RV College of Engineering, Bangalore

ACADEMIC COUNCIL MEETING

(2018 - 2024)

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R.V.COLLEGE OF ENGINEERING, BENGALURU – 560059.

23rd ACADEMIC COUNCIL MEETING

Date: **10.7.2018** Time: **10.00 a.m.** Venue: **Board Room**

AGENDA

Sub. No. 174: To read and record the proceedings of the 22nd Academic Council Meeting held on 19.6.2017 & Action Taken Report.

Sub. No. 175: Thanks giving and welcoming of new Academic Council Members

Sub. No. 176: Activities / Achievements of RVCE.

Subjects for discussion on Academic matters:

Sub. No. 177: Approval of V to VIII semester syllabus of UG programs of 2016 scheme.

Sub. No. 178: Approval for I year Scheme & Syllabus of 2018 scheme.

Sub. No. 179: Approval of Handbook of rules, regulations and general guidelines for 2018 scheme.

Sub. No. 180: Approval of Calendar of Events for the academic year 2018-19 (UG & PG – M.Tech & MCA programs).

Subjects for Discussion on Examination matters:

Sub. No. 181: Approval of finalized list of Graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18, M.Tech 2016-18.

Sub. No. 182: Approval of Rank List of graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18, M.Tech 2016-18.

Sub. No. 183: Approval of list of Gold Medalists of Passing out batch of 2018.

Sub. No. 184: Approval of conduction of Graduation Day Programme.

Sub: No. 185: Result Analysis of UG & PG examinations.

Any other subject/s, with the permission of the chair.

N. K. Srinath

Member Secretary
Academic Council (RVCE)

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

R.V. College of Engineering, Bengaluru – 59.

Proceedings of the 23rd Academic Council Meeting held on 10th July 2018

Members Present:

1) Dr. K.N. Subramanya, Principal – Chairman
2) Dr. O.P. Bhawane, Principal – RVCA
3) Dr. Pushpa Agrawal, HOD-Biotech
4) Dr. Srinivas, for HOD-Aerospace Engg.
5) Dr. M.V. Renuka Devi, HOD- Civil Engg.
6) Dr. G. Shobha, HOD – CSE
7) Dr. B.V. Uma, HOD-ECE
8) Dr. R. Japayal, HOD-EEE
9) Dr. K.B. Ramesh, HOD-EIE
10) Dr. N.K. Cauvery, HOD-ISE
11) Dr. N.S. Narahari, HOD-IEM
12) Dr. Usha, Director-MCA
13) Dr. H.N. Narasimha Murthy, HOD-Mech.
14) Dr. G. Sadashivappa, HOD-TCE
15) Dr. T. Bhuvaneswara Babu, HOD-Physics
16) Dr. Raviraj Kusanur, HOD-Chemistry
17) Dr. N. Shivakumar, HOD-Mathematics
18) Dr. M.S. Krupashankara – Mech. Engg.
19) Dr. N. Shanmukha – Dean (Student Affairs)
20) Dr. B. Renuka Prasad – MCA
21) Dr. K. Sreelkashmi – TCE
22) Dr. Rajashree Shettar – CSE
23) Dr. C.K. Nagendra Gupta – IEM
24) Dr. K.S. Geetha – ECE
25) Dr. R. Suresh – Chemical Engg.
26) Dr. Ravindra R – Civil Engg.
27) Prof. K. Vasudeva Banninthaya – CoE
28) Prof. R.K. Manjunath – TCE
29) Dr. B.C. Udayashankar – Civil Engg.
30) Dr. M.R. Anala – CSE
31) Mrs. C. Vidya – Chemical Engg.
32) Dr. Rudranna Nandihalli - EEE
33) Mr. Nithin M – ECE
34) Dr. N.K. Srinath– Member Secretary

External Experts:

1) Dr. K. Mallikarjuna Babu, Principal-BMSCE
2) Dr. Y.Jagannadha Rao, Visiting Prof. SIT
3) Dr. M.K. Kori, Retd. Tech. Director, Alcatel Lucent
4) Prof. S.V. Ravindra, Prof. Dept. of Arch. UVCE
5) Dr. T.C. Thanuja, Prof. VTU PG Centre-Belagavi
6) Dr. S. Raghunath, Prof. CV, BMSCE
7) Dr.C.V.Venkatesh, HOD, Mech.Engg.-MCE, Hassan

Leave of Absence:

1) Prof. S. Venkatesh – EIE
2) Dr. H.D. Gopalakrishna – Mech. Engg.
3) Dr. Vidya Niranjan – Biotech
4) Dr. Lourdu Antony Raj, HOD-Chemical Engg.
5) Dr.K.V. Padmaja - EIE

The chairman welcomed all the members.

The chairman informed the members that Dr. Mohanachandran Sr. Vice President, HHV Pvt. Ltd., had expired on 20th April. 2018. He also briefed that Dr. Mohanachandra had served as External Member of the Academic Council of RVCE since 2012. He had contributed immensely and provided valuable suggestions during his tenue in the Academic Council. A two-minute silence was observed as a mark of respect to the departed soul.

Sub. No. 174: To read and record the proceedings of the 22nd Academic Council Meeting held on 19.6.2017 & Action Taken Report.

The chairman briefed the members about proceedings of the 22nd Academic Council Meeting held on 19.6.2017 and action taken thereon. As there were no comments from the members, the proceedings and Action Taken were read and recorded. **(Annex. 1)**

Sub. No. 175: Thanks giving and welcoming of new Academic Council Members.

The chairman briefed that, as per the Autonomous Statutes, the University has nominated its new nominees to the Academic Council of RVCE. He also mentioned that, the earlier VTU nominees have participated in the Council deliberations and provided valuable suggestions. He thanked outgoing VTU nominees viz.

1) Dr. Mrityunjaya V. Latte, Principal, JSS Academy of Technical Education, Bengaluru

2) Dr. B. Sadashive Gowda, Principal, VVCE, Mysore
3) Dr. Ranapratap Reddy, Principal, Global Academy of Technical Education, Bengaluru.

He welcomed the new VTU nominees viz.

1) Dr. Raghunath S, Professor, Dept. of Civil Engg. BMSCE, Bengaluru
2) Dr. C.V. Venkatesh, Prof. & Head, Dept. of Mechanical Engg. Malnad College of Engineering, Hassan
3) Dr. T.C. Thanuja, Professor, VTU-PG Centre, Belagavi

All the members were introduced to the Council.

Sub. No. 176: Activities / Achievements of RVCE.

The Chairman highlighted about various activities /achievements of RVCE held since the last AC meeting, through a presentation. **(Annex. 2)**

Sub. No. 177: Approval of V to VIII Sem. Syllabus of UG Programs of 2016 scheme and 5th & 6th Sem. Syllabus of MCA Program-2016 scheme.

The chairman informed that, 2016 scheme of V to VIII Sem. UG Programs and 5th & 6th Sem. Syllabus of MCA program-2016 scheme, was discussed in the 21st AC Meeting. As per the suggestions of the Council, the departments have incorporated the corrections and prepared the syllabus accordingly.

Resolution: The members opined that, since the scheme was approved and finalized in the previous AC meeting, there is no need to further elaborately discuss the syllabus. Hence, the Council unanimously approved the syllabus of V to VIII Sem. UG Programs of 2016 scheme and 5th & 6th Sem. Syllabus of MCA Program-2016 scheme.

Sub. No. 178: Approval of 1st year Scheme & Syllabus of 2018.

The Chairman briefed that the AICTE, UGC and VTU has revised curriculum guidelines and highlighted the major changes in the curriculum.

2018 Scheme and Syllabus

Model Curriculum has been designed in such a way that it encourages innovation and research. The total number of credits has been reduced and many new courses have been incorporated in consultation with industry experts. The revised Model Curriculum has been designed where the students can understand the industry requirements and have hands-on experience. The students will develop a problem solving approach so that they will be able to meet the challenges of future. Courses on Constitution of India, Environment Science/Engineering, and Essence of Indian Traditional Knowledge have also been included in the curriculum.

Model curriculum from AICTE:

The Structure of Undergraduate Engineering program given by AICTE is as shown in table below:

Sl. No.	Category Suggested	Breakup of Credits (Total 160)
1	**HSS**	**12**
2	Basic Science courses	25
3	Engineering Science courses	24
4	Professional core courses	48

5	Professional Elective courses	18
6	Open subjects – Electives from other technical and /or emerging subjects	18
7	Project work, seminar and internship	15
8	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional Knowledge]	(non-credit)
	Total	160*

*Minor variation is allowed as per need of the respective disciplines.

Induction program for first year students of 2018-19.

The first year syllabus was heavily loaded. It is of utmost importance that the students entering into the first year of an engineering course should feel at ease by lowering the burden of syllabus and credits. This is necessary for a student to acclimatize to the new environment of a college and to create a bonding between the teacher and a student. An idea to introduce induction program in the curriculum is to equip the students with communication skills, and get them acquainted with the culture of institution and human values was formalized.

A student has to undergo this induction program after joining the institute and before the commencement of classes. Normal classes of the engineering program shall begin after the students have undergone a two-week induction program. The Induction program for students comprises of Physical activities; Learning an art form; Literature & Cinema; Social Awareness; Lectures &Visits; Universal Human Values; Familiarization to Department/Branch, College& Innovations.

Model curriculum from VTU:

On the lines of model curriculum suggested by AICTE, VTU released the curriculum framework with slightly altered structure.

The structure of Undergraduate program suggested by VTU.

Sl. No.	Category Suggested	Breakup of Credits(Total 160)
1	**HSS**	**7**
2	Basic Science courses	24
3	Engineering Science courses	18
4	Professional core courses	84
5	Professional Elective courses	15
6	Open subjects – Electives from other technical and /or emerging subjects	10
7	Project work, seminar and internship	17
8	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional Knowledge]	(non-credit)
	Total	175*

*Minor variation is allowed as per need of the respective disciplines.

First year Scheme and Syllabus from RVCE:

On the lines of model curriculum released by AICTE & following the guidelines given by VTU, the first year scheme and syllabus is framed by RVCE for 175 credits.

Highlights of the first year scheme are as follows:

1. The credit allocation is distributed to Lecture, Tutorial and Practical. The self-study/experiential learning column in previous scheme are removed and are included in the assignment component itself.

2. The courses with 4 credits are planned for 34-36 hours of class room teaching whereas; the courses with 3 credits were planned for 24-28 hours of teaching.
3. The theory and lab are integrated as one course which gives good hands on experience on the concepts being taught in theory.

With regard to English Language lab., Prof. Ravindra and Dr. Kori enquired how effective is the online examination system? The Member Secretary clarified that, the outsourced experts will provide on-line resources to conduct the classes, examination, and evaluation. Prof. Narahari informed that, LSRW skills were included in the syllabi. Prof. Ravindra and Prof. Mallikarjuna Babu, opined that case studies to be included in the 3rd to 5th sem. Courses.

The members suggested not to integrate the courses in the 1st year.

Prof. Raghunath suggested to analyse the results of theory and lab.

Dr. Kori suggested to give more examples in Mathematics. Also he suggested to change the order of B.E syllabus and change in Physics sequence.

Dr. Kori suggested to change Programming in 'C'- Course Title. He opined that the emphasis should be more on concepts. He suggested to change the Course Title as 'Computer Programming'.

Prof. Ravindra and Dr. Thanuja sought clarification on Course Outcomes and Course Learning Objectives.

Prof. Ravindra suggested that Learning Objectives should be mentioned in every course.

Dr. Thanuja suggested to mention Bloom's Taxanomy level to be printed in the syllabi.

Prof. Y.J. Rao suggested that, Reference Books should be mentioned in the syllabus instead of Text Books, where in first two are text books.

Prof. Mallikarjuna Babu suggested to remove PSOs, CO, PO and Unit from the syllabi.

Resolution: After elaborate discussions, the council approved 2018 scheme & syllabus of 1st year B.E. program and suggested to incorporate the changes. **(Annex. 3)**

Sub. No. 179: Approval of Handbook of Rules, Regulations and General Guidelines for UG programs for the Academic Year 2018–19.

The Member Secretary informed that Handbook of Rules, Regulations and General Guidelines for UG programs have been prepared as per the regular format and no changes / additional information incorporated in the handbook.

Resolution: The Council approved Handbook of Rules, Regulations and General Guidelines for UG programs for the academic year 2017-18. **(Annex. 4)**

Sub. No. 180: Approval of Calendar of Events for the academic year 2018-19 (UG & PG - M.Tech and MCA programs)

The Member Secretary briefed about Calendar of Events for UG & PG programs (M.Tech & MCA) for the academic year 2018-19 and informed that the activities will be carried out as per the Calendar of Events.

Resolution: The Council approved Calendar of Events for UG & PG programs (M.Tech & MCA) for the academic year 2018-19. **(Annex. 5)**

Sub. No. 181: Approval of finalized list of Graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and M.Tech 2016-18.

Prof. Vasudeva Banninthaya presented the list of graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and M.Tech 2016-18. He also briefed that, this year the first batch of M.Tech students under Autonomous Scheme will be issued Provisional Degree Certificates. The last date for submission of Viva-voce results is on 20th Jul. 2018. The final list of M.Tech Graduates will be updated before the Graduation Day.

Resolution: After detailed discussions, the Council approved the list of graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and accorded its approval to amend the list of graduates for the passing out batch of M.Tech 2016-18 students. **(Annex. 6)**

Sub. No. 182: Approval of Rank List of graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and M.Tech 2016-18.

The Controller of Examinations presented the list of Rank Holders for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and also provision list of Rank Holders for the passing out batch of M.Tech 2016-18 students. He further briefed that, the final list of M.Tech Rank Holders will be announced before 25th Jul. 2018.

Resolution: The Council approved the list of Rank Holders for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and also accorded its approval to amend the list of Rank Holders or the passing out batch of M.Tech 2016-18 students **(Annex. 7)**

Sub. No. 183: Approval of list of Gold Medallists of Passing out batch of 2018.

The Controller of Examinations presented the list of Gold Medallists for the passing out batch of 2018 and sought approval of the Council to amend the list of Gold Medallists of passing out batch of M.Tech-2018 students.

Resolution: The Council approved the list of Gold Medallists for the passing out batch of 2018 (B.E and B.Arch) and accorded its approval to amend the list of Gold Medallists for the passing out batch of M.Tech-2018 students. **(Annex. 8)**

Sub. No. 184: Approval of conduction of Graduation Day Programme.

The Chairman informed that Graduation Day is scheduled on 28th July 2018 at 4.30 p.m. Prof. V. Raghuram, Director of Indian Institute of Management-Bangalore, will be the Chief Guest and deliver the convocation address. He invited all the Academic Council members for the Graduation Day function and informed that formal invitation will follow.

Resolution: The Council approved the conduction of Graduation Day programme.

Sub: No. 185: Result Analysis of UG & PG examinations.

The Controller of Examinations presented the result analysis of UG & PG Examinations. **(Annex. 10)**

The external members suggested that wherever results are low, remedial measures to be taken to improve the results.

Prof. Kori suggested that the institution could look at giving a project to the students with respect to the Result Analysis of last 10 years.

Proceedings of the 23rd Academic Council Meeting held on 10th July 2018

Sub. No. 186: Other subjects.

A) Modification in Malpractice Guidelines for 7th Semester students.

The Chairman briefed the members that in the present malpractice guidelines, such of 7th sem. students caught in the CIE / SEE in one course, they are not permitted to take Fast Track exam in that current year. They will be allowed to take in the next SEE. In such circumstances, they are losing one year. He sought permission from the Council to modify the malpractice guidelines.

Prof. Mallikarjuna Babu, opined that the institution should not frame stringent guidelines which affect student prospects. He suggested that, the institution could punish such students by not awarding 1 grade.

He also suggested that, the institution could select 3 external members within the Academic Council and form a Committee to frame the new guidelines and inform the institution to circulate the existing malpractice guidelines to the Committee.

The Chairman informed the Council that the matter will be discussed in the Examination Board and further action will be taken in due course.

B) Starting of Ph.D. program under Autonomous Scheme.

The Chairman briefed that, as per the recent Autonomous guidelines by UG (Feb. 2018), the Autonomous institutions could offer Ph.D. program. The affiliating University will carry out admission process and the institutions should form Research Advisory Committee to look at the progress of research scholars.

C) The Chairman also informed that, as per the new Autonomous guidelines of UGC, the autonomous institutions award B.E (Honours) degree.

The meeting concluded with thanks to the chair.

Member Secretary

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

Chairman

Principal
R V College of Engineering
Mysuru Road
Bengaluru - 560 059

R.V. COLLEGE OF ENGINEERING, BENGALURU – 59.

ACTION TAKEN REPORT

23RD ACADEMIC COUNCIL MEETING HELD ON 10TH JULY 2018

Sub. No.	Agenda Details	Action Taken
174	To read and record the proceedings of the 22nd Academic Council Meeting held on 19.6.2017 & Action Taken Report	Read & Recorded.
175	Thanks giving and welcoming of new Academic Council Members.	➢ New members were introduced.
176	Activities / Achievements of RVCE.	➢ Principal highlighted the achievements of RVCE. Committee members appreciated the progress made by the institution.
177	Approval of V to VIII Sem. Syllabus of UG Programs of 2016 scheme and V & VI Sem. Syllabus of MCA Program-2016 scheme.	➢ Suggestions incorporated and implemented.
178	Approval of 1st year Scheme & Syllabus of 2018 scheme.	➢ Suggestions incorporated and implemented. ➢ Printed copies were distributed to the students of 2018-19 batch and to the departments.
179	Approval of Handbook of Rules, Regulations and General Guidelines for UG programs for the Academic Year 2018–19.	➢ Incorporated the suggestions made by the Academic Council members. ➢ The Calendar of Events & Handbook of Rules, Regulations & General Guidelines has been issued to the newly admitted UG students for the academic year 2018-19.
180	Approval of Calendar of Events for the academic year 2018-19 (UG & PG - M.Tech and MCA programs)	
181	Approval of finalized list of Graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and M.Tech 2016-18.	➢ The list of Graduates, Rank Holders and Gold Medalists of passing out batch of 2018 were approved. ➢ 8th Graduation Day function was conducted on 28th Jul. 2018. Prof. G. Raghuram, Director, Indian Institute of Management-Bengaluru was the Chief Guest and delivered the Graduation address. ➢ 1130 Provisional Degree Certificates were distributed to the B.E., B.Arch. & M.Tech students of 2018 passing out batch.
182	Approval of Rank List of graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and M.Tech 2016-18.	
183	Approval of list of Gold Medalists of Passing out batch of 2018.	
184	Approval of conduction of Graduation Day Programme.	
185	Result Analysis of UG & PG examinations.	➢ Discussed and noted the observations of the members for further improvement.
186	Any other subject: (a) Modification in Malpractice Guidelines for 7th Semester students.	➢ The Examination Board considered the proposal and implementation under process.

Member Secretary
Academic Council

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

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Proceedings of the 24th Academic Council Meeting held on 9th October 2018

Sl. No.	Dept.	Proposed Name of Chairperson	
		Board of Studies	Board of Examinations
1	Aerospace Engineering	Dr. Ravindra S. Kulkarni	Dr. Ravindra S. Kulkarni
2	Biotechnology	Dr. Vidya Niranjan	Dr. Vidya Niranjan
3	Civil Engineering	Dr. Radhakrishna	Dr. Radhakrishna
4	Chemical Engineering	Dr. Vinod Kallur	Dr. M.A. Lourdu Antony Raj
5	Computer Science & Engineering	Dr. G. Shobha	Dr. G. Shobha
6	Electrical & Electronics Engg.	Dr. Rudranna Nandihalli	Dr. Rudranna Nandihalli
7	Electronics & Communication Engg.	Dr. K.S. Geetha	Dr. B.V. Uma
8	Electronics & Instrumentation Engg.	Dr. CH Renumadhavi	Dr. CH Renumadhavi
9	Information Science & Engineering	Dr. B.M. Sagar	Dr. B.M. Sagar
10	Industrial Engineering & Management	Dr. C.K. Nagendra Gupta	Dr. N.S. Narahari
11	Mechanical Engineering	Dr. M. Krishna	Dr. M. Krishna
12	Telecommunication Engineering	Dr. K. Sreelakshmi	Dr. H.V. Kumaraswamy
13	Physics	Dr. Sudha Kamath	Dr. Sudha Kamath
14	Chemistry	Dr. Raviraj Kusanur	Dr. Raviraj Kusanur
15	Mathematics	Dr. K. Sreedevi	Dr. K. Sreedevi
16	Humanities & Social Science	Dr. N.S. Narahari	Dr. N.S. Narahari
17	Master of Computer Applications	Dr. Andhe Dharani	Dr. Andhe Dharani

He also briefed about the structure of Board of Studies as per New UGC / VTU Autonomous Guidelines as under:

1. Head of the Department concerned (Chairman).
2. The entire faculty of each specialization.
3. **Two subject** experts from **outside the Parent University** to be nominated by the Academic Council.
4. One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college principal.
5. One representative from industry/corporate sector/allied area relating to placement.
6. One postgraduate meritorious alumnus to be nominated by the principal.

The Chairman, Board of Studies, may with the approval of the principal of the college, co-opt:
(a) Experts from outside the college whenever special courses of studies are to be formulated.
(b) Other members of staff of the same faculty.

The Chairman also mentioned that, the term of the existing nominated BoS members has completed. The new BoS members under various categories as per the revised UGC/VTU guidelines will be nominated and approval will be taken from the Academic Council in the next meeting or through circulation in due course.

***Resolution**: The Council approved new Chairpersons for Board of Studies and Board of Examinations.*

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Proceedings of the 24th Academic Council Meeting held on 9th October 2018

Sub. No. 188: Approval for 2018 Scheme & Syllabus of MCA Program.

The Director of MCA briefed regarding 2018 scheme and syllabus of MCA program.

Prof. Y.J. Rao sought clarification regarding credits and tutorials. Director MCA clarified that Tutorials have 1 credit -2 hrs.

The Chairman opined that duration of project for one year is not viable.

Resolution: The Council approved 2018 scheme and syllabus of MCA program.

Sub. No. 189: Approval for 2018 Scheme & Syllabus of M.Tech Programs.

Prof. Krupashankara briefed that, while framing the scheme & syllabus of 2018, departments have followed the guidelines of VTU. He also presented the changes made in the credit distribution of 2016 and 2018 scheme.

	VTU Guidelines					AICTE	VTU	RVCE 2018	RVCE 2016
	Min %	Credit	Max %	Credit	Reco				
Core	15	13	25	22	22	22	42	31	32
Elective	25	22	35	31	30	18	16	23	28
Project	30	26	45	40	30	28	22	27	31
Internship, Seminar	5	4	10	9	6	0	8	7	9
					88	68	88	88	100

	AICTE	VTU	RVCE-2018	RVCE-2016
First	18	24	22	24
Second	18	24	25	26
Third	16	20	19	22
Fourth	16	20	22	28
	68	88	88	100

The Chairman informed respective HoDs to explain the council about their 2018 scheme M.Tech program.

During the discussion of electives opted by the students, it was unanimously decided that the departments can offer electives where there is a strength of 1/3rd of students intake.

Dr. Kori suggested to include High performance Computing in the syllabi of M.Tech – CNE / CSE.

Dr. Thanuja suggested to add more lab. Components in M.Tech – EPE program – PLA & SCADA.

Dr. Kori suggested to change course code in the 2nd Sem. M.Tech program of ISE.

Dr.C.V. Venkatesh observed that core courses will not have lab. Component in the M.Tech program of Mechanical Engg.

The Chairman suggested not to use company / brand application program name in course titles of M.Tech – BT/Bioinformatics programs and he suggested to use only generic names.

Prof. Y.J. Road suggested to change Research Methodology course code.

The Chairman also suggested the Dept. Heads to send M.Tech staff for specialized training.

Dr. Kori complimented all the members for the presentation. He informed the council that, RVCE has established state-of-the-art facilities, opportunities are plenty, has an edge over other institutions, very conducive atmosphere and skills are abundant. The faculty should take full advantage of the facilities. Research and Teaching go together and no longer they are two different things. The depts. Should encourage youngsters /students to actively involve in research along with academics.

The members unanimously approved the No. of students opting for Global Electives as Min. -10 and Max.40 and also suggested that Physics, Chemistry and Mathematics to add one elective each.

Resolution: *The Council approved 2018 scheme and syllabus of M.Tech programs and suggested to incorporate the changes discussed in the meeting.*

Sub. No. 190: Approval of Handbook of rules, regulations and general guidelines for 2018 scheme – MCA and M.Tech programs.

Prof. Krupashankara briefly explained about the Handbook of Rules, Regulations and Guidelines for 2018 scheme – M.Tech and MCA programs.

Academic Activities (Break up in weeks)	**(a) Regular Semester:** Registration for course- Three days Course work - Sixteen weeks from the starting date of registration Examinations- Three weeks **TOTAL: 19 weeks each** Declaration of Results- One week **(b) Summer Semester (only for students with NSSR/ NSAR/ F/ W grades):** Registration of courses- Three days Course work – Six weeks from the date of starting of registration Examination- Two weeks **TOTAL: 8 weeks.** Declaration of Results – within one week

Level	Outstanding	Excellent	Good	Above Average	Average	Fail
Score (Marks) Range %	> = 90	> =80 < 90	> =70 < 80	> = 60 < 70	> = 50 < 60	< 50
Grade	S	A	B	C	D	F
Grade Points	10	9	8	7	6	0

Controller of Examinations briefed regarding Continuous Internal Evaluation (CIE) and Semester End Examination (SEE)

	Test	Quiz	Assignment
Max. Marks	50	10	10
Max. Marks	50	10	10
Max. Marks	50	10	
Total	150	30	20
	(150/2)	(30/2)	(20/2)
100	**75**	**15**	**10**

SEMESTER END EVALUATION (SEE)					
Theory		**Laboratory**	**Total**		
The question paper will be for 100 marks and shall consist of TEN questions from FIVE units with 20 marks each. Out of the TEN questions, students have to answer FIVE questions selecting ONE full question from each unit.	**100**	Experiment with Conduction proper results	**40**	**150**	
		Viva	**10**		
		Total	**50**		
Total	**100**				

	Cumulative Internal Evaluation		Semester End Evaluation		CIE & SEE
Theory without Practicals	=>50%		=> 40%		=> 50%
Theory with Practicals	Theory	=>40%	Theory	=>40%	
	Practice	=>50%	Practice	=>50%	
	TOTAL	=>50%	TOTAL	=>50%	
Practicals	=>50%		=>50%		

The external experts suggested that answer scripts should be known to the students.

Resolution: *After a detailed discussion, it was unanimously decided that the CIE should have - 3 Tests of 50 Marks each, 2 Quizzes of 20 marks each and 30 for assignment. There will be no Revaluation for M.Tech students, only Challenge Evaluation.*

Sub. No. 191: **Approval for amendment in Rules & Regulations for Vertical Progression w.r.t. 2016-17 scheme UG programs.**

The Chairman informed about the proposed changes in vertical progression of students of 2016 scheme & those who have switched / switching to this scheme.

Around 26 students of 2016 scheme and those students who have switched over to this scheme, are not eligible for 5th semester for having first year course / courses as back log even though they are fulfilling the other criterion of vertical progression. There were representations from students & parents to re-consider their eligibility and allow them to continue without losing a year.

The clause of vertical progression 4.6(e) of 2016 scheme disallows a student having backlogs in first year to enter the third year and also backlogs in first and second year to enter forth year. Such a restriction was not there till 2016 and also will not be there from new 2018 scheme onwards.

An amendment removing the additional restriction in the 2016 scheme was proposed after deliberation in Institutional Planning, Monitoring, and Implementation Committee (IMPPIACt) meeting held on 11th September 2018 and it was resolved to take up the matter and get it approved by the Academic Council.

Resolution: *The Council approved the amendment in Rules & Regulations for Vertical Progression w.r.t. 2016-17 scheme UG programs.*

Sub. No. 192: Approval for one-year extension for the following students

(a) Ms Ankita Ishwar Halalli, bearing USN 1RV10CS019; (completed 8 years and has 3 backlog courses);
(b) Mr. Eshwar Ritwik M, bearing USN 1RV15ME425; diploma students crossed five attempts in one course and requesting for one-year extension;
(c) Ms. Twinkle Tiwari, bearing USN 1RV13IM066; Crossed 5 attempts in one course (Basic Electronics) and requesting for one-year extension.

Discussion:

(a) The Member Secretary informed the council that Ms Ankita Ishwar Halalli, (USN 1RV10CS019) has admitted in 2010 to Computer Science Program. She has completed 8 years, but has 3 backlogs:

Sl. No.	Couse Code	Course Title	Credits	No. of Attempts
1.	10EE15	Basic Electrical Engineering		01
2.	12CS5B5	Computer Vision		01
3.	12CS71	High Performance Computing		01

All these three backlogs she has attempted only once. Now, she is requesting for one more year of extension to pass all three backlog courses.

Resolution: *After a detailed discussion, the council resolved that Ms. Ankita should seek approval from the University (VTU)to clear the backlogs and she has to complete the three backlogs before Aug. 2019.*

b) The Member secretary briefed that, Mr Eshwar Ritwik, bearing USN 1RV15ME425; Diploma student crossed five attempts in one course and requesting for one more attempt.

Mr Eshwar Ritwik, 2015 admitted student from Mechanical Engineering Program has 4 backlogs:

Sl. No.	Couse Code	Course Title	Credits	No. of Attempts
1.	12ME35	Fluid Mechanics	05	04
2.	12ME44	Kinematics of Machines	04	05
3.	12ME53	Heat Transfer	05	02
4.	12ME63	Dyanmics of Machines	04	01

Though he is eligible for VII sem, in one of the backlog course 12ME44 (Kinematics of Machines), he has completed 5 attempts. Now, he is requesting for one more attempt to pass this course.

Resolution: *The Council unanimously resolved that, Mr. Eashwar Ritwik should clear one backlog course 12ME44 during Fast Track only once time attempt in 2019 or in 2020.*

c) That Member Secretary briefed that, Ms Twinkle Tiwari, bearing USN 1RV13IM066; Crossed 5 attempts in one course (Basic Electronics) and requesting for one more attempt:

Ms Twinkle Tiwari, 2013 admitted student from EEE and taken branch change in 2016 to Industrial Engineering & Management Program has

Sl. No.	Couse Code	Course Title	Credits	No. of Attempts
1	12CS13	Programming in C (Theory and Practice)	05	04
2	12EC14	Basics of Electronic Engineering	04	05
3	12PH22	Engineering Physics (Theory and Practice)	05	01
4	12IM44	Engineering Economy	04	01

Proceedings of the 24th Academic Council Meeting held on 9th October 2018

She is not eligible to go to V sem, as she has crossed 5 attempts in one of the backlog course 12EC14 (Basics of Electronics Engineering). Now, she is requesting for one more attempt to pass this course to get eligibility to move to 5th Semester.

Resolution: *The council resolved that, Ms. Twinkle Tiwari is permitted to clear one backlog course 12EC14 as one last attempt during fast track semester in 2019, 2020 or in 2021.*

Sub. No. 186: Other subjects.

(a) Provision to write Makeup Examination during Fast Track examinations for students participated in NCC – RDC camp.

The Chairman informed the council that, a provision has to be provided to students who have participated in NCC – RDC camp to write Make up examination during Fast Track semester examinations.

Resolution: *After a detailed discussion, it was resolved that such of the students who have participated in NCC-RDC camp and write examinations during Fast Track semester Examinations can be treated as Make up examination.*

The meeting concluded with thanks to the chair.

Member Secretary
Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

Chairman
Principal
R V College of Engineering
Mysuru Road
Bengaluru - 560 059

R.V. COLLEGE OF ENGINEERING, BENGALURU – 59.

ACTION TAKEN REPORT

23RD ACADEMIC COUNCIL MEETING HELD ON 10TH JULY 2018

Sub. No.	Agenda Details	Action Taken
174	To read and record the proceedings of the 22nd Academic Council Meeting held on 19.6.2017 & Action Taken Report	Read & Recorded.
175	Thanks giving and welcoming of new Academic Council Members.	➢ New members were introduced.
176	Activities / Achievements of RVCE.	➢ Principal highlighted the achievements of RVCE. Committee members appreciated the progress made by the institution.
177	Approval of V to VIII Sem. Syllabus of UG Programs of 2016 scheme and V & VI Sem. Syllabus of MCA Program-2016 scheme.	➢ Suggestions incorporated and implemented.
178	Approval of 1st year Scheme & Syllabus of 2018 scheme.	➢ Suggestions incorporated and implemented. ➢ Printed copies were distributed to the students of 2018-19 batch and to the departments.
179	Approval of Handbook of Rules, Regulations and General Guidelines for UG programs for the Academic Year 2018–19.	➢ Incorporated the suggestions made by the Academic Council members. ➢ The Calendar of Events & Handbook of Rules, Regulations & General Guidelines has been issued to the newly admitted UG students for the academic year 2018-19.
180	Approval of Calendar of Events for the academic year 2018-19 (UG & PG - M.Tech and MCA programs)	
181	Approval of finalized list of Graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and M.Tech 2016-18.	➢ The list of Graduates, Rank Holders and Gold Medalists of passing out batch of 2018 were approved. ➢ 8th Graduation Day function was conducted on 28th Jul. 2018. Prof. G. Raghuram, Director, Indian Institute of Management-Bengaluru was the Chief Guest and delivered the Graduation address. ➢ 1130 Provisional Degree Certificates were distributed to the B.E., B.Arch. & M.Tech students of 2018 passing out batch.
182	Approval of Rank List of graduates for the passing out batch of B.E. students 2014-18, B.Arch 2013-18 and M.Tech 2016-18.	
183	Approval of list of Gold Medalists of Passing out batch of 2018.	
184	Approval of conduction of Graduation Day Programme.	
185	Result Analysis of UG & PG examinations.	➢ Discussed and noted the observations of the members for further improvement.
186	Any other subject: (a) Modification in Malpractice Guidelines for 7th Semester students.	➢ The Examination Board considered the proposal and implementation under process.

Member Secretary
Academic Council

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

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R.V. College of Engineering, Bengaluru – 59.

Proceedings of the 25th Academic Council Meeting held on 6th June 2019

Members Present:

1) Dr. K.N. Subramanya, Principal – Chairman
2) Dr. Ravindra S. Kulkarni – HOD, ASE
3) Dr. Vidya Niranjan, HOD-Biotech
4) Dr. Vinod Kallur, HOD-CH
5) Dr. Radhakrishna, HOD- Civil Engg.
6) Dr. P. Ramakanth Kumar, HOD – CSE
7) Dr. K.S. Geetha, HOD-ECE
8) Dr. Rudranna Nandihalli, HOD-EEE
9) Dr. CH Renumadhavi, HOD-EIE
10) Dr. B.M. Sagar, HOD-ISE
11) Dr. C.K. Nagendra Gupta, HOD-IEM
12) Dr. Andhe Dharani, Director-MCA
13) Dr. M. Krishna, HOD-Mech.
14) Dr. K. Sreelakshmi, HOD-TE
15) Dr. Sudha Kamath, HOD-Physics
16) Dr. Raviraj Kusanur, HOD-Chemistry
17) Dr. K. Sreedevi, HOD-Mathematics
18) Dr. N.S. Narahari, Chairman-HSS
19) Dr. B.C. Udayashankar – CV
20) Dr. N. Shanmukha – Dean (Student Affairs)
21) Dr. B. Renuka Prasad – MCA
22) Prof. S. Venkatesh - EIE
23) Dr. Rajashree Shettar – CSE
24) Dr. M.R. Anala - CSE
25) Dr. C. Vidya – CH
26) Prof. K. Vasudeva Banninthaya – CoE
27) Dr. R. Suresh – Chemical Engg.
28) Dr.H.D. Gopalakrishna - ME
29) Dr. K.V. Padmaja – EIE
30) Dr. N.K. Srinath– Member Secretary

External Experts:

1) Dr. Y.Jagannadha Rao, Visiting Prof. SIT
2) Dr.C.V.Venkatesh, HOD, ME-MCE, Hassan
3) Prof. S.V. Ravindra, Retd. Prof. UVCE
4) Dr. T.C. Thanuja, Prof. VTU PG Centre-Belagavi

Leave of Absence:

1) Dr. S. Raghunath, Prof. CV, BMSCE
3) Dr. M.H. Kori, Retd. Tech. Director, Alcatel Lucent
2) Mr. Nithin M – ECE
4) Dr. Ravindra R – CV

The Chairman welcomed all the members.

Sub. No. 194: To read and record the proceedings of the 24th Academic Council Meeting held on 09.10.2018 & Action Taken Report.

The chairman briefed the members about proceedings of the 24th Academic Council Meeting held on 9.10.18 and action taken thereon. **(Annex. A)**

With respect to Sub. No. 193(A) "Provision to write Makeup Examination during Fast Track examinations for students participated in NCC – RDC camp", the Council informed the Examination Board to prepare list of activities and workout appropriate guidelines and then obtain approval from the Academic Council for such cases.

Sub. No. 195: Achievements of RVCE.

The chairman highlighted about various activities of the institution since the last Council Meeting through a presentation.

The members congratulated faculty, staff and students for the achievement and also applauded them for their unstinted efforts for the growth of the institution.

Sub. No. 196: Information about change in revised Autonomous Guidelines of UGC.

The Chairman briefed regarding change in revised Autonomous Guidelines of UGC. **(Annex. B)**

He also mentioned that, the revised changes will be applicable for students of 2018-19 batch and the amended Rules and Regulations Handbook will be issued to the students, incorporating the requisite changes.

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Proceedings of the 25th Academic Council Meeting held on 6th June 2019

Sub. No. 197: Approval of Handbook of General Information, Academic Rules, Regulations and Guidelines for B.E. Students of 2019-20 batch.

The Chairman briefed that the preparation of Handbook of General Information, Academic Rules and Regulations and Guidelines for B.E. students of 2019-20 batch is under process. The same will be circulated among Council members for suggestions, if any. It will be finalized in the next meeting.

Sub. No. 198: Ratification of new Board of Studies members for the term 2019 – 2022.

The Chairman briefed that, the term of nominated Board of Studies members had ceased. Hence, the institution has changed Board of Studies members as per the revised guidelines of UGC/VTU.

The chairman also sought Council permission to conduct Board of Studies meetings through circulation in exigency cases.

Resolution: The Council ratified the nomination of new Board of studies members in various departments for the term 2019-2022. The Council also permitted the departments to conduct BoS meeting in exigency case by circulation. Prior consent to be taken from the Principal to conduct such instances.

Sub. No. 199: Approval for 2018 Scheme of 3rd to 8th Semester UG programs.

The chairman informed that this subject will be discussed in the next Council Meeting and approval will be taken thereon.

Sub. No. 200: Approval for 2018 Syllabus of 3rd & 4th Semester BE & MCA Programs.

Respective Board of Studies chairperson presented the scheme & syllabus of 3rd & 4th Sem. B.E & MCA programs.

The members suggested that, the departments should ensure that course contents should be same for all the common courses. Pedagogical methods for common courses to be discussed and followed accordingly.

Resolution: After detailed discussions, the Council approved 2018 syllabus of 3rd & 4th Sem. BE and MCA Program.

Sub. No. 201: Result analysis of Dec. 18 / Jan. 19 examinations of UG & PG programs.

Prof. Vasudeva Banninthaya briefed regarding result analysis of Dec.18/Jan.19 examinations of UG and PG Programs. **(Annex. C)**

Sub. No. 202: Graduation Day 2019 approval.

The Chairman informed the Council that, it is proposed to hold Graduation Day celebration on 27th July 2019 for UG and PG Students. He invited all the Council Members to attend the event and informed that formal invitation will be sent to the members well in advance.

Resolution: The Members approved the Graduation Day date.

Sub. No. 203: Other subjects.

A) Visit of faculty members to various autonomous institutions to know about examination process.

The Chairman briefed the council that, many compliance committees enquired regarding provision for showing answer scripts to students and also about transparency in examination system. As part of this

initiative, the institution has sent a group of 3-4 faculty to four autonomous institutions in the State to know about examination process adopted at their institution. They have given their report to Controller of Examination and the same has to be consolidated.

B) B.E (Honours):

The Chairman informed the council that, 20 credits extra to be earned by the students of 2018-19 batch onwards. VTU will provide the modalities and it will be implemented.

B) Ph.D. program under Autonomous Scheme.

The Chairman briefed that, as per the recent Autonomous guidelines by UG (Feb. 2018), the Autonomous institutions could offer Ph.D. program. The affiliating University will carry out admission process and give the Registration No. The institutions should form Research Advisory Committee to look at the progress of research scholars. The details will be worked out after VTU send us the guidelines.

The meeting concluded with thanks to the chair.

Member Secretary
Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

Chairman
Principal
R V College of Engineering
Mysuru Road
Bengaluru - 560 059

Proceedings of the 25th Academic Council Meeting held on 6th June 2019

Annexure – A

ACTION TAKEN REPORT

24th Academic Council Meeting held on 9th Oct. 2018

Sub. No.	Agenda Details	Action Taken
186	To read and record the proceedings of the 23rd Academic Council Meeting held on 10.7.2018 & Action Taken Report.	Read & Recorded.
187	Approval of new Chairpersons for Board of Studies & Board of Examinations	➢ New BoS Chairpersons were introduced.
188	Approval for 2018 Scheme & Syllabus of MCA Program	➢ Suggestions incorporated and implemented. ➢ Printed copies were distributed to the students of 2018-19 batch through the departments.
189	Approval for 2018 Scheme & Syllabus of M.Tech Programs.	➢ Suggestions incorporated and implemented. ➢ Printed copies were distributed to the students of 2018-19 batch through the departments.
190	Approval of Handbook of rules, regulations and general guidelines for 2018 scheme – MCA and M.Tech programs.	➢ Incorporated the suggestions made by the Academic Council members. ➢ The Calendar of Events & Handbook of Rules, Regulations & General Guidelines has been issued to the newly admitted PG students for the academic year 2018-19.
191	Approval for amendment in Rules & Regulations for Vertical Progression w.r.t. 2016- 17 scheme UG programs.	➢ Implemented
192	Approval for one-year extension for the following students (a) Ms. Ankita Ishwar Halalli, bearing USN 1RV10CS019; (completed 8 years and has 3 backlog courses); (b) Mr. Eshwar Ritwik M, bearing USN 1RV15ME425; diploma students crossed five attempts in one course and requesting for one-year extension; (c) Ms. Twinkle Tiwari, bearing USN 1RV13IM066; Crossed 5 attempts in one course (Basic Electronics) and requesting for one-year extension.	Students were informed about the decision taken in the Academic Council. ➢ Ms. Ankita should seek approval from the University (VTU) to clear the backlogs and she has to complete the 3 backlogs before Aug. 2019. ➢ Mr. Eashwar Ritwik should clear one backlog course 12ME44 during Fast Track only once time attempt in 2019 or in 2020. ➢ Ms. Twinkle Tiwari is permitted to clear one backlog course 12EC14 as one last attempt during fast track semester in 2019, 2020 or in 2021.
193	Other subjects. (a) Provision to write Makeup Examination during Fast Track examinations for students participated in NCC – RDC camp.	➢ The Examination Board opined that more clarity on this issue to be obtained from the Academic Council.

N. K. Srinivasa

Member Secretary
Academic Council

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

Proceedings of the 26th Academic Council Meeting held on 9th July 2019

The members suggested the following:

a) Prof. YJR: Title of Dissertation to be renamed as "Major Project – Phase / Stage I & II".
b) Dr. Ravindra: E-Vehicles, Intelligent Transport System, Autonomous Vehicles, Transportation Economics to be included as electives in Structural Engg. / Highway Technology. He also suggested that courses viz. Smart Materials, Artificial Design System, Building Intelligent Modeling could be looked into.
c) Dr. Raghunath: Proper guidelines to be framed for on-time submission of dissertation.
d) Dr. Kori: LTE & 5G could be included as Electives in Digital Communication.
e) Dr. Kori: EDGE Computing to be included as Elective in Software Engineering
f) Dr Ravindra: Robotics Engineering & Ergonomics to be offered as electives in Bio-Medical Signal Processing & Instrumentation course. He also suggested to give students a project to audit efficiency of RVCE campus.

Resolution: After detailed discussions, the Council approved scheme & syllabus of 3rd & 4th Sem. M.Tech programs with suggested changes to be incorporated before distributing it to the students.

Sub. No. 205: Approval for 2018 Scheme of 5th to 8th Sem. UG Programs.

Respective Chairperson of Board of Studies presented the scheme of 5th to 8th sem. UG programs.

Following suggestions were made by the external members.

a) Dr. Ravindra: Elective 'Alternative Energy' should be more specific to the desired course in BT
Marine Engineering could be offered as Elective in Civil Engineering.
Energy Audit & Instrumentation to be included as Elective in E&IE.
Aviation Mechanism to be included as Elective in 7th Sem. ASE.
Course on 'Signals & Systems" pre-requisites for ASE to be relooked in to.
Suggested to offer Airport Design & Space Port Design electives in association with CV dept.
b) Chairman suggested that common courses in CS & IS to be mentioned properly.
c) Prof. YJR: Suggested titles of courses to be relooked in to in EEE & ECE.
d) Dr. Venkatesh: Suggested to change lab. from FEM to Control & Vibration in VII Sem. ME course.
e) Dr. Kori: Suggested to change course title 'Telecom Switching System' in 5th Sem. TCE.

Dr. Ravindra also suggested that Physics, Chemistry and Mathematics departments could prepare kits for school children, as part of outreach programmes of the institution.

Resolution: The Council approved 2018 scheme of 5th to 8th sem. UG programs and suggested to incorporate the changes as discussed in the meeting.

Sub. No. 206: Result analysis of Apr./May 2019 examinations of UG & May/Jun. 2019 examination of PG programs.

The Controller of Examinations highlighted about result analysis of UG & May/Jun. 2019 examination of PG programs. **(Annex. II)**

Sub. No. 207: Approval of finalized list of Graduates for the passing out batch of B.E. students 2015-19, B.Arch 2014-19, M.Tech 2017-19 and MCA 2016-19.

The Chairman informed the Council that, M.Tech viva-voce examination is still under progress and the college has given cut-off date for completion of viva-voce examination till 20th July 2019. The list of 2019 batch graduating students of M.Tech program will be appended later and circulate the same to Council Members for the approval. The final list will be published in the Convocation Souvenir and it will be distributed to the students during Graduation Day on 27th Jul. 2019.

Proceedings of the 26th Academic Council Meeting held on 9th July 2019

Resolution: The Council approved the list of graduates for the passing out batch of B.E., B.Arch, and MCA students. Also, approved to append the list of M.Tech graduating students after 20th Jul. 2019. **(Annex. III)**

Sub. No. 208: Approval of Rank List of graduates for the passing out batch of B.E. students 2015-19, B.Arch 2014-19, M.Tech 2017-19 and MCA 2016-19

The Controller of Examination presented the Rank List of graduates for the passing out batch of B.E., B.Arch. and MCA students & provisional rank list of graduates of M.Tech students.

Resolution: The Council approved the Rank list of graduates for the passing out batch of B.E., B.Arch, and MCA students. Also, approved to append the Rank list of M.Tech graduating students after 20th Jul. 2019. **(Annex. IV)**

Sub. No. 209: Approval of list of Gold Medalists of Passing out batch of 2019.

The Controller of Examinations presented the list of Gold Medalists of Passing out batch of 2019.

The Chairman briefed that in respect of MCA Gold Medal, alumini of MCA have contributed for the Medal.

Resolution: The council approved the list of Gold Medalists of Passing out batch of 2019. **(Annex. V)**

Other subjects.

Prof. Ravindra suggested that the institution could look at offering one-year Diploma Courses in foreign Languages. The Chairman briefed that currently the institution is offering one year Certification Program under FHWS-RVCE collaboration.

The meeting concluded with thanks to the chair.

Member Secretary

Member Secretary
Academic Council
RV College of Engineering (Autonomous)
Bangalore-560 059

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Proceedings of the 26th Academic Council Meeting held on 9th July 2019

Members Present:

1) Dr. K.N. Subramanya, Principal – Chairman
2) Dr. Ravindra S. Kulkarni – HOD, ASE
3) Dr. Vidya Niranjan, HOD-Biotech
4) Dr. Vinod Kallur, HOD-CH
5) Dr. Radhakrishna, HOD- Civil Engg.
6) Dr. P. Ramakanth Kumar, HOD – CSE
7) Dr. K.S. Geetha, HOD-ECE
8) Dr. Rudranna Nandihalli, HOD-EEE
9) Dr. CH Renumadhavi, HOD-EIE
10) Dr. B.M. Sagar, HOD-ISE
11) Dr. C.K. Nagendra Gupta, HOD-IEM
12) Dr. Andhe Dharani, Director-MCA
13) Dr. M. Krishna, HOD-Mech.
14) Dr. K. Sreelakshmi, HOD-TE
15) Dr. Sudha Kamath, HOD-Physics
16) Dr. Raviraj Kusanur, HOD-Chemistry
17) Dr. K. Sreedevi, HOD-Mathematics
18) Dr. N.S. Narahari, Chairman-HSS
19) Dr. B.V. Uma (Dean-Student Affairs)
20) Prof. S. Venkatesh - EIE
21) Dr. Rajashree Shettar – CSE
22) Dr. M.R. Anala - CSE
23) Dr. C. Vidya – CH
24) Prof. K. Vasudeva Banninthaya – CoE
25) Dr. R. Suresh – Chemical Engg.
26) Dr.H.D. Gopalakrishna - ME
27) Dr. K.V. Padmaja – EIE
28) Dr. Ravindra R – CV
29) Dr. N. Shanmukha – Dean (Academics)

External Experts:

1) Dr. Y.Jagannadha Rao, Visiting Prof. SIT
2) Dr.C.V.Venkatesh, HOD, ME-MCE, Hassan
3) Prof. S.V. Ravindra, Retd. Prof. UVCE
4) Dr. S. Raghunath, Prof. CV, BMSCE
5) Dr. M.H. Kori, Retd. Tech. Dir. Alcatel Lucent

Leave of Absence:

1) Dr. T.C. Thanuja, Prof. VTU PG Centre-Belagavi
2) Dr. B. Renuka Prasad, MCA
3) Dr. B.C.Udayashankar – CV
4) Mr. Nithin M – ECE

The Chairman welcomed all the members.

Sub. No. 203: To read and record the proceedings of the 25th Academic Council Meeting held on 06.6.2019 & Action Taken Report.

The Chairman briefed the members about proceedings of the 25th Academic Council Meeting held on 6.9.19 and action taken thereon. **(Annex. I)**

Since no comments were received from the members, the proceedings and action taken report of 25th Academic Council meeting were read and recorded.

Achievements of RVCE.

The chairman briefed the members about Millenium-2019, a brainstorming session organized by the Management for Heads of Institutions, HoDs along with Trustees of RSST on 6th & 7th July 2019. He also highlighted about various activities of the institution from Jul. 18 – Jun. 19.

The members congratulated faculty, staff and students for the achievement and also applauded them for their unstinted efforts for the growth of the institution.

Sub. No. 204: Approval for 2018 Scheme & Syllabus of 3rd & 4th Sem. M.Tech Programs.

Respective Board of Studies chairperson presented the scheme & syllabus of 3rd & 4th Sem. M.Tech programs.

Annexure – I

RV COLLEGE OF ENGINEERING®
BENGALURU – 59.

ACTION TAKEN REPORT

25th Academic Council Meeting held on 6th June 2019

Sub. No.	Agenda Details	Action Taken
194	To read and record the proceedings of the 24th Academic Council Meeting held on 09.10.2018 & Action Taken Report.	Read & Recorded.
195	Achievements of RVCE	➢ Principal highlighted the achievements of RVCE. Committee members appreciated the progress made by the institution.
196	Information about change in revised Autonomous Guidelines of UGC.	➢ Information provided and obtained approval to proceed further.
197	Approval of Handbook of General Information, Academic Rules, Regulations and Guidelines for B.E. Students of 2019-20 batch.	➢ Suggestions incorporated. and implemented. ➢ Printed copies will be distributed to the students of 2019-20 batch through the departments.
198	Ratification of new Board of Studies members for the term 2019 – 2022.	➢ Ratified
199	Approval for 2018 Scheme of 5th to 8th Semester UG programs.	➢ It was decided to discuss the agenda point in the next Council Meeting.
200	Approval for 2018 Syllabus of 3rd & 4th Semester BE & MCA Programs.	➢ Suggested changes have been incorporated in the scheme and syllabus.
201	Result analysis of Dec. 18 / Jan. 19 examinations of UG & PG programs.	➢ Discussed and noted the observations of the members for further improvement.
202	Graduation Day 2019 approval.	➢ Graduation Day on 27.7.2019. Preparations under process.

Member Secretary
Academic Council
Member Secretary
Academic Council
RV College of Engineering (Autonomous)
Bangalore-560 059

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Proceedings of the 27th Academic Council Meeting held on 18th Dec 2019

Members Present:

1) Dr. K.N. Subramanya, Principal – Chairman
2) Dr. Vidya Niranjan, HOD-Biotech
3) Dr. Vinod Kallur, HOD-CH
4) Dr. Radhakrishna, HOD- Civil Engg.
5) Dr. P. Ramakanth Kumar, HOD – CSE
6) Dr. Rudranna Nandihalli, HOD-EEE
7) Dr. K.S. Geetha, HOD-ECE
8) Dr. CH Renumadhavi, HOD-EIE
9) Dr. C.K. Nagendra Gupta, HOD-IEM
10) Dr. B.M. Sagar, HOD-ISE
11) Dr. M. Krishna, HOD-Mech.
12) Dr. Andhe Dharani, Director-MCA
13) Dr. K. Sreelakshmi, HOD-TE
14) Dr. Sudha Kamath, HOD-Physics
15) Dr. Raviraj Kusanur, HOD-Chemistry
16) Dr. Shivakumar N, for- HOD-Mathematics
17) Dr. N.S. Narahari, Chairman-HSS
18) G. Sadashivappa, Controller of Examination
19) Dr. B.V. Uma (Dean-Student Affairs)
20) Dr. Uma Rao, Professor, EEE
21) Prof. Ramesh S Sharma, Associate Prof, ME
22) Dr. KVS Rajeshwara Rao, Assc. Prof, IEM
22) Dr. G Sirisha, Asst. Professor, Physics
23) Dr. N. Shanmukha – Dean (Academics- (& Member Secretary)

External Experts:

1) Dr. M.H. Kori, Retd. Tech. Dir. Alcatel Lucent
2) Dr. Rajashekhar Malur, CTO, Tata consulting
3) Dr. T C Tanuja, Prof,VTU-PG Centre Belagavi
4) Dr.C.V.Venkatesh, HOD, ME-MCE, Hassan
5) Dr. S. Raghunath, Prof. CV, BMSCE

Special Invities:

1) Dr. Rajashree Shettar – CSE
2) Dr.M. V Renukadevi – CV
3) Dr. K.V. Padmaja – EIE
4) Dr. R. Suresh – Chemical Engg.
5) Dr. Ravindra R – CV
6) Dr.H.D. Gopalakrishna - ME
7) Dr. B Renuka Prasad - MCA
8) Dr. G.S Nagaraj – CSE
9) Dr. H V Kumarsway – ETE
10) Dr. G.S Mamatha, ISE
11) Dr. H V Ravisharadhya – ECE
12) Dr. S G Srivani – EEE
13) Dr. H N Narasimha Murthy – ME

Leave of Absence:

1) Dr. Ravindra S. Kulkarni – HOD, ASE
2) Dr. Kavi Mahesh, Director, IIIT, Dharwad

The Chairman welcomed all the members.

<u>Sub. No. 210</u>: To read and record the proceedings of the 26th Academic Council Meeting held on 09.7.2019 & Action Taken Report.

The Chairman briefed the members about proceedings of the 26th Academic Council Meeting held on 7.9.19 and action taken thereon. **(Annex. I)**

Since no comments were received from the members, the proceedings and action taken report of 26th Academic Council meeting were read and recorded.

Sub. No. 211: Achievements of RVCE.

The chairman briefed the members about the project grants received along with the different Projects and consultancy works submitted to Funding Agencies across the country. Chairman also gave a detailed view of the training / consultancy activities carried out by the faculty. He also highlighted about various activities of the institution from Jul. 19 to Dec. 19, which included invited talks, expert lecutes, patents filed, MoUs signed, publications by staff and students, Students achievements of winning in national and state level hackathon.

Chairperson also emphasized upon his visit to University of Applied Sciences - Wurzburg-Schweinfurt and UAS-Dortmund, in October along with Sri. D.P. Nagajaraj - Hon. Jt. Secretary and the joint colloborations of both the organizations. He also gave overview of the World Space Week (WSW)-2019 The Moon: Gateway to the Stars organized by the college in association with U.R. Rao Satellite Centre-ISRO and the "German Energiewende" (German Energy Transition) Exhibition at RVCE Campus organized in association with Consulate General of the Federal Republic of Germany-Bengaluru and the success of all events carried out. **(Annex. II)**

The members congratulated faculty, staff and students for the achievement and also applauded them for their unstinted efforts for the growth of the institution.

Sub. No. 212: Information on statutory committee visits

Information of the NBA peer committee visiting the college for the five PG programs - Communication Systems, Radio Frequency & Microwave Engineering, VLSI Design & Embedded Systems, Software Engineering and Product Design & Manufacturing was given along with, Two more departments PG – ME and MCA have applied for NBA and expecting the visit of the committee in the coming months.

Sub. No. 213: Information about implementation of AICTE Activity points.

Chairperson gave a brief report on the activities carried out by the students during the last six months and outcomes. The activities for the AICTE Activity points included visits to around 10 villages and doing school rejuvenation activities such as painting, plantation, educating, Clean up drive, Science concept knowledge transfer to village school students through working prototype. Information about 30 students of various department participated in World Youth Meet held in Sri Sathya Sai Seva Mandir, Muddenahalli was also given **(Annex.III)** and was well appreciated by all

Sub. No. 214: Ratification of Students re-admitted to new scheme

The list of scheme change students were projected and briefed upon. **(Annex.IV)**

Resolution: The Council approved and ratified to the above said changes.

Sub. No. 215: Approval / Ratification of BoS meeting points

Credit adjustment for a list of courses and the students were displayed and informed that the approval from the respective BoS committee members was taken and asked for approval of the committee.
Vinay K V (1RV16TE411) lateral student had studied an extra course which needs to be cancelled to do credit adjustment of 150 credits, information was given that the BoS approval has been taken for the same and requested to be approved by the AC.
Final point was BoS Chairperson of AS presented for change in course content of 4th Sem. Aerospace Engineering, Course - Electronics & Communication Systems (Theory) **Course Code: 18**AS45 and

discussed about the course contents and asked to be ratified. Discussion was carried out between the members regarding the contents and Dr.C.V.Venkatesh asked about the comments and suggestions in the BoS meeting and Dr. Sreelakshmi, Dr. Geetha gave inputs upon the BoS external members inputs and justifications of the changes done. **(Annex.V)**

Resolution: The Council approved and ratified to the above said changes.

Sub. No. 216: Approval of Paper –seeing process

The Controller of Examinations highlighted and briefed upon the full process of paper viewing process to be implemented from the Nov-Dec 2019 examination onwards and asked for approval to carry out the process. **(Annex.VI)**
All the committee members accepted and appreciated the process.

Resolution: The Council approved the paper viewing process

Other subjects.

Dr. S. Raghunath, appreciated the steps taken by RVCE and insisted that RVCE should initiate in conducting open book examinations for both CIE and SEE and should be a role model for other institutions!

The meeting concluded with thanks to the chair.

Member Secretary
Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

Annexure – I

ACTION TAKEN REPORT

26th Academic Council Meeting held on 9th July 2019

Sub. No.	Agenda Details	Action Taken
203	To read and record the proceedings of the 25th Academic Council Meeting held on 06.6.2019 & Action Taken Report.	Read & Recorded.
	Achievements of RVCE	➢ Information provided and the members appreciated the achievements.
204	Approval for 2018 Scheme & Syllabus of 3rd & 4th Sem. M.Tech Programs.	➢ Suggested changes were incorporated in the scheme and syllabus. ➢ Printed copies were distributed to the students through departments.
205	Approval for 2018 Scheme of 5th to 8th Sem. UG Programs.	➢ Suggestions incorporated in the scheme.
206	Result analysis of Apr./May 2019 examinations of UG & May/Jun. 2019 examination of PG programs.	➢ Information provided program wise.
207	Approval of finalized list of Graduates for the passing out batch of B.E. students 2015-19, B.Arch 2014-19, M.Tech 2017-19 and MCA 2016-19.	➢ The list of Graduates, Rank Holders and Gold Medalists of passing out batch of 2019 were approved. ➢ Ninth Graduation Day was conducted on 27th Jul 2019. Dr. Omkar Rai, Director General, Software Technology Parks of India (STPI)-New Delhi, was the Chief Guest and delivered the Graduation address. ➢ Gold Medals and Rank Certificates for UG & PG students were distributed. ➢ 1550 Provisional Degree Certificates were distributed to the B.E, B.Arch, M.Tech & MCA students of 2019 passing out batch.
208	Approval of Rank List of graduates for the passing out batch of B.E. students 2015-19, B.Arch 2014-19, M.Tech 2017-19 and MCA 2016-19	
209	Approval of list of Gold Medalists of Passing out batch of 2019	

14/12/19
Member Secretary
Academic Council

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

Annexure – II

S. No.	Project Name	PI & Co PI	Proposal submitted to	Budgeted Amount (in Rs.)
1	Development of value addition control of indirect Antibiotic consumption through food chain by the treatment of Antibiotic Resistant bacteria using Bacteriophage as a therapeutic agent in poultry and livestock.	PI: Dr Lingayya Hiremath Co-PI: Internal Members Dr Praveen Kumar Gupta, Dr Ajeet Kumar Srivastava, Mr Narendra Kumar S, Ms Sindhu R (EC), External Members Dr Jagadeesh Bhat (Research Scientist Gangagen Industry Yashwantpur), Dr Ramprakash Yadav (Veterinary Officer, BRD Medical College-Gorakhpur)	BIRAC	85,00,000
2	Development of Ultrasensitive Thin Film Nano-Biosensor enabling Multimode detection and quantification for PoC diagnosis of H1N1	PI: Dr. Vidya Niranjan	Millennium alliance	82,12,000
3	Chemogenomic approach to regulate biotic stress in chick pea (Cicer arietinum)	PI: Dr. Vidya Niranjan	Millennium alliance	35,00,000
4	Ayurvedic complementary therapies for Body mind Spirit	PI: Prof. Kaviraj Udupa (Nimhans) Co-PI: Dr. Raju.H	Ministry of Ayush - EMR	1,50,00,000
5	Regulation of Xanthosine Metabolism and its effect on caffiene biosysnthesis in coffee plant	Project Coordinator: Dr Giridhar (CFTRI), PI-Dr Nagashree N Rao (BT), Co-PI- Dr Ashwini Sharma (BT)	DBT	53,40,000
6	Automated BOT	Dr. Nagaraj G Cholli Prof. Bhaskar K	IIIT-B	50,00,000
7	Strain Measurement of Loading Platform of ALWT	Dr. H N Narasimhamurthy Prof. Gangadhar Angadi,	NSTL-Visakhapatnam	6,01,000
8	Design and Development of conducting polyethersulfone-polyaniline grafted membranes for water purification	Dr. Vishnumurthy K.A.	Competitive Research Funding Scheme, VTU-TEQIP CELL	2,09,000
9	Rational design and fabrication of metal chalcogenide nanostructures for electro-chemical conversion of water in to H2 fuel	Dr. Manjunatha C		3,00,000
10	Design and Development of Mobile and Web based application – e-Market	Dr. Rajashekara Murthy S Dr.Chethana R Murthy		3,00,000
11	Design and Implementation of a Piezoelectric Energy Harvesting System	Dr. Premananda (TC) - PI Dr. Nagabushanam M. (EC-RIT) - CoPI		2,95,000
12	CNN based Efficient Image Compression Architectures of FPGA for Telemedicine Applications	Dr. Nagabushanam M. (EC-RIT) - PI Dr. Premananda (TC) - CoPI		2,90,000
13	Computer Vision: An Artificial Business tool for Visually Impaired	PI: Dr. Ramakanth Kumar P (CS) Co-PIs: Dr. Sreelakshmi K (TC), Dr. Anala M R, Dr. Hemavathy R (CS), Dr. Bhagya R, Mr. Mithun T P (TC)	DST-TIDE	38,18,000
14	Ergonomics Intervention on employee productivity and remedial measures in Automobile companies	Dr. K N Subramanya Dr. C K Nagendra Guptha Dr. Sunil R Y Mrs. Shobha N S	IMPRESS Indian Council of Social	14,94,000

15	Developing a framework for assessing the impact of social media and ICT enabled tools on the effectiveness of teaching learning process in engineering	Dr. N S Narahari Mr. Bhaskar M G Mrs. Nandini B	Science Research	14,70,000
16	Benchmarking Studies for Implementation of Intelligent Public Transportation System	Dr. Rajeswara Rao K V S Dr. Ramaa A		14,94,000
17	Victimization of Women in Cyber Space - a Case Study with Special Reference to Karnataka IT/ITES Industry	Mrs. Chitra B T Dr. Vijayakumar M N Dr. Vikram N B		13,40,000
18	Developing a ASAR Model to isolate bioactive potentials in the molecules of homoeopathic medicine to match prescription evidences for Rheumatoid Arthritis.	PI: Dr. V. Guruprasad, Prof. & Head, Govt. Homoeopathic Medical College Co-PIs: Dr. Vidya Niranjan, RVCE Dr. Sharanapa V. Hakkaladaddi, Govt. Homoeopathic Medical college-BLR	Rajiv Gandhi University of health Sciences	19,20,000
19	Workshop on genome sequencing and editing application in life sciences	Dr. Vidya Niranjan (BT) - PI	DBT	8,65,000
20	MicroRNA sequencing for identification of mutation pattern and induce rectifying modification in miRNA or target for Triticum aestivum crop improvement	Dr. Vidya Niranjan (BT) - PI	DBT	63,71,000
21	Developing a model to study bioactive compounds of homeopathic compounds to match prescription evidence's for diabetes mediated gangrene	Dr. Vidya Niranjan (BT) - PI	BIRAC	19,26,000
22	Development of Ultrasensitive Thin Film Nano-Biosensor enabling Multimode detection and quantification for Point-of-Care diagnosis of Influenza A Virus H1N1	Dr. Vidya Niranjan (BT) - PI	BIRAC	1,07,49,000
23	Development of an integrated module to analysis natural variations and mutation pattern at a genetic level of rare diseases	Dr. Vidya Niranjan (BT) - PI	DBT, ATGC	16,60,000
24	Digital Disruptive Technology and its Implementations for Engineering Institutions	Dr. Nagaraja G.S (CS) - PI Dr. Vinay Hegde (CS) - Co-PI	DST	57,77,200
25	Development of Automated Detection and Grading of Cashew Kernels	Dr. Veenadevi S.V (EC) - PI Dr Saraswathi K, Sujatha Hiremath (EC) - CoPIs	UAS-GKVK	10,00,000
25	Science boot camp 2019	Dr. Vidya Niranjan (BT)	K-BITS	5,00,000
26	Hands-on training on Machine learning & Deep learning in Artificial Intelligence.	PI: Ms. Chaithra Co-PI: Dr. Vidya Niranjan	DGT	10,05,000
27	Development of high performance functional materials for ecofriendly, sustainable energy conversion and storage devices	PI-Dr. Nagaraju G (SIT-Tumkur) CoPI- Dr. Manjunatha C (Chy) RVCE	SUPRA-SERB-2019	86,95,400

28	Skill development in design, analysis & simulation of circuits, devices and systems in wireless communication system fir the present engineering education	PI: Dr. Nagamani K (TC) Co PI: Dr. Sreelakshmi K (TC)	DST	10,19,000
	Total			**9,86,50,600**

A) Project Grants Received from funding agencies:

Sl No	Project Name	PI & Co PI	Funding Agency	Sanctioned Year	Sanctioned Amount	Amount Received	Remarks
1	Assessment of SNP Variation in Silkworm (Bombyx mori L.) by RAD Sequencing and Genome-wide Association Mapping of Important Commercial Traits	Dr. Vidya Niranjan (BT) - PI	DBT	2017	24,27,000	5,73,000	2nd yr. grant recd.
2	Science Boot camp	Dr. Vidya Niranjan	DST-INSPIRE	2019	9,75,000	8,00,000	1st instalment
3	National Internship Platform, RVCE	Dr. Vidya Niranjan	Bangalore Bio Summit	2019	70,000	70,000	Grant recd.
4	INSPIRE Internship Science Camp	Dr. Vidya Niranjan (BT)	DST-INSPIRE Program	2019	9,75,000	8,00,000	1st instalment
5	Structural analysis of SK42B hard points through modelling and FEM studies to qualify the carriage of a 350kg payload on these points under different flight conditions	Dr. H.N. Narasimha Murthy (ME)	NSTL-Vishakapatnam	2019	4,72,000	83,067	1st instalment
6	Strain Measurement of Loading Platform of LWT	Dr. H.N. Narasimha Murthy (ME)	NSTL-Vishakapatnam	2019	6,01,800	1,05,911	1st instalment
Total					**55,20,800**	**24,31,978**	

B) Training / Consultancy Activities carried out / amount received:

Sl. No.	Training / Consultancy work	Faculty involved	Funding Agency	Amount Recd. (in Rs.)
1	Vetting of Impounding Reservoir – Chikkamadinala Project	Dr. T. Raghavendra Dr. M. Lokeshwari Prof. D. Sindhu	RDW&S Dept., GoK	59,000
2	Vetting of Hydraulic Designs & Drawings – Koppal Project	Dr. T. Raghavendra Dr. M. Lokeshwari Prof. D. Sindhu	RDW&S Dept., GoK	5,39,532
3	Mix proportion concrete grade M25,M30,M35 physical testing of steel concrete cube, cement and aggregates	Anand kumar B.G. Vageesh H.P Dr. Somanath M Basuthkar	Spectrum Buildtech	1,52,456

4	Training on "Python & Machine Learning" on 17th, 18th, 24th and 25th Aug 2019	Dr. B M Sagar, Prof. Priya D	Coding club	16,000
5	Physical testing of reinforcing steel, concrete cubes, cement and aggregates, and Mix proportioning of concrete	Dr.A.R.Vinod, Prof.B.G.Anand kumar Prof.Venugopal G. Prof. Vageesh H.P.	Ambika Panchal Construction company, Bengaluru-102.	50,000
6	Vetting of the WTP Hydraulic designs and drawings – Pavagada Project	Dr. T. Raghavendra Dr. M. Lokeshwari Prof. D. Sindhu	RDW&S Dept. GoK	37,800
7	Consultancy	Dr. Vidya Niranjan Dr. Ashok Kumar	Avyyaya Agritech LLP	15,000
8	Consultancy work- Testing of construction materials	Dr. A R Vinod	Ambika Panchal Construction Co. B'luru.	35,000
9	Consultancy	Dr.Vidya Niranjan Dr. Lingayya Hiremath	MSRUAS, Bengaluru	5,000
10	Consultancy services for DBM grade I	Sunil S	Bureau Veritas Pvt. Ltd. (India)	11,800
11	Testing of beams	Dr Radha Krishna Prof B G anand Kumar Prof Somanath M Basutkar	M/s Somani Wires, Seethanayakana Halli, Lakkur Hobli, Kolar	14,160
12	Testing of beams	Dr Radha Krishna Prof B G anand Kumar Prof Somanath M Basutkar	M/s Somani Wires, Seethanayakana Halli, Lakkur Hobli, Kolar	12,036
13	Testing of columns	Dr Radha Krishna Prof B G anand Kumar Prof Somanath M Basutkar	Vinay Sriguru BIT Bangalore	14,160
14	Concrete cube testing	Anand kumar B.G. Vageesh H.P Somanath M.B	Bharath Kumar C.	2,832
15	Concrete cube testing	Anand kumar B.G. Vageesh H.P Somanath M.B	Sri Lakshmi Venkateshwara Engineering works	4,248
16	Compression test on concrete cubes and Soil test	Dr.A.R.Vinod, Prof.Venugopal G Prof. Vageesh H P	Ambika Panchal Construction company, Bengaluru- 102.	15,000
17	Material property of Sadarhalli stone	Dr Somanath M B Mr. Shiva Prakash B G	KSSCEM, Bengaluru	9,676
18	Concrete cube testing Testing of light weight blocks	Prof. Anand kumar B G Prof. Vageesh H.P Dr. Somanath M.B	Sri Lakshmi Venkateshwara Engineering works	3,304
19	Finite Element Analysis of Turbine and its components.	Prof. Dr. S Seetharamu, Dr.Nataraj, Dr.Ramesh S Sharma, Dr. V. L. Jagannatha Gupta	TOKOL Machine Tools Ltd-Peenya Bangalore	50,000
	Total			**10,47,004**

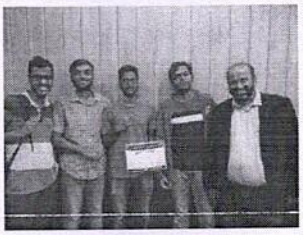
C) Other details:

Sl. No.	Particulars	
1	Workshops / Seminars / Conference / Events Organized	38
2	Invited talks delivered by faculty	66

3	Expert Lectures organized by the depts.	29
4	No. of workshops / Seminars / Conferences attended by Faculty/ Staff:	104
5	Journal Publications by Faculty (International / National)	48 / 6
6	Conference Publications by Faculty (International / National)	13/ 21
7	Book published/chapter authored by faculty	08
8	MoUs / MoA signed	09
9	Patent Filed / Published	3 / 2
10	Industrial visits by students	08

D) Students Achievements:

- Rajat Keshri, Nishanth D.A & Vijay Koundinya (7th Sem. ECE students) won 2nd place in JU Incubator Blockchain hack (National level Blockchain hackathon) on 21.09.2019 & 21.09.2019 @ Jain College.



Sl. No.	Name of the student	USN No.	Award / Achievement Details	Awarded by – Organization Name
1	Nithin M Banakar	1RV16EC414	Won state level hackathon in software and hardware	Institutions Innovation Council (IISC) of JSS Science Technology University
2	Rajesh Rahul N	1RV16EC418		
3	B.Venkatesh Prasad	1RV15EC027		

E) Other Activities:

- Sri. D.P. Nagajaraj - Hon. Jt. Secretary, RSST and Dr. KN Subramanya visited University of Applied Sciences - Wurzburg-Schweinfurt and UAS-Dortmund, to discuss about joint collaborations from 19th - 30th October 2019.





- RVCE in association with U.R. Rao Satellite Centre-ISRO, organized **World Space Week (WSW)-2019 The Moon: Gateway to the Stars** – on 5th Oct. 2019 at RVCE campus. Mr. M.S. Srinivasan, URSC Co-ordinator and Mrs. Vijayalakshmi Bidari, IAS, Controller URSC – Chief Guests during the inauguration function.




- RVCE in association with Consulate General of the Federal Republic of Germany-Bengaluru, organized "German Energiewende" (German Energy Transition) Exhibition at RVCE Campus, from 18th to 25th Oct. 2019. Consul General Mrs. Margit Hellwig-Boette inaugurated the exhibition. Elios Sprung-Project Management Agriculture-Photovoltaics, Indo-German Energy Forum (IGEF)-New Delhi, Mr. Satyaki Raghunath, Chief Strategy & Development Officer, KIAL were the Chief Guests during the inauguration of the exhibition on 18.10.19.

Annexure – III

AICTE activities Carried as on 1st Dec 2019

Sl. No	Date	Activity details
1.	21-22 Sept 2019	Electronics and Telecommunication Engineering: 1st Semester Students visited Makali and Honganoor, Ramanagara District Government School **Activity**: School rejuvenation activities such as painting, plantation, educating
2.	2nd Oct 2019	Computer Science and Engineering: 3rd Semester students visited 3 villages of Ramohalli Gram namely Ramohalli,Vinayaka Nagar, Maligondanahalli **Activity:** Clean up drive in 3 villages of Ramohalli Gram Panchayat
3.	19th Oct 2019	Computer Science and Engineering 3rd Semester visited 6 villages of Ramohalli Gram Panchayat namely Ramohalli, Vinayaka Nagar, Gulagunjanahalli, Marugondanahalli, Maligondanahalli, Bettanapalya **Activity:** Data collection activity
4.	19th – 22nd Nov 2019	Electronics and Instrumentation Enginnering, 3rd Semester students visited 4 Govt. Schools in Mkerenahalli, Kakaramanahalli, Ganakal & Bannikuppe **Activity:** Science concept knowledge transfer to village school students through working prototype
5.	19th -24th Nov 2019	30 students of various department participated in World Youth Meet held in Sri Sathya Sai Seva Mandir, Muddenahalli

Annexure – IV

SCHEME CHANGE STUDENT LIST			
Sl. No.	USN	Name of the Student	Program
1	1RV17CH016	M Kumar	CH
2	1RV16CH009	Gireesh.N	CH
3	1RV17BT049	Shrinidhi Rachappa Saradagi	BT
4	1RV17BT060	Shreya.N.M	BT
5	1RV18EC428	Sharankumar	EC
6	1RV17CV106	Sheetal.SP	CV
7	1RV16TE050	Shohangi Srivastava	TE
8	1RV16CV109	Syed Anas Ali Sharaf Shah	CV
9	1RV16EC145	Shashi Singh	EC
10	1RV17CV088	Rayan Mohammed	CV
11	1RV17EC026	Ayush Allen Louis	EC
12	1RV15EI053	Srajan Varshney	EI
13	1RV18TE407	Sagara G.N	TE
14	1RV17EI010	Anoop C	EI
15	1RV17ME016	Ashika Nagaraj	ME
16	1RV16EC163	Srinikhil Reddy	EC
17	1RV17EC153	Sidhant Pareek	EC
18	1RV16IS001	Abhileen Singh saluja	IS
19	1RV16CS132	Sanvi Shekar	CS
20	1RV17CS069	Kakarala Deepthi	CS
21	1RV16ME111	Srivatsa Purushottam	ME
22	1RV16EC056	G.Shivadatta Reddy	EC
23	1RV16ME104	Shreyas Reddy. M	ME
24	1RV16ME072	Nithin.G	ME
25	1RV 17IM017	Girish Gowda. M	IM
26	1RV17ME029	K.Gangan Shetty	ME
27	1RV17EC027	Bacha. Ruthvik	EC
28	1RV17BT004	Aditya Anand	BT
29	1RV17EC064	Kushal. R. Kabbathi	EC
30	1RV16IS045	Samridh Sahu	IS
31	1RV17ME101	Shashanth.S.K	ME
32	1RV17ME038	Ishan Mohan Mathur	ME
33	1RV17EC124	Rishab Kumar. T	BE
34	1RV17CS428	Shaman.N	CS

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Annexure – V

The list of courses that will be offered for credit adjustment of the following students

Sl. No	Students Name	Credits to be adjusted	Courses offered	
			Title	Credit
1	Swaroopnath G 1RV15TE055	5	Cryptography and Network security(16TE6D3)	4
2	Ashish M 1RV15TE012			
3	Prathik Srivastava 1RV14TE041		Constitution of India and Professional ethics(16HSC26)	1*
4	Vikram Ravishankar A 1RV12TE058	2	Constitution of India and Professional ethics(16HSC26)	2
5	Ojaswi 1RV15TE038	2	Constitution of India and Professional ethics(16HSC26)	2
6	Sheema Kauser IRV15TE049	2	Constitution of India and Professional ethics(16HSC26)	2

The following lateral student has studied an extra course which needs to be cancelled to do credit adjustment of 150 credits.

Sl. No	Students Name	Credits to be adjusted	Courses to be cancelled	
			Title	Credit
1	Vinay K V (1RV16TE411)	4	Analog Communication (16TE43)	4

Change in Course Content – 4th Sem. Aerospace Engineering:

Semester: IV			
ELECTRONICS & COMMUNICATION SYSTEMS (Theory)			
Pre-requisite: Fundamentals of Electro-Magnetic Theory; Basic Electronics			
Course Code: 18 AS 45		**CIE Marks:** 100	
Credits: L:T:P:S: 3:0:0:0		**SEE Marks:** 100	
Hours: 39L		**SEE Duration:** 3 Hours	
Course Learning Objectives: To enable the students to:			
1	Acquire In-depth knowledge of Electronic components and circuits as modules		
2	Understand the Fundamentals of Analog & Digital Communication.		
3	Acquire In-depth knowledge of Digital Communication Techniques.		
4	Understand the Manufacturing of Electronic components and circuits as modules.		
Unit-I			
Review of Electronics circuits: current-voltage characteristics, configuration and operations of BJT & MOSFET. Basics of linear ICs, operational amplifiers, Effect of Finite Open-Loop Gain, finite bandwidth, large signal operation of opamps - slew rate. **Linear Opamp circuits** – Non inverting and inverting amplifiers, Difference and Instrumentation amplifiers. **Nonlinear Opamp circuits** - Schmitt trigger, Sine wave oscillators – Opamp RC oscillators - Phase shift and Wien bridge oscillator, LC tuned oscillators and crystal oscillators, precision rectifiers. Introduction to Passive and Active Filters and op-amp as LPF, HPF & BPF. (Qualitative Analysis/Block diagram approach).			**08 Hrs**
Unit -II			

Fundamental of communication systems, signals and information, system block diagram, Review of Fourier series and Transforms –Energy/Power Spectral Density. **Sampling and Analog to Digital Conversion** Low Pass Sampling Theorem (Impulse, Pulse and Flat top), Bandpass and equivalent low pass signal representation **Review of Analog & Digital Communication system**: AM/FM, Sampling, quantizing, coding, PCM, DPCM; Digital modulation: ASK, FSK, PSK; Multiple access: TDMA, FDMA, CDMA. (Qualitative Analysis/Block diagram approach).	**08 Hrs**
Unit -III	
Transmission Lines: Introduction, transmission lines equations and solutions, termination of line by infinite line, by characteristic impedance, short circuit line, open circuit line, VSWR, problems **Waveguides:** TEM, TE, TM Waves – wave propagation in Rectangular, Circular & Planar wave Guides (Qualitative Analysis/Block diagram approach). Scattering matrix parameters, Transmission matrix, Signal flow graph, Impedance matching, Single and double stub tuning, Smith chart – Case study problems.	**08 Hrs**
Unit -IV	
RF and microwave communication: Microwave wave-guide and planar-based passive devices, Microwave resonators, Power dividers, directional couplers and filters, Isolator (Qualitative Analysis/Block diagram approach). Circulator, phase shifter, Microwave signal generators: Klystron, magnetron and TWT. Basics of Microwave Amplifier design, Gain and stability (Qualitative Analysis/Block diagram approach).	**07 Hrs**
Unit -V	
Antenna Basics: Introduction, antenna radiation mechanism, basic antenna parameters, patterns, radiation intensity, diversity and gain, antenna apertures, radiation efficiency and antenna field zones. **Introduction to Radar System:** The Radar Equation, Surveillance Form of Radar Equation, Radar Losses, Propagation effects Atmospheric attenuation, Reflection from the Earth's surface, Over-the-horizon diffraction, Atmospheric refraction, Target Radar Cross Section, Radar Antennas Reflector antennas, Phased array antennas.	**08 hrs**

Course Outcomes: At the end of this course the student will be able to:	
1	Summarize importance of electronic devices and their applications in communication systems.
2	Explain the process of E M Wave propagation and its application in Radar & Communication.
3	Understand the processes of manufacturing electronics & microwave devices.
4	Develop understanding for different types of communicational techniques.

Reference Books	
1	Microelectronic Circuits Theory and Applications, Adel S Sedra, & Kenneth C Smith, adapted by A Chandorkar, International version, 5th Edition, 2009, Oxford University Press, ISBN: 0195338839.
2	Modern Digital and Analog communication Systems, B.P.Lathi and Zhi Ding, 4th Edition, 2010 , Oxford University Press, ISBN: 9780198073802.
3	Analog & Digital Communication Systems, Simon Haykin, 1st Edition, 2014, John Wiley & sons, , ISBN 978-0-471-64735-5.
4	Microwave Engineering, David M. Pozar, 2nd Ed., John Wiley & Sons, Inc. 2004.
5	C A Balanis, "Antenna Theory and Design", John Wiley & sons, Inc. publication, 3rd Edition,2005,ISBN-13: 978-0471667827 .
6	Introduction to Radar Systems, Merrill Skolnik, McGraw Hill Education; 3rd edition, ISBN-13: 978-0070445338

Continuous Internal Evaluation (CIE): Total marks: 100+50=150

Theory – 100 Marks

CIE is executed by way of quizzes (Q), tests (T) and Self-Study(S). A minimum of three quizzes are conducted and each quiz is evaluated for 10 marks adding up to 30 marks. All quizzes are conducted online. Faculty may adopt innovative methods for conducting quizzes effectively. The number of quizzes may be more than three also. The three tests are conducted for 50 marks each and the sum of the marks scored from three tests is reduced to 50. The marks component for Self-study is 20. The total CIE for theory is 100.

Semester End Evaluation (SEE): Total marks: 100+50=150

Theory – 100 Marks

SEE for 100 marks is executed by means of an examination. The Question paper for each course contains two parts, Part – A and Part – B. Part – A consists of objective type questions for 20 marks covering the complete syllabus. Part – B consists of five main questions, one from each unit for 16 marks adding up to 80 marks. Each main question may have sub questions. The question from Units I, IV and V have no internal choice. Units II and III have internal choice in which both questions cover entire unit having same complexity in terms of COs and Bloom's taxonomy level.

CO-PO Mapping												
CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	1	3	1	3	1	1	1	-	-	-	2
CO2	3	2	3	1	2	2	-	-	-	-	-	1
CO3	3	3	3	2	3	1	-	-	-	-	-	2
CO4	3	1	1	1	1	1	1	1	-	-	-	1

High-3 : Medium-2 : Low-1

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Annexure – VI

Steps for Paper Viewing Process

(Applicable for all examinations Regular, Makeup and Fasttrack of UG and PG from Nov-Dec 2019)

1. Detailed scheme & solution shall be prepared on the day of examination preferably by the course co-ordinator under the supervision of BoE Chairperson.
2. Provision of SEE paper viewing is only for theory papers and not for laboratories.
3. Question paper along with detailed final Scheme and solution for all the courses shall be published in designated notice board in the department and hosted on the Intranet at the time of announcement of the provisional results by the BoE chairperson.
4. Valuation work will be carried out by the internal examiner who is preferably the course coordinator and moderation of answer scripts will be done by the external examiner. The number of scripts to be moderated will be 30 % of the total scripts in that particular course
5. During the process of valuation, the internal/external examiners are allowed to mark their observations (question marks, underlines, (✓), (×) marks etc, but not the allotted marks) on the inner pages of answer scripts.
6. Provisional results with grades will be announced by CoE.
7. The dates for registration to view the answer scripts will be announced by the CoE office, along with the provisional results. Normally three days of time will be provided for registration of paper viewing process. Estimated days for SEE paper viewing process (expecting 15,000 scripts, 50% of the total number of scripts)

Sl No	Events	Required Period
1	Announcement of provisional results	
2	Registration for paper seeing	3 days
3	Preparation of list of registered students	1 day
4	Preparation for paper seeing process	3 days
5	Paper seeing by students	3 days
6	Preparation for review	2 days
7	Review of papers	7 days
8	Updation and verification	2 days
9	Preparation of final results	2 days
10	Announcement of result	
	Total	**23 days**

8. All the students are eligible to see their answer script subject to registration, within the notified time period. The registration forms are made available in the examination section and students are required to submit the duly filled registration forms back to examination section.
9. Student will register for each of the subject to view the valued answer script and be present personally as per the time table announced.
10. List of registered students will be provided to Valuation unit Chief co-ordinator by examination section.

11. The valuation unit coordinators shall pick the scripts of registered students and pack the same in a sealed cover as per the room allotment plan submitted by the Chairperson BoEs for their respective programmes.
12. The copy of the list of registered students shall be made available to Chairperson BoE/authorized person of the respective programmes by the valuation unit coordinator of respective department.
13. The layout of the time table for the paper viewing process for various courses shall be announced by the CoE office. Accordingly, respective Chairpersons of BoE shall do the allotments of room and room invigilators and send a copy of the same to CoEs office in advance.
14. The BoE Chairperson of the program / authorised person for the course shall collect sealed cover of scripts, attendance form, a list of the students registered and grievance forms, from valuation unit 15 minutes before the scheduled time and submit them back within 30 minutes, after the scheduled time from CoE office.
15. The BoE chairperson / authorised person shall be responsible for allotment of faculty and 40 students per room and conduction of the process with the same level of seriousness as the examination.
16. The time and venue for showing the answer scripts of various courses of the programme shall be announced by the respective BoE chairperson of the programme and the scripts will be shown only to the registered student in person, on the date and time notified .
17. The course coordinator/faculty who taught the course should not be present during paper viewing process.
18. There is no provision for the student to either interact with faculty or fellow students during paper viewing process. student only has to fill and submit the grievance form for further action
19. The faculty shall issue and collect grievance form from all the registered students irrespective of whether he/she has the grievance or not. (With a note "No grievance" if the student does nothave any).
20. The students and room superintendent shall not reveal their identity anywhere other than prescribed place in the grievance form.
21. A specified time-slot of 45 minutes per script shall be provided to the registered students to view the script and submit the duly filled in discrepancy form.
22. The registered students must be present in the hall 5 minutes before the time notified for the process to begin. No extra time will be provided for the students who come late.
23. Students who registered to view the answer scripts must be present personally at the prescribed time & place and none of his/her representatives will be allowed to see the script. If a student misses their opportunity even after registration, the registration will become null and void.
24. The registered student shall not carry pen, pencil, calculator and or any other type of electronic gadgets. He/ She has to write grievances using the pen supplied by the institutional functionaries only.
25. Student is not permitted to write or mark anything on the answer scripts. If such attempts are made, disciplinary action will be initiated and such actions will be deemed to be treated malpractice as

per the rules and regulation of the examinations..

26. The student has to write only question wise specific grievances, question wise in the prescribed grievance form.
27. The process will be monitored by the respective BoE chairperson of the department and designated faculty to ensure smooth conduction of the process.
28. The review process shall be arranged in valuation center, CoE office. The Chairperson of respective BoEs shall plan for review process with the team of course experts (Chairperson/Senior faculty nominated by Chairperson, the first valuer and one subject expert).
29. During the review, the committee shall strictly adhere to the scheme and solution that was referred during the process of valuation.
30. The coded scripts and grievance form shall be handed over to the Chairperson/authorized person for review process. The review committees after addressing the grievance shall enter the marks obtained in the grievance form in the place specified and duly attest it.
31. The review process will be conducted only against the items of grievance expressed by the student in the grievance form. The review process will not consider any other questions, which are not mentioned in the grievance form.
32. The decision of the board of examiners is final. The marks obtained during initial valuation the process of review, whichever is higher, will be considered for the announcement of the final result.
33. Announcement of final result with grade.
34. The valuers and the chairperson can claim minimum remuneration of Rs. 200/- up to a maximum of ten scripts and thereafter Rs. 20/- for each script.
35. No further claim for valuation by student is permitted. Since a panel of three faculty members address the grievances this will be considered equivalent to challenge valuation.
36. There is no provision for award of any grace to any student during the paper seeing process.
37. The above process is presented, discussed and approved in the examination board meeting held on 16/12/2019 and decided to place before academic council and get its approval to implement during the ongoing odd semester exam itself.
38. As the consequence of the implementation of the paper showing process (PSP) the other remedial process namely issue of i) Photocopy ii) Revaluation and iii) Challenge valuation have become redundant and hence abolished hence forth.
39. Further as result of PSP the double valuation process of PG answer scripts are also abolished and hence forth then shall be only one valuation generally by internal valuer.
40. The PG moderation in about 30% of overall number of scripts only (not course wise).

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RV College of Engineering®
Bengaluru – 560059.

27th ACADEMIC COUNCIL MEETING

Date: **18th Dec. 2019** Time: **10.30 a.m.**

Members Present:

Sl. No.	Name	Signature
1	Dr. K.N. Subramanya Principal, RVCE	Subramanya 18/12/19
2	Dr. R.S. Kulkarni HOD, Aerospace Engg.	— Leave of Absence —
3	Dr. Vidya Niranjan HOD, Biotechnology	Vidya Nhanjan 18/12/19
4	Dr. Vinod Kallur HOD, Chemical Engg.	18.12.19
5	Dr. Radhakrishna HOD, Civil Engg.	18/12/19
6	Dr. P. Ramakanth Kumar HOD, Computer Science & Engg.	18/12/19
7	Dr. Rudranna Nandihalli HOD, Electrical & Electronics Engg.	18/12/19
8	Dr. K.S. Geetha HOD, Electronics & Communication Engg.	18/12/19
9	Dr. C.H. Renumadhavi HOD, Electronics & Instrumentation Engg.	18/12/19.
10	Dr. C.K. Nagendra Guptha HOD, Industrial Engineering & Management	18/12/19
11	Dr. B.M. Sagar HOD, Information Science & Engg.	18/12/19
12	Dr. M. Krishna HOD, Mechanical Engg.	18/12/19
13	Dr. Andhe Dharani Director, MCA	18/12/19
14	Dr. K. Sreelakshmi HOD, Telecommunication Engg.	18/12/19
15	Dr. Sudha Kamath HOD, Physics	Sudha Kamath 18.12.19.

27th ACADEMIC COUNCIL MEETING

Date: **18th Dec. 2019**

Time: **10.30 a.m.**

Members Present:

16	Dr. Raviraj Kusanur HOD, Chemistry	18/12/19
17	Dr. K. Sridevi HOD, Mathematics	I/c Shivakumar N. 18.12.19
18	Dr. N.S. Narahari Chairperson, HSS Board	18.12.19
19	Dr. G. Sadashivappa Controller of Examinations	18.12.19
20	Dr. B.V. Uma Dean (Student Affairs) & Professor, ECE Dept.	B.V
21	Dr. K. Uma Rao Professor, EEE Dept.	18/12/19
22	Dr. Ramesh S. Sharma Associate Professor, ME Dept.	18/12/19
23	Dr. K.V.S. Rajeshwara Rao Associate Professor, IEM Dept.	18/12/19
24	Dr. G. Shireesha Asst. Professor, Physics Dept.	18/12/19
25	Dr. M.H. Kori, Retd. Technical Director, Alcatel Lucent Technologies	
26	Prof. Kavi Mahesh Director, IIIT-Dharwad	Leave of Absence
27	Dr. M. Mathiarajan Chief Research Scientist, Dept. of Management Studies Indian Institute of Science, Bengaluru.	Leave of Absence
28	Dr. Rajashekhar Malur Chief Technology Officer, TATA Consulting Engineers Ltd. Bengaluru.	18/12/2019
29	Dr. T.C. Thanuja Professor, VTU-PG Centre, Belagavi	18/12/19
30	Dr. C.V. Venkatesh Professor & Head, Dept. of Mech. Engg. MCE-Hassan	18/12/19
31	Dr. Raghunath S Professor, Dept. of Civil Engg., BMSCE	18/12/19
32	Dr. N.Shanmukha Dean (Academics) & Member Secretary	18/12/19

27th ACADEMIC COUNCIL MEETING

Date: **18th Dec. 2019** Time: **10.30 a.m.**

Members Present:

Special Invitees (PG Deans & Associate Deans):

Sl. No.	Name	Signature
1	Dr. Rajashree Shettar Dept. of CSE	Rajashree 18/12/19
2	Dr. M.V. Renukadevi Dept. of CV	– Leave of Absence –
3	Dr. K.V. Padmaja Dept. of EIE	Padmaja.K 18/12/19
4	Dr. R. Suresh Dept. of Chemical Engg.	– Leave of Absence –
5	Dr. Ravindra R. Dept. of Civil Engg.	Ravi 18/12/19
6	Dr. H.D. Gopalakrishna Dept. of Mech. Engg.	H.D. Gopalakrishna 18/12/19
7	Dr. B. Renuka Prasad Dept. of MCA	18/12/19
8	Dr. G.S. Nagaraj Dept. of CSE	G.S. Nag 18/12/19.
9	Dr. H.V. Kumaraswamy Dept. of ETE	18/12/19
10	Dr. G.S. Mamatha Dept. of ISE	18/12/19
11	Dr. H.V. Ravisharadhya Dept. of ECE	18/12/19

12. Dr Sq. Srivani
Dept of ECE

Sq 18/12

13. HN Narasimha Murthy

18/12/19

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Proceedings of the 28th Academic Council Meeting held on 10th March 2020

Members Present:

1) Dr. K.N. Subramanya, Principal – Chairman
2) Dr. Ravindra S. Kulkarni – HOD, ASE
3) Dr. Vidya Niranjan, HOD-Biotech
4) Dr. Vinod Kallur, HOD-CH
5) Dr. Radhakrishna, HOD- Civil Engg.
6) Dr. P. Ramakanth Kumar, HOD – CSE
7) Dr. K.S. Geetha, HOD-ECE
8) Dr. Rudranna Nandihalli, HOD-EEE
9) Dr. CH Renumadhavi, HOD-EIE
10) Dr. B.M. Sagar, HOD-ISE
11) Dr. C.K. Nagendra Gupta, HOD-IEM
12) Dr. Andhe Dharani, Director-MCA
13) Dr. M. Krishna, HOD-Mech.
14) Dr. K. Sreelakshmi, HOD-TE
15) Dr. Sudha Kamath, HOD-Physics
16) Dr. Raviraj Kusanur, HOD-Chemistry
17) Dr. K. Sreedevi, HOD-Mathematics
18) Dr. N.S. Narahari, Chairman-HSS
19) Dr. B.V. Uma (Dean-Student Affairs)
20) Dr. Shireesha – PHY
21) Dr. Rajashree Shettar – CSE
22) Dr. Ramesh S. Sharma - ME
23) Dr. KVS Rajeswara Rao - IEM
24) Dr. G. Sadashivappa – CoE
25) Dr. K. Uma Rao - EEE
26) Dr.H.D. Gopalakrishna - ME
27) Dr. K.V. Padmaja – EIE
28) Dr. Ravindra R – CV
29) Dr. S.G. Srivani – EEE
29) Dr. Anantharama V – Dy. CoE
30) Dr. B. Renuka Prasad – MCA
31) Dr. G.S. Nagaraj – CSE
32) Dr. G.S. Mamatha – ISE
33) Dr. A.V. Narayan – BT
34) Dr. R. Suresh – CH
35) Dr. H.V. Ravisharadhya – ECE
36) Dr. H.V. Kumaraswamy – ETE
40) Dr. Shanmukha Nagaraj– Dean Academics

External Experts:

1) Dr. Rajashekar Malur – TATA Consulting Engineers
2) Dr. M.H. Kori, Retd. Tech. Dir. Alcatel Lucent
3) Dr. H.S. Prabhakara, Principalm NDRKIT-Hassan
4) Dr. K.P. Shivananda, Principal, SIT-Tumakuru
5) Dr.M. Mathiarajan – IISc, Bengaluru
6) Dr. Mallikarjunayya C. Math, Assoc. Prof. VTU-PG Centre, Mysore

Leave of Absence:

1) Dr. Kavi Mahesh, Director, IIIT-Dharwad
2) Dr. M.V. Renuka Devi – CV

The chairman welcomed all the members.

The Academic Council thanked all the VTU nominees, external and internal members for their active participation and deliberations in the Academic Council during their tenure and placed on record their significant contribution for the enhancement of academic policies in the institution.

Outgoing Internal & External Members
1) Prof. S.V. Ravindra, Prof. Dept. of Arch. UVCE
2) Dr. Y. Jagannadha Rao, Visiting Prof. SIT-Tumkur
3) Dr. B.C. Udayashankar, Professor, Dept. of CV-RVCE
4) Prof. K. Vasudeva Banninthaya, CoE-RVCE
3) Prof. S. Venkatesh, Assoc. Prof. Dept. of EIE-RVCE
4) Dr. M.R. Anala, Assoc. Prof. Dept. of CSE – RVCE
5) Dr. Vidya C, Asst. Prof. Dept. of Chemical Engg.-RVCE
6) Mr. Nithin M, Asst. Prof. Dept. of ECE - RVCE

Outgoing VTU Nominees Members
1) Dr. T.C. Thanuja, Professor, VLSI Design & Embedded System, VTU-PG Centre, Belagavi
2) Dr. C.V. Venkatesh, Professor & Head, Dept. of Mech. Engg. MCE-Hassan
3) Dr. Raghunath S, Professor, Dept. of Civil Engg., BMSCE-Bengaluru

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Proceedings of the 28th Academic Council Meeting held on 10th March 2020

The Chairman introduced the new VTU nominees, External & Internal Members to the Council.

New Nominees
1) Prof. Kavi Mahesh, Director, Indian Institute of Information Technology-Dharwad
2) Dr. M.H. Kori, Technology Consultant, Bengaluru
3) Dr. M Mathirajan, Chief Research Scientist, IISc.
4) Dr. Rajashekhar Malur, Chief Technology Officer, TATA Consulting Engineers Limited, Bengaluru.
5) Dr. K. Uma Rao, Professor, Dept. of EEE-RVCE
6) Dr. G. Sadashivappa, CoE-RVCE
7) Dr. Ramesh S. Sharma, Assoc. Prof. Dept. of ME-RVCE
8) Dr. KVS Rajeshwara Rao, Assoc. Prof. Dept. of IEM-RVCE
9) Dr. G. Shireesha, Asst. Prof. Dept. of Physics-RVCE

New VTU Nominees
1) Dr. H.S. Prabhakara, Principal, NDRK Institute of Technology, Hassan
2) Dr. K.P. Shivananda, Principal, Siddaganga Institute of Technology, Tumakuru
3) Dr. Mallikarjunayya C. Math, Assoc. Prof. Dept. of Thermal Power Engg. VTU – PG Centre, Mysore.

Sub. No. 218: To read and record the proceedings of the 27th Academic Council meeting held on 18.12.2019 & action taken report.

The Chairman appraised the members about proceedings of the 27th Academic Council Meeting held on 18.12.19 and action taken thereon. **(Annex. A)**

The proceedings and action taken report of 27th Academic Council meeting were read and recorded.

Sub. No. 219: Achievements of RVCE.

The Chairman highlighted about various activities of the institution from Dec. 2019 – Feb. 2020 through a presentation.

The members congratulated faculty, staff and students for the achievement and also applauded them for their unstinted efforts for the growth of the institution.

Sub. No. 220: Approval of 5th & 6th Semester syllabus of 2018 Scheme of UG & MCA.

Respective Board of Studies chairperson presented the syllabus of 5th & 6th Sem. 2018 Scheme of UG and MCA programs.

The members suggested the following:

Common Courses:

a) Six electives instead of five electives to be offered. Remove the brackets in the courses offered by departments.

b) "Internet of Things (18CS6C1)"

a) "Internet of Things and Edge Computing (18CS6C1)" course was suggested to be retitled as "Internet of Things (18CS6C1)".
b) It was suggested that this course would be offered common to all the 12 programmes including ME, CV and BT under Group C professional elective in 6th semester.
c) CO-PO mapping for this course needs to be included in the draft syllabus.

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c) **"Machine Learning (18CS6D1)"**

i. "Machine Learning (18CS6D1)" was suggested to be offered common to all the 9 programmes except CS, IS and EC.
ii. CO-PO mapping for this course needs to be included in the draft syllabus.
iii. Unit – I contents needs to be revised to include topics on data collection or identifying domain specific datasets like sensor data etc.,
iv. The course contents could also include case studies across diverse domains.

Global Electives:

a) Dr. H.S. Prabhakar suggested that CO & PO to be relooked into in the Global Elective courses - Thin Films and Nanotecnology, Quantum Mechanics of Hetero/Nano Structures, Thin Film Nano Device Fabrication Technology -TFNDFT - offered by Physics Dept.
b) Chemistry: The Chairman suggested that electives should be lab oriented.
c) Mathematics: Dr. Mathiarajan suggested to cover important topics in the course Machine Learning.

Humanities & Social Science:

a) Dr. Kori suggested to keep startups in mind while framing the syllabus.
b) The Chairman briefed the members that, the institution has procured Harvard Business Review Ascender for the benefit of entrepreneurship cell in the campus. He also briefed hat the institution is following NEN syllabus for entrepreneurship.
c) Dr. Prabhakar suggested to relook at CO & PO mapping in the syllabus. He also suggested to take clarification from NBA for NPTEL Credit Courses.

Biotechnology:

a) The Council approved the depts. to offer courses which are not listed in NPTEL and MOOCKS.
b) Dr. Uma Rao suggested to include Biomedical Optimization Techniques in the syllabi.
c) Dr. Mathiarajan suggested to mention name of algorithms in each unit.

Civil Engineering:

a) Professional elective 'A' MOOC course "Introduction to Machine Learning" is to be replaced by the course "Water Economics and Governance". Machine Learning course may be introduced in VI semester as a professional elective.
b) The course IOT and Edge Computing course is to be introduced as professional elective 'C' in VI semester.
c) The course Machine Learning course is to be introduced as professional elective 'D' in VI semester
d) VI Semester Global elective Disaster Management syllabus is to be modified based on the recent trends.

With the above changes, the proposed 2018 scheme of V & VI Semester B.E. Civil Engineering is approved.

Chemical Engineering:

a) Dr. Mathiarajan suggested that social aspect to be covered in the syllabus.

Computer Science & Engineering:

a) It was suggested to **add Tutorial component** (accounting 1 credit) to the core course "Artificial Intelligence and Machine Learning (18CS62) in 6th semester.

b) It was proposed that **few core courses could be common among CS and IS** departments such as Database Design(18CS53), Software Engineering(18IS55) in 5th semester and Artificial Intelligence and Machine Learning(18CS62), Compiler Design(18CS63) in 6th semester.

c) Based on the inputs provided the following Professional Electives were also made common courses among CS and IS.

VI Semester		
GROUP C: PROFESSIONAL ELECTIVES		
Sl. No.	**Course Code**	**Course Title**
1.	18CS6C2	Advanced Algorithms (Common to CS & IS)
2.	18CS6C3	Fuzzy Logic (Common to CS & IS)
3.	18CS6C5	Big Data Analytics (Common to CS & IS)

VI Semester		
GROUP D: PROFESSIONAL ELECTIVES		
Sl. No.	**Course Code**	**Course Title**
1.	18CS6D1	Web Technology (Common to CS & IS)

d) Prof. Prabhakar queried regarding the reduction of courses in network domain compared to the earlier scheme (2016 scheme that included 2 courses "Computer Communication Networks (16CS55)" and "Computer Networks(16CS63)". It was justified that the program offered sufficient courses in 2018 scheme as well which includes course "Computer Networks(18CS46)" in 4th semester and "Network Programming and Security(18CS54)" in 5th semester respectively.

e) It was presented that Group A Professional Electives in 5th semester would be offered through MOOC courses and the departments has identified and proposed courses based on the tentative list released by NPTL for the coming academic year. Based on the confirmed list that NPTL offers during the respective academic year the identified 12 week course would be suggested and offered in this elective group.

Electrical & Electronics Engineering:

a) As per the suggestions of members of Academic Council Committee(AC) in 5th semester, the tutorial class of **Digital Signal Processing(18TE53)** (common to TE,EE,EI) is taken out and is assigned as a tutorial of **01 credit to Electrical Machines – II (18EE52).**

b) In 5th semester, the online course on **"Digital Image Processing" (18EE5C4)** is opted out as the same course is given by Department of Telecommunication Engineering. In place of this **Fabrication Techniques for MEMs-based sensors: clinical perspective (18EE5C4)** and **The Joy of Computing using Python (18EE5C5)** is offered.

c) In 6th semester, Group C Professional Electives regarding **Object Oriented Programming with C++ (18EE6C2)**, the Academic Council Committee members have suggested to remove the word **"with C++"**. But as per the discussion, with the Head of Department of Computer Science and Head of the Department of Information Science Engineering, this inclusion of the word **"with C++"** is very much essential as the structure of **"Object Oriented Programming"** program varies with the Programming language like C++, Java, Python etc,. Hence the word **"with C++"** is retained and also C++ is the name of Programming language but not the name of the tool. Hence the name **Object Oriented Programming with C++ (18EE6C2)**, is retained as it is in the 6th semester Group C Professional Elective.

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Electronics & Communication Engineering:

a) A course on **Data Base Management Systems** offered as elective in 6th semester to be made common with TE with BoS as EC
b) Dr. Prabhakar suggested to change course title "**Computer Network and Internet Protocol**".
c) Dr. Kori suggested to include MIMO and OFDI in the course **Communication Systems-2.**

Electronics & Instrumentation Engineering:

a) As per the suggestions of members of Academic Council Committee(AC) in 5th semester, of **Digital Signal Processing(18TE53)** is common to TE,EE,EI
b) The following NPTEL/SWAYAM electives may be offered for 5th sem. In case the
   i. courses are not offered then suitable courses may be selected
   ii. Programming using JAVA
   iii. Computer Architecture
   iv. Introduction to Artificial Intelligence
   v. Principles of communications-I
c) The contents of smart sensors and IOT and Edge computing contents were asked to check for similarities/repetitions in the contents if any. It was checked and no similarities in the contents.

Industrial Engineering & Management:

a) Selection of courses is not in tune with the title of the program.
b) There are no professional courses offered in functional areas of Management.
c) Include the following text books as the first book in the reference books list for 18G5BXX – Operations-Research – Global Elective course offered by IEM department W L Winston "Operation Research Applications & Algorithm," Edition
d) To incorporate the book titled Supply Chain Engineering by Ravi Ravindran for 18IM63- Supply Chain Management course.
e) Marketing Management & Research course to be reviewed with a focus on only Marketing Management.
f) Include on exclusive programing course of Python.
g) Members appreciated IEM program for offering a course on Reliability Engineering for BE IEM Program Students.

Information Science & Engineering:

a) It was suggested by one of the AC member that the Compiler Design (theory and Practice) was not required for ISE Curriculum, However on discussion with BoS Members it was decided to retain the theory.
b) It was suggested by one of the AC member that Human Computer Interaction Course should be included as Core Course, but it was retained as Elective Course for final year Curriculum.
c) Principal and AC member suggested CSE & ISE Departments to have a common board for curriculum covering similar course content.

Mechanical Engineering:

a) Dr. Mathirarajan suggested that 'Supply Chain Management' to be offered as elective course. He also suggested to relook at MOOCKS elective courses.
b) Dr. Rajshekar Malur opined that 'Reliability' course to be offered as a Global Elective in VI Sem.

Telecommunication Engineering:

a) Elective A in 5th semester through the NPTEL courses were appreciated by the members.

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b) Course contents of Open Elective, Mobile network systems and standards, were suggested to be modified.
c) Electives on Data structures and programming in JAVA were suggested to be made common to other departments offering the same courses.

Aerospace Engineering:

a) The members suggested to change the title of the course 'Finite Element Methods'.
b) Prof. R.S. Kulkarni briefed that only two courses in MOOCS for Aerospace Engineering. The chairman suggested that, the Dept. could look at offering other courses as MOOCS and set a benchmark.

Master of Computer Applications:

a) The members suggested that 'Software Project Management' could be offered as core course.

The members suggested that the depts. could relook at the scheme and syllabus, CO and PO mapping thoroughly.

Resolution: After detailed discussions, the Council approved 2018 scheme & syllabus of 5th & 6th Sem. of UG & MCA programs, with suggested changes to be incorporated before distributing scheme and syllabus to the students.

Sub. No. 221: Implementation of new amendment of VTU for UG/PG programs.

The Chairman briefed regarding Amendments to Guidelines for Implementation of Academic Autonomy for UG and PG programs. **(Annex. B)**

Resolution: The Council approved the implementation of new amendment of VTU guidelines for UG / PG programs for students of 2018 batch onwards.

Sub. No. 222: Implementation of B.E. Honors – Rules and Guidelines

The Chairman briefed about implementation of B.E. Honours. He further informed that, the University will send the guidelines to the institutions.

Sub. No. 223: Provision for students to take CIPE course during eight semester May-June 2020 examinations

The Chairman briefed that there are five students migrated from 2012 scheme to 2018 scheme and they need to take CIPE course examination during May/June 2020.

Resolution: The Council approved five students to take CIPE course examination during May/June 2020.

Sub. No. 224: Result analysis of odd semester (2019-2020) UG/PG Programs.

The Controller of Examinations highlighted about result analysis of odd semester (2019-2020) - UG/PG programs. **(Annex. C)**

Proceedings of the 28th Academic Council Meeting held on 10th March 2020

Sub. No. 225: Provision for students representing Institution/University in the National/ International events.

The Chairman briefed that, a few students are representing the Institution/University in the National/ International events viz. NCC, Sports, Debate Competition etc. Such students have given representation to provide them an opportunity to write the exam in the make-up examination.

Resolution: After detailed discussions, the Council approved that such of the students representing the institution/university in the national/ international events and have missed their exams during main examination time; they may be allowed to appear in the make-up examination only one time.

Sub. No. 226: Any other subject/s with the permission of the chair

a) TCE 12 scheme student with 7 backlogs.

The BoS Chairperson of TCE Dept. briefed that one Mr. Vikram Ravishankar A (1RV12TE058), 12-scheme student, has a backlog of seven courses. The BoS Chairperson sought permission from the Council for him to register for two backlog courses in the forthcoming Semester End Examinations of 2020 along with 8th sem. regular courses and the remaining five backlog courses in the ensuing Fast Track Semester 2020.

Resolution: After a detailed discussion, the Council endorsed its approval to Mr. Vikaram Ravishankar A (1RV12TE058) ***to register for two backlog courses in the forthcoming Semester End Examinations of 2020 along with 8th sem. regular courses***, **as one time chance** and the ***remaining five backlog courses in the ensuing Fast Track Semester 2020***.

b) Ratification of adding SEE to Technical seminar - Final semester of 2016 Scheme of PG programs.

While discussing MCA V and VI semester syllabus, Dr. Andhe Dharani, said that in PG programms – M.Tech and MCA, the final semester of 2016 Scheme has a course on Seminar, which is a two credits course. This course has only CIE component. It is proposed to have a SEE component, as it is an accredited course and the same has been ratified in the BoS of the MCA department for MCA course.

Resolution: After a detailed discussions, the Council endorsed its approval to add SEE component of 50 marks to Technical Seminar of final semester of 2016 scheme of PG programs.

c) Grace marks for the courses with both theory and Practicals:

The Controller of Examinations briefed that for courses with theory and practicals, the exiting rule says that "the student have to score 35% in both theory and practicals each, and put together 40% weightage". However, there would be some cases, wherein the student failed in only one course and failed to obtain 35% either in the theory or in practical, in such cases; up to 5 grace marks shall be given.

Resolution: After much discussion, it was agreed to give up to Five grace marks for such students who failed in only one course. This condition is applicable to 2012, 2016 & 2018 scheme students of UG, w.e.f. Dec. 2019 onwards.

Member Secretary
Academic Council

Member Secretary
Academic Council
R.V College of Engineering (Autonomous)
Bangalore-560 059

Chairperson
Academic Council

PRINCIPAL
R V COLLEGE OF ENGINEERING
BANGALORE - 560 059

Proceedings of the 28th Academic Council Meeting held on 10th March 2020

Annexure – A

RV Educational Institutions ®
RV College of Engineering ®

Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi, Accredited By NAAC, Bengaluru

27th Academic Council Meeting held on 18th Dec. 2019

ACTION TAKEN REPORT

Sub. No.	Agenda Details	Action Taken
210	To read and record the proceedings of the 26th Academic Council Meeting held on 19.7.2019 & Action Taken Report.	Read & Recorded.
211	Achievements of RVCE	➢ Information provided and the members appreciated the achievements.
212	Information on statutory Committee visits	➢ Information provided. ➢ On 5-3-2020, Institution received NBA accreditation for 5 PG programs viz. Communication Systems, Radio Frequency & Microwave Engineering, VLSI Design & Embedded System, Software Engineering and Product Design & Manufacturing, for 3 yrs. (till 30.6.2022) ➢ NBA Compliance Team will be visiting the campus on 21st March 2020 for further consideration of 4 UG programs viz. Industrial Engineering & Management, Information Science & Engineering, Instrumentation Technology and Electrical & Electronics Engineering. ➢ UGC Expert Committee visited the institution on 14th & 15th Feb. 2020 to consider extension of autonomous status.
213	Information about implementation of AICTE activity points	➢ Information provided. Members appreciated the efforts made by the institution.
214	Ratification of students re-admitted to new scheme	➢ Ratified
215	Approval / Ratification of BoS meeting points, if any	➢ Approved and ratified.
216	Approval of Paper seeing process	➢ Implemented the process.
217	Any other subject/s	➢ Suggestion reg. conducting open book examination for CIE: Process initiated.

Member Secretary
Academic Council
Member Secretary
Academic Council
RV College of Engineering (Autonomous)
Bangalore-560 059

Proceedings of the 28th Academic Council Meeting held on 10th March 2020

Annexure – B

Implementation of new amendment of VTU for UG/PG programs.

Amendments to Guidelines for Implementation of Academics Autonomy– reg…

(All Clause numbers as per the Hand book of general information of 2018 scheme)

4.6 Vertical Progression (Promotion to Next Academic Year)

(a) A student has to obtain a **CGPA of > = 5.0** and should not have more than **Four 'F' grades** (Backlog courses as not passed including Absent, NSSR, NSAR, W and Drop); at the end of each academic year for promotion to the next higher academic year.

Such students who do not satisfy this minimum requirement in an academic year shall improve by registering for the courses in which they have failed (Grade F) / Declared NSAR /Declared NSSR / **withdrawn (Grade W) during Fast Track semester under the guidance of Dean (Academics) of the institution.**

(b) If a student fails to satisfy the minimum requirements, stated in 4.6(a), even after the Fast Track examinations, he/she cannot register for the next higher academic year. However, such students can register for the failed courses to a **maximum of 4 courses but not exceeding 16 credits in each** (odd semester courses during the regular odd semester and even semester courses during the regular even semester or during the Fast Track semester, if offered) to satisfy the minimum requirement for promotion to the next higher academic year. All minimum requirements specified for regular semester is applicable for fast track semester also. There shall be no restriction for promotion an odd semester to the next even semester, provided to student has fulfilled the attendance requirements. Student shall be declared fail if he / she has not satisfied the CIE requirements of any courses and not registered for the SEE even after satisfying the attendance and CIE requirements.

1) Students having not more than four F grade in the two semesters of first year of the programmes shall be eligible to move to second year;
2) Students having not more than four F grade in the four semesters of I and II year shall be eligible to move to III year;
3) Students who have earned all the prescribed credits of I year, and having not more than four F grades in the four semester II and III year shall be eligible to move to IV year.

Vertical progression in case of diploma students admitted to second year (lateral entry):

i. Students having not more than four F grades (excluding the fail and pass status of additional Mathematics I and II in the two semesters of II year of the programme shall be eligible to move to III year.

ii. Students having not more than four F grades (excluding the fail or pass status of additional Mathematics I and II if any) in the four semester of II and III four F grades (excluding the fail or pass status of Engineering Graphics and Elements of Civil Engineering and mechanics of First year Engineering programme if any) in the four semester of II and III year shall be eligible to move to IV year. **(Note : this clause is not considered under VTU).**

The prescribed mandatory no/credit courses Engineering Graphics and elements of Civil Engineering and Mechanics of first year Engineering Programme to later entry B.Sc. holders admitted to III semester of B.E / B. Tech. Programmes shall attend the classes during the respective semester to complete CIE and attendance requirements and to appear for the University examinations.

iii. In case, any student fails to satisfy the attendance requirement of the above said courses, he/she not be eligible to appear for the semester end examination of that semester and shall not be permitted to take admission to the next higher semester. The candidate shall be required to repeat the semester during subsequent year.

iv. Students who have satisfied the attendance requirement but not the CIE requirements of the above said courses, shall be permitted to after satisfying the CIE requirements in the same courses (with or without satisfying the attendance requirements) when offered during the subsequent semesters.

v. Completion of Engineering Graphic and Elements of Civil Engineering Mechanics shall be mandatory for the award of degree.

The Principal of each college shall make suitable arrangements in the time table to facilitate the B.Sc students to attend the above mentioned courses to satisfy the CIE and attendance requirements and to appear for the University examination.

(c) A student failing to obtain **CGPA of > = 5.0**, in spite of obtaining **E** grades and better than **E** grades, can register for course(s) by rejecting the results in which he /she has obtained E grade(s), when offered during a Fast Track Semester to satisfy the minimum CGPA requirement of > = 5.0 and become eligible for the promotion to the next ODD semester. However, failure to secure a minimum CGPA of 5.0 but not less than 4.5 at the end of any academic year **for the first time**, shall attract a warning before approval of the student to continue in the next higher academic year. This facility is available to the student only once during the entire duration of B.E. program.

(d) Odd semester to even semester mobility does not depend upon the preceding odd semester examination results.

(e) If CGPA of a student is less than 5.00 at the end of the B.E. program, students are permitted to appear again for SEE in full or part of the corresponding previous semester theory course/s by rejecting the performance of them (other than internship, technical seminar, project work, and laboratories) for any number of times subject to the provision of the maximum duration of the program, to make the CGPA >=5.0 for the award of the degree.

(f) First and Second year Audit courses should also be completed before seeking eligibility to 7th semester.

3.4 Termination from the Program

A student shall be required to withdraw from the program and leave the Autonomous College on the following grounds.

1. *Failure (Getting F Grade) and not passing to earn credits for the same course, in spite of five attempts.* **This particular clause is removed.**
2. Absence from classes for more than six weeks at a time in a semester without leave of absence being granted by the competent Authority.
3. Failure to meet the standards of discipline as prescribed by the college from time to time.

4.4 Passing Standards

b) Successive Failures

If a student fails (Grade F / Absent) to pass a course and earn the required credits prescribed for the course even after five(5) attempts, the admission of the student to the program will be terminated and the student will be informed to leave the program of study. However, such a student may seek readmission to the program at the institution as a fresh candidate to the first year. ***This particular clause is removed.***

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Proceedings of the 28th Academic Council Meeting held on 10th March 2020

Annexure – C

Result analysis of odd semester (2019-2020) UG/PG Programs

UG-1,3,5,7 SEM RESULT ANALYSIS DEC19/JAN20 EXAM(clearing all courses)

Sl. No.	Branch Name	Semester:1			Semester:3			Semester:5			Semester:7		
		No. Students Appeared	No. of Students Passed	% passed	No. Students Appeared	No. of Students Passed	% passed	No. Students Appeared	No. of Students Passed	% passed	No. Students Appeared	No. of Students Passed	% passed
1	AS	65	48	73.85	73	59	80.82	67	63	94.03	66	53	80.30
2	BT	63	33	52.38	48	41	85.42	58	52	89.66	49	48	97.96
3	CH	40	24	60.00	45	37	82.22	33	24	72.73	38	31	81.58
4	CS	200	172	86.00	225	169	75.11	225	195	86.67	214	185	86.45
5	CV	136	85	62.50	126	103	81.75	143	106	74.13	139	130	93.53
6	EC	194	155	79.90	225	157	69.78	239	172	71.97	201	185	92.04
7	EE	67	43	64.18	73	55	75.34	78	64	82.05	71	63	88.73
8	EI	66	49	74.24	67	44	65.67	57	41	71.93	54	46	85.19
9	IM	72	44	61.11	70	49	70.00	64	44	68.75	66	57	86.36
10	IS	64	54	84.38	71	57	80.28	79	70	88.61	68	64	94.12
11	ME	136	102	75.00	143	117	81.82	153	122	79.74	155	141	90.97
12	TE	64	57	89.06	74	47	63.51	68	47	69.12	59	55	93.22

DETAILS OF PVP FOR DEC'19/JAN20 SEE-FIRST SEM

SL. NO.	FIRST SEMESTER/COURSES		NUMBER OF STUDENTS APPEARED FOR EXAM/PASS %	NUMBER OF STUDENTS APPLIED FOR PVP
1	PHYSICS CYCLE	18MA11	590	20 (3.3898%)
		18PH12	586	20 (3.413%)
		18EE13	585	34 (5.812%)
		18CV14	588	42 (7.143%)
		18ME16	579	05 (0.086%) [121]
2	CHEMISTRY CYCLE	18MA11	559	29 (5.1878%)
		18CH12	556	18 (3.237%)
		18CS13	556	36 (6.475%)
		18EC14	558	21 (3.763%)
		18ME15	553	16 (2.893%) (120)
		TOTAL	**1167students 5142scripts**	**141=>12.08% 241=>4.687%**

DETAILS OF PVP FOR DEC'19/JAN20 SEE-HIGHER SEM

SL. No.	PROGRAMME/ SEMESTER		NUMBER OF STUDENTS APPEARED FOR EXAM	NUMBER OF STUDENTS APPLIED FOR PVP(%)	NUMBER OF SCRIPTS FOR PVP
1	AS (60)	3	73	04(5.479)	07
		5	67	10(14.925)	15
		7	66	16(24.242)	27
2	BT (60)	3	48	07(14.583)	17
		5	58	22(37.931)	50
		7	49	02(4.081)	03
3	CHE (40)	3	45	15(33.333)	18
		5	34	11(32.352)	16
		7	38	03(7.894)	03
4	CV (120)	3	126	33(26.190)	52
		5	143	50(34.965)	86
		7	140	19(13.571)	14
5	CSE (180)	3	225	73(32.444)	135
		5	227	95(41.850)	208
		7	216	44(20.370)	76
6	ECE (180)	3	225	68(30.222)	123
		5	246	108(43.902)	276
		7	201	14(6.965)	19
7	EEE (60)	3	73	14(19.178)	29
		5	79	32(40.506)	57
		7	71	07(9.859)	10
8	EIE (60)	3	74	27(36.486)	49
		5	57	33(57.894)	59
		7	55	11(20.00)	20
9	ETE (60)	3	74	30(40.540)	60
		5	68	24(35.294)	50
		7	59	02(3.389)	03
10	IEM (60)	3	70	21(20.000)	45
		5	65	31(47.692)	72
		7	67	04(5.970)	06
11	ISE (60)	3	71	34(47.887)	60
		5	79	27(34.177)	47
		7	68	07(10.294)	17
12	MECH (120)	3	143	22(15.384)	44
		5	158	65(41.139)	136
		7	158	15(9.493)	30

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PVP STATISTICS FOR DEC'19/JAN20 SEE-UG

Sl. No.	Semester	Total No. of Students Appeared For Exam	Total No. of Students Applied For Pvp	Total No. of Scripts Valued	Total No. of Scripts Reviewed (Pvp)
1	1	1167	141 12.16%	5142	241 4.687%
2	3,5,7	3720	1000 %=26.882	23468	639+1076+228 = 1943 8.279%
	TOTAL	**4887**	**1241 =>25.39%**	**28610**	**2184 7.6336%**

PVP STATISTICS FOR DEC'19/JAN20 SEE-UG (MAKE-UP)

SL. NO	SEMESTER	TOTAL NO. OF STUDENTS APPEARED FOR EXAM	TOTAL NO. OF STUDENTS APPLIED FOR PVP	TOTAL NO. OF SCRIPTS VALUED	TOTAL NO. OF SCRIPTS REVIEWED (PVP)
1	1	4	0	6	0
2	3,5,7	5	1	30	1
	TOTAL	9	1	36	1

Comparison between PVP & Revaluation

REVALUATION & PVP ANALYSIS										
Exam Year	Total No. of scripts valued	Total No. of scripts Revalued/PVP	% of scripts applied for Revaluation/ PVP	Total No. of students applied for Revln.	Total No. of distinct subjects applied for Revln.	Total No. of scripts whose grade is improved			% of Improvement w.r.t. Total No. of Scripts Valued	% of Improvement w.r.t. Total No. of Scripts Revalued/ PVP
						Fail to Pass Grade	Grade Improvement	Total		
Nov-19/ Dec-19	28564	2164	7.58	1143	158	37	247	284	0.99	13.12
Apr-19/ May-19	26618	1762	6.62	979	129	84	314	398	1.50	22.59
Nov-18/ Dec-18	31446	1805	5.74	1087	168	174	430	604	1.92	33.46
Apr-18/ May-18	27769	1528	5.50	905	139	120	280	400	1.44	26.18
Nov-17/ Dec-17	30346	1788	5.89	1112	167	148	327	475	1.57	26.57
Apr-17/ May-17	27471	1427	5.19	853	127	112	283	395	1.44	27.68

PVP Analysis for Dec'19/Jan20 SEE

PAPER VIEWING PROCESS ANALYSIS - NOV-19/DEC-19													
Sem.	No. of scripts valued in regular exam	No. of students written in regular exam	No. of scripts applied for Pvp	% of scripts applied for Pvp wrt regular exam	No. of students applied for Pvp	% of students applied for Pvp wrt regular exam	No. of scripts w hose grade is improved	% of scripts whose grade is improved wrt regular exam	% of scripts whose grade is improved wrt Pvp	No. of students whose grade is improved	% of students whose grade is improved wrt regular exam	No. of scripts F To Pass Grade	No. of students F To Pass Grade
1	5142	1167	236	4.59	142	12.17	12	0.23	5.08 (12/236)	12	1.03 (12/1167)	3	

Proceedings of the 28th Academic Council Meeting held on 10th March 2020

3	7277	1247	633	8.70	347	27.83	80	1.10	12.64	74	5.93	8	7
5	8790	1281	1065	12.12	519	40.52	151	1.72	14.18	137	10.69	20	20
7	7355	1192	230	3.13	135	11.33	41	0.56	17.83	34	2.85	6	5
TOTAL	28564	4887	2164	7.58	1143	23.3	284	0.99	13.12	257	5.26	37	35

PG-1,3,5 SEM RESULT ANALYSIS DEC19/JAN20 EXAM

Sl.No	Branch Name	Jan-Feb 2020 Semester:1			Jan-Feb 2019 Semester:1			Jan-Feb 2020 Semester:3			Jan-Feb 2019 Semester:3			Jan-Feb 2020 Semester:5			Jan-Feb 2019 Semester:5		
		No. Student s	No. of Student s	Percentage passed	No. Student s	No. of Student s	Percentage passed	No. Student s	No. of Student s	Percentage passed	No. Student s	No. of Student s	Percentage passed	No. Student s	No. of Student s	Percentage passed	No. Student s	No. of Student s	Percentage passed
1	MBE				7	6	85.71	7	7	100.00	5	5	100.00						
2	MBS	7	6	85.71	9	8	88.89	9	8	88.89	13	13	100.00						
3	MBT	9	8	88.89	14	13	92.86	13	13	100.00	18	18	100.00						
4	MCA	118	101	85.59	115	79	68.70	124	110	88.71	133	118	88.72	130	127	97.69	130	117	90
5	MCE	18	18	100.00	18	16	88.89	17	17	100.00	16	15	93.75						
6	MCH				8	7	87.50	7	5	71.43	11	11	100.00						
7	MCM	13	11	84.62	13	10	76.92	12	11	91.67	13	12	92.31						
8	MCN	18	17	94.44	18	16	88.89	17	17	100.00	17	17	100.00						
9	MCS	17	14	82.35	17	14	82.35	15	14	93.33	16	15	93.75						
10	MDC	33	27	81.82	36	32	88.89	36	36	100.00	34	29	85.29						
11	MEM										8	7	87.50						
12	MHT	16	16	100.00	18	18	100.00	17	17	100.00	18	17	94.44						
13	MIT	18	15	83.33	18	13	72.22	17	16	94.12	17	16	94.12						
14	MMD	18	15	83.33	18	17	94.44	18	18	100.00	17	17	100.00						
15	MPD	35	31	88.57	34	31	91.18	34	32	94.12	35	34	97.14						
16	MPE	19	16	84.21	16	11	68.75	13	11	84.62	14	14	100.00						
17	MRM	6	6	100.00	10	9	90.00	10	9	90.00	9	8	88.89						
18	MSE	19	14	73.68	18	15	83.33	18	18	100.00	17	17	100.00						
19	MST	18	17	94.44	18	18	100.00	18	18	100.00	17	17	100.00						
20	MTE										10	10	100.00						
		36	33	91.67	36	27	75.00	33	32	96.97	34	33	97.06						
		418	365	87.32	441	360	81.63		409			443							

PVP STATISTICS FOR DEC'19/JAN20 SEE-PG

SL.NO	SEMESTER	TOTAL NO. OF STUDENTS APPEARED FOR EXAM	TOTAL NO. OF STUDENTS APPLIED FOR PVP	TOTAL NO. OF SCRIPTS VALUED	TOTAL NO. OF SCRIPTS REVIEWED (PVP)
1	1	300+118=418	50+4 54/418 = 12. 92%	1497+590 = 2087	67+4 3.4%
2	3,5	311+124+130=565	18 (8+10) 18/565 =3.18%	1245+620+646 = 2511	22 (9+12+1) 0.876%
TOTAL		**983**	**72 - 7.324%**	**4598**	**93 - 2.023%**

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RV College of Engineering®
Bengaluru – 560059.

28th ACADEMIC COUNCIL MEETING

Date: **10th March 2020** Time: **10.30 a.m.**

Members Present:

Sl. No.	Name	Signature
1	Dr. K.N. Subramanya Principal, RVCE	10/3
2	Dr. R.S. Kulkarni HOD, Aerospace Engg.	10/03/2020
3	Dr. Vidya Niranjan HOD, Biotechnology	10/3/2020
4	Dr. Vinod Kallur HOD, Chemical Engg.	10.03.2020
5	Dr. Radhakrishna HOD, Civil Engg.	10/3/2020
6	Dr. P. Ramakanth Kumar HOD, Computer Science & Engg.	10/3/2020
7	Dr. Rudranna Nandihalli HOD, Electrical & Electronics Engg.	10/3/2020.
8	Dr. K.S. Geetha HOD, Electronics & Communication Engg.	10/3/2020.
9	Dr. C.H. Renumadhavi HOD, Electronics & Instrumentation Engg.	10/3/2020
10	Dr. C.K. Nagendra Guptha HOD, Industrial Engineering & Management	10/3/2020.
11	Dr. B.M. Sagar HOD, Information Science & Engg.	10/3/2020
12	Dr. M. Krishna HOD, Mechanical Engg.	
13	Dr. Andhe Dharani Director, MCA	10/3/2020
14	Dr. K. Sreelakshmi HOD, Telecommunication Engg.	
15	Dr. Sudha Kamath HOD, Physics	10-3-2020

28th ACADEMIC COUNCIL MEETING

Date: **10th March 2020** Time: **10.30 a.m.**

Members Present:

16	Dr. Raviraj Kusanur HOD, Chemistry	10/03/2020
17	Dr. K. Sridevi HOD, Mathematics	10-03-2020
18	Dr. N.S. Narahari Chairperson, HSS Board	10/3/2020
19	Dr. G. Sadashivappa Controller of Examinations	10.3.20
20	Dr. B.V. Uma Dean (Student Affairs) & Professor, ECE Dept.	B.V.
21	Dr. K. Uma Rao Professor, EEE Dept.	
22	Dr. Ramesh S. Sharma Associate Professor, ME Dept.	
23	Dr. K.V.S. Rajeshwara Rao Associate Professor, IEM Dept.	10/3/2020
24	Dr. G. Shireesha Asst. Professor, Physics Dept.	
25	Dr. M.H. Kori, Retd. Technical Director, Alcatel Lucent Technologies	
26	Prof. Kavi Mahesh Director, IIIT-Dharwad	LOA
27	Dr. M. Mathiarajan Chief Research Scientist, Dept. of Management Studies Indian Institute of Science, Bengaluru.	
28	Dr. Rajashekhar Malur Chief Technology Officer, TATA Consulting Engineers Ltd. Bengaluru.	10/3/2020
29	Dr. K.P. Shivananda Principal, Siddaganga Institute of Technology, Tumkur	10/03/2020.
30	Dr. H.S. Prabhakara Principal, NDRK Institute of Technology, Hassan	
31	Dr. Mallikarjunayya C. Math Assoc. Prof., Dept. of Thermal Power Engg., VTU-PG Centre, Mysore	
32	Dr. N.Shanmukha Dean (Academics) & Member Secretary	

28th ACADEMIC COUNCIL MEETING

Date: **10th March 2020** Time: **10.30 a.m.**

Members Present:

Special Invitees (PG Deans & Associate Deans):

Sl. No.	Name	Signature
1	Dr. Rajashree Shettar Dept. of CSE	Rajashree 10/3/2020
2	Dr. M.V. Renukadevi Dept. of CV	LOA
3	Dr. K.V. Padmaja Dept. of EIE	Padmaja. K.V 10/03/2020
4	Dr. R. Suresh Dept. of Chemical Engg.	
5	Dr. Ravindra R. Dept. of Civil Engg.	10/03/2020
6	Dr. H.D. Gopalakrishna Dept. of Mech. Engg.	10/3/2020
7	Dr. B. Renuka Prasad Dept. of MCA	10/3/2020
8	Dr. G.S. Nagaraj Dept. of CSE	10/3/2020
9	Dr. H.V. Kumaraswamy Dept. of ETE	10/3/2020
10	Dr. G.S. Mamatha Dept. of ISE	10/3/2020
11	Dr. H.V. Ravisharadhya Dept. of ECE	10/03/2020
12.	Dr. S.G. Srivani Dept. of EEE	
13.	Dr. Ananthanarayan V. Dy. COE	10/3/2020
14.	Dr. Bindu Ashwini HSS	10/3/2020
15.	Dr. H.N. Narasimha Murthy Dean (R&D)	
16.	Dr. A.V. Narayan Dept. of BT	10/3/2020

RV College of Engineering®
Bengaluru – 59.

Proceedings of the 29th Academic Council Meeting held on 27th July 2020 [Online – Cisco Webex]

Members Present:

1) Dr. K.N. Subramanya, Principal – Chairman
2) Dr. Ravindra S. Kulkarni – HOD, ASE
3) Dr. Vidya Niranjan, HOD-Biotech
4) Dr. Vinod Kallur, HOD-CH
5) Dr. Radhakrishna, HOD- Civil Engg.
6) Dr. P. Ramakanth Kumar, HOD – CSE
7) Dr. K.S. Geetha, HOD-ECE
8) Dr. Rudranna Nandihalli, HOD-EEE
9) Dr. CH Renumadhavi, HOD-EIE
10) Dr. B.M. Sagar, HOD-ISE
11) Dr. C.K. Nagendra Gupta, HOD-IEM
12) Dr. Andhe Dharani, Director-MCA
13) Dr. M. Krishna, HOD-Mech.
14) Dr. K. Sreelakshmi, HOD-TE
15) Dr. Sudha Kamath, HOD-Physics
16) Dr. Raviraj Kusanur, HOD-Chemistry
17) Dr. K. Sreedevi, HOD-Mathematics
18) Dr. N.S. Narahari, Chairman-HSS
19) Dr. B.V. Uma (Dean-Student Affairs)
20) Dr. Shireesha – PHY
21) Dr. Rajashree Shettar – CSE
22) Dr. Ramesh S. Sharma - ME
23) Dr. KVS Rajeswara Rao - IEM
24) Dr. G. Sadashivappa – CoE
25) Dr. K. Uma Rao - EEE
26) Dr.H.D. Gopalakrishna - ME
27) Dr. K.V. Padmaja – EIE
28) Dr. Ravindra R – CV
29) Dr. S.G. Srivani – EEE
29) Dr. Anantharama V – Dy. CoE
30) Dr. B. Renuka Prasad – MCA
31) Dr. G.S. Nagaraj – CSE
32) Dr. G.S. Mamatha – ISE
33) Dr. A.V. Narayan – BT
34) Dr. R. Suresh – CH
35) Dr. H.V. Ravisharadhya – ECE
36) Dr. H.V. Kumaraswamy – ETE
40) Dr. Shanmukha Nagaraj– Dean Academics
41) Dr. M.V. Renuka Devi – CV

External Experts:

1) Dr. Rajashekar Malur – TATA Consulting Engineers
2) Dr. M.H. Kori, Retd. Tech. Dir. Alcatel Lucent
3) Dr. H.S. Prabhakara, Principal, NDRKIT-Hassan
4) Dr. K.P. Shivananda, Principal, SIT-Tumakuru
5) Dr.M. Mathiarajan – IISc, Bengaluru
6) Dr. Kavi Mahesh, Director, IIIT-Dharwad

Leave of Absence:

1) Dr. Mallikarjunayya C. Math, Assoc. Prof. VTU-PG Centre, Mysore

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The Chairman welcomed all the members.

Sub. No. 227: To read and record the proceedings of the 28th Academic Council Meeting held on 10th March 2020 and action taken report.

The Chairman briefed about the proceedings of the 28th Academic Council Meeting held on 10th Mar. 2020 and action taken thereon.

As there was no comments, the proceedings and action taken report of 27th Academic Council meeting were read and recorded.

Sub. No. 228: Achievements of RVCE.

The Chairman highlighted about various activities of the institution from Mar. 2020 – Jul. 2020 through a presentation. **(Annex. A)**

The members congratulated faculty, staff and students for the achievement and applauded them for their unstinted efforts for the growth of the institution.

Proceedings of the 29th Academic Council Meeting held on 27th July 2020 [Online – Cisco Webex]

Dr. Mathiarajan suggested to include Research Scholars Registration Details, their achievements viz. Publications, Seminars / Workshops attended etc. Faculty Group programmes in the presentation.

Dr. Rajshekar Malur suggested that RPC and OI needs to be improved in NIRF Ranking. He also opined that the institution should continue to do online webinars, industry webinars. He emphasized that he will provide TCS personnel to deliver online webinars for faculty and students.

Dr. M.H. Kori suggested that, the institution could look at improving CoE and ITU challenges.

Sub. No. 229: Approval of online classes & Conduction of CIE during supplementary semester from 10th August 2020, as per the VTU guidelines for autonomous colleges.

The Chairman appraised the members about commencement of online classes and conduction of CIE during supplementary semester from 10th Aug. 2020.

Dr. Rajshekar Malur suggested that, the institution could look at the feasibility of conducting practicals in online mode.

Resolution: The Council approved to conduct online classes and CIE during supplementary semester from 10th Aug. 2020, subject to the guidelines issued by the Govt. and statutory bodies, from time to time.

Sub. No. 230: Approval of starting of odd semester classes for B.E, MTech & MCA from 1st September 2020 in online mode for a period of one month as per VTU guidelines.

The Chairman briefed that, as per the revised guidelines issued by the UGC, AICTE & VTU, the odd semester classes for B.E, M.Tech and MCA programs will commence from 1st Sept. 2020 in online mode for a period of one month.

Resolution: The Council endorsed its approval to start odd semester classes for B.E, M.Tech and MCA program from 1st Sept. 2020 in online mode for a period of one month, subject to the directives from statutory bodies from time to time.

Sub. No. 231: AICTE / VTU re-scheduled calendar of events for the academic year 2020 – 21.

The Chairman briefed about the re-scheduled calendar of events announced by the AICTE / VTU for the academic year 2020-21.

Dr. Kavi Mahesh opined that, the JEE examinations will be held in Oct. 2020 and the results will be announced in mid of Nov. 2020 and the Government may revise the Academic Calendar of 2020-21 in view of the COVI-19 situation.

Sub. No. 232: Approval of BE (Honours) program as per VTU guidelines.

The Chairman informed the members about the eligibility criteria for B.E. Honours Program as per the VTU guidelines issued, vide Circular No. VTU/BGM/OS-Aca/2020-21/369 dated 3rd June 2020.

- Students who have completed 3rd / 5th sem with no backlogs and with minimum CGPA of 8.50 are eligible to register;
- Registration to be done within 15 days, along with the payment of registration fees from the date of announcement;
- Students should earn additional 18 or more credits for B.E Honours;

- Enrol for online courses from NPTEL / Swayam, which are not covered in the curriculum of the entire program;
- Students are allowed to change the course enrolled, if they are unable to complete the earlier enrolled course due to some reason;
- There is no limit on the number of attempts to complete the course;

Dr. M.H. Kori suggested that atleast 6 NPTEL / SWAYAM courses should have mentors.

Dr. Mathiarajan opined that only 5th sem. students with no backlog and with minimum CGPA of 8.50 have to be considered for registration instead of 3rd Semester.

Resolution: The Council endorsed its approval for implementation of B.E. (Honours) program as per VTU guidelines from 2018 scheme batch onwards.

Sub. No. 233: Approval for conduction of online SEE for VIII Sem B.E, IV Sem M.Tech and VI Sem. MCA programs from 10th August 2020 onwards.

The Chairman briefed about conduction of online SEE for final year UG and PG students from 10th Sept. 2020 based on the guidelines issued by the VTU vide Circular Letter No.: VTU/PS/2020-21/1188 dated 10th July 2020 and also as discussed in the Examination Board meeting held on 24-7-2020. He briefed the following.

(a) Final semester UG & PG examinations to be conducted online through WebEx platform in parallel batches. RVCE has only Major Project Work and Seminar in Final Semester UG and PG.

(b) Recordings of each batch examinations have to be maintained. One external examiner or inter-department examiner and one internal examiner of the department shall be appointed by Controller of Examination.

Dr. Kavi Mahesh suggested that additional time could be given for examiners.

Resolution: The Council endorsed its approval to conduct online SEE for VIII Sem B.E, IV Sem M.Tech and VI Sem. MCA programs from 10th August 2020 onwards.

Sub. No. 234: Approval for declaration of results of II, IV, VI Sem. B.E, II Sem M.Tech and II & IV Sem MCA programs.

The Chairman briefed about the UGC Guidelines on Examinations for declaration of results. He also informed that, based on the formula provided by the VTU to consider 50% weightage for the current semester CIE and 50% weightage for the previous semester performance, the results shall be declared.

Dr. Kavi Mahesh opined that more weightage could be given for offline examination (75%) and for online examination, 25% weightage.

Resolution: The Council endorsed its approval to declare results of II, IV, VI Sem. B.E, II Sem M.Tech and II & IV Sem MCA programs, based on the formula provided by the VTU.

Sub. No. 235: Declaration of final year results, graduate list & ranks of UG & PG programs of 2016 - 2020 batch.

The Chairman sought permission from the Council to declare results of final year UG & PG students of 2020 graduating batch and to issue Provisional Degree Certificate (PDC) for the students who complete the Degree in all aspects to meet the requirements for placement and higher studies in India and Abroad.

Proceedings of the 29th Academic Council Meeting held on 27th July 2020 [Online – Cisco Webex]

Resolution: The council endorsed its approval to declare final year results, graduate list and ranks of UG & PG programs of 2016-2020 batch.

Sub. No. 236: Approval for conduction of proctored online / offline fast track theory exams and offline exams for Practicals during September – October, 2020

The Chairman briefed the members that, the institution is proposed to conduct proctored online / offline supplementary semester examinations in the month of Sept./Oct. 2020, through PROCTORTRACK – an online assessment system.

He highlighted about PROCTORTRACK and its features as under:

Video-based Monitoring: The student's activities during the exams are recorded using the exams. The system maintains a timeline, and the suspicious activities are highlighted using the timeline bar.

Online Violation: The system takes a regular screenshot of the various online activities which the student is doing during the exam. The screenshot is captured, which are co-related with the video-based monitoring.

Monitoring student devices: Every student device is differently configured with multiple applications loaded. The systems are put through seven-point checks that include Keyboard, Mouse, Hard drive, Monitor, Microphone, Webcam, and System. The test will not start if the laptop has a suspicious setting.

Wide range of incident types: Proctortrack supports a very large range of incident tracking that makes it the most comprehensive and advance proctoring software in the industry. There are over 20+ incident types.

Resolution: The Council endorsed its approval for conduction of proctored online / offline fast track theory exams and offline exams for Practicals during Sept.-Oct. 2020, subject to the guidelines issued from statutory bodies from time to time.

Sub. No. 237: (a) Starting of a Covid Cell at RVCE campus as per MHA/UGC/VTU guidelines

The Chairman informed that, as per MHA/UGC/VTU guidelines, a COVID Cell has been constituted in the campus. He also briefed about the activities of the cell as under:

- A Special Cell consists of faculty & staff has been formed to handle students grievance related to examination and academic matters during Covid-19 Pandemic.
- Dr. M.A. Lourdu Antony Raj, a Senior Professor in the institution is nominated as Nodal Officer of the Covid Cell. Lt. Col. (Retd.) Iswar Doddamni, Dy. Director (Admn.) is the Co-ordinator of the Cell.
- 117 Members (Faculty and Staff) are drawn across all departments, hostels, medical centre and maintenance depts. are drawn for various committees.
- Various Task Forces have been formed:
  - Campus Protocol Monitoring: Entrusted with the responsibility of monitoring and enforcing all regular protocols.
  - Provision and Supplies: Responsible for Planning, Procurement, Supply and Monitoring of all Provisions to the campus residence.
  - Medical: Responsible for looking after the Health & Medical Needs of RVCE community at all times.
  - BBMP Co-ordination: Responsible for all co-ordination with BBMP during normal and as well as emergency situations on the campus.
  - Residential Co-ordination: Responsible to meet the needs of Hostel students and residence on the campus.

Proceedings of the 29th Academic Council Meeting held on 27th July 2020 [Online – Cisco Webex]

- The Leaders of the Task Forces met twice & discussed about the procedures to be followed.
- The Standard Operating Procedure (SOP) for RVCE as per MHA / UGC / VTU is under Preparation. Posters are already displayed in prominent places. Sanitizers, thermal checking and social distancing is adopted for employees.
- An exclusive Office Space is being identified to carryout Cell Activities in the campus.

Sub. No. 237: (b) Approval of 2 years MCA program 2020 -21 scheme and syllabus

Dr. Andhe Dharani, Director (MCA) briefed about 2020-21 scheme and syllabus of MCA program.

Dr. Mathiarajan suggested to incorporate Computer Science related bases courses in first semester, Computer Application oriented courses in 2nd & 3rd Semester and Seminar / Project in 4th Semester. He also suggested to include courses viz. Data Science, Digital Management Techniques, Resource Management Techniques in the MCA program. He also suggested to replace Research Methodology course with Job Oriented Course. Dr. Prabhakar echoed the views expressed by Dr. Mathiarajan.

Dr. Rajshekar Malur suggested to include courses on Artificial Intelligence, Machine Learning, Big Data Analytics. He also suggested to include Linear Algebra in the syllabus.

Dr. Prabhakara suggested to include Data Science / Digital Programming course instead of Shell Scripting.

Dr. M.H. Kori suggested to include Business Finance / Economics in the syllabus.

Dr. K.P. Shivananda suggested to include U & UI in Design Thinking course.

Resolution: The Council approved 2020-21 scheme of MCA program and suggested to incorporate the changes in the final scheme and syllabus, as discussed in the meeting.

Sub. No. 237: (C) Augmentation to existing syllabus on Professional Practice.

The Chairman briefed the members about augmentation to the existing syllabus on Professional Practice offered in UG and PG programs.

B.E. Program	
➢ Critical Thinking ➢ Critical Writing ➢ Global Citizenship ➢ Modern Economy & Relevance ➢ World of Management ➢ Collaboration ➢ Media Literacy ➢ Digital Literacy ➢ Introduction of World of work ➢ Creating Jobs ➢ Understanding Context & Human ➢ Expression & Story Telling + Brief into IPR, Cyber Law & Rights ➢ Problems - Ideas - Action ➢ Making Idea Work	➢ Social Vs. Capital ➢ Constitution of India ➢ India - A Reality Perspective ➢ Indian Literature & Writers ➢ Indian History ➢ Under Making ➢ Brief into the world of Psychology ➢ Relationship between Human & Machine ➢ Ergonomics ➢ Cognitive Science ➢ Human Mind ➢ Theories & Implementation ➢ Behaviour - Data & Patterns

Proceedings of the 29th Academic Council Meeting held on 27th July 2020 [Online – Cisco Webex]

Masters Program	
➢ Critical Thinking ➢ Critical Writing ➢ Global Citizenship	➢ Collaboration ➢ Media Literacy ➢ Digital Literacy

Dr. Mathiarajan suggested that, the students should be asked to give a seminar / presentation / write a report on the assigned topic. Such topics may be assigned with 5 or 10 marks.

Resolution: The Council endorsed its approval to incorporate the changes in the existing syllabus on Professional Practice.

The meeting concluded with thanks to the chair.

Member Secretary
Academic Council

Member Secretary
Academic Council
RV College of Engineering (Autonomous)
Bangalore-560 059

RV College of Engineering

Sub. No. 228: Achievements of RVCE

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Sl. No.	Particulars	
1	Research / Consultancy project proposals submitted	30 – worth Rs. 10.06 crores
2	Project grants received	06 - Rs. 26.70 lakhs
3	Training / consultancy activities	011 – Rs. 44.46 lakhs
4	Workshops / Seminars / Conference / Events Organized	30
5	Invited talks delivered by faculty	18
6	Expert Lectures organized by the depts.	03
7	No. of workshops / Seminars / Conferences / Online Webinars attended by Faculty/ Staff:	725
8	Journal Publications by Faculty (International / National)	94/0
9	Conference Publications by Faculty (International / National)	19/1
10	Book published/chapter authored by faculty	04
11	MoUs / MoA signed	05
12	Patent Filed / Published / Granted	04/03/01 [Filed 49 patents as on date]

RV College of Engineering

Institute Achievements / Recognitions

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nirf

2019-20

70th in the country

Criteria	TLR	RPC	GO	OI	PER	Overall Score
Marks	63.06	13.29	59.79	48.3	13.2	41.02
Position	56	83	60	83	56	70



Rated 'A' grade by NPTEL in Online Certification courses during the period Jul - Nov. 2019

UGC Expert Committee visited on 14th & 15th Feb. 2020 to Review Autonomy Status.
[Extension of Autonomy granted till 2023-2024]

68th place in the country (Jul. Oct. 2019)

RV College of Engineering

Institute Achievements / Recognitions

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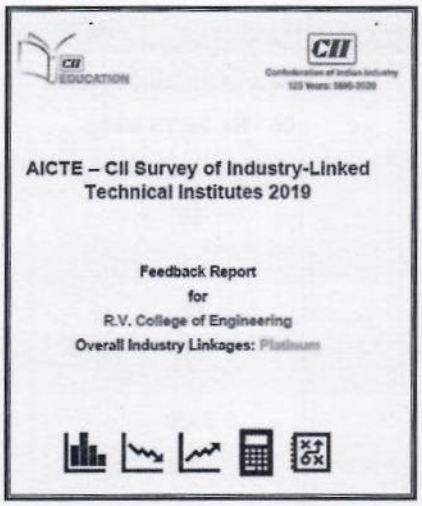
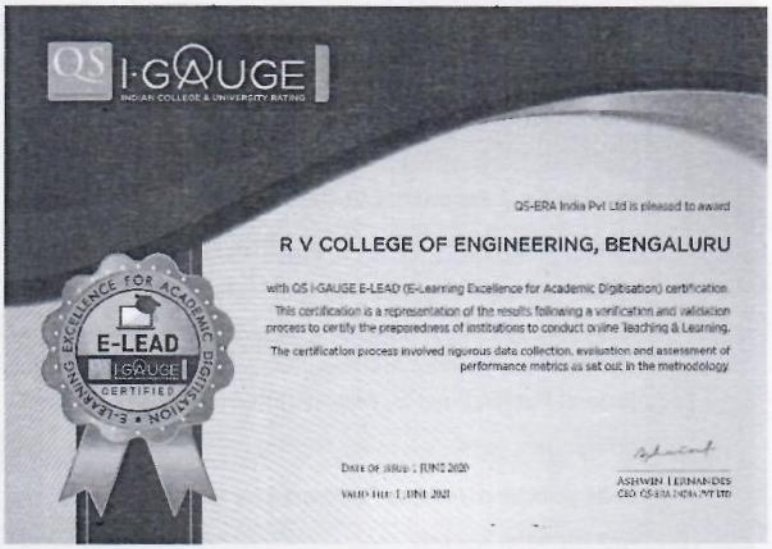


AICTE-CII Survey of Industry-Linked Technical Institutes-2019 (Platinum)



RV College of Engineering

Placement Statistics (UG & PG combined)

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Range of Salary and Number of Offers

Salary break up in LPA	2017-2018		2018-2019		2019-2020*	
	No. of Comps.	No. of offers	No. of Comps.	No. of offers	No. of Comps.	No. of offers
4 to 6 L	48	275	44	309	104	619
6 to 8 L	30	122	36	230	29	180
8 to 12 L	55	203	57	274	58	240
12 to 14 L	9	63	15	105	18	55
14 L & above	23	65	31	150	43	193
Total	**204**	**1077**	**230**	**1452**	**252**	**1287**

*Still in Progress

Year	2018	2019	2020*
Highest CTC – UG	39.10	48.08	52.00
Highest CTC – PG	17.76	20.00	20.20
Median Salary –UG	7.00	8.00	*
Median Salary –PG	5.00	6.00	*

MCA
05 International Placements
Year 2019-2020
JSOL – 28 L. Synapse – 19 L.
TOYOKH – 22 L.

2020-2021 Placement process started:
- Already 27 companies confirmed.
- 03 students placed through pre-placement offer.
- 115 UG undergoing summer internship.
- 106 PG students undergoing 1 year internship.

RV College of Engineering

International Placement

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2018	
NAME OF THE COMPANY	NO. OF OFFERS MADE
MISCO	5
BARCLAYS CONSULTING GROUP	8
LOWES	3
STATE STREET	4

2019	
NAME OF THE COMPANY	NO. OF OFFERS MADE
ALP CONSULTING	29
ZENKEN	1
TEMAIRAZU	2
ATLESIAN	2

2020	
NAME OF THE COMPANY	NO. OF OFFERS MADE
AMBITION	01
JSOL	01
TOYOKOH	03
YOKOMORI	01
TECHMAGIC	02
TEMAIRAZU	01

RV College of Engineering

SAP-ERP: Integrated Overview

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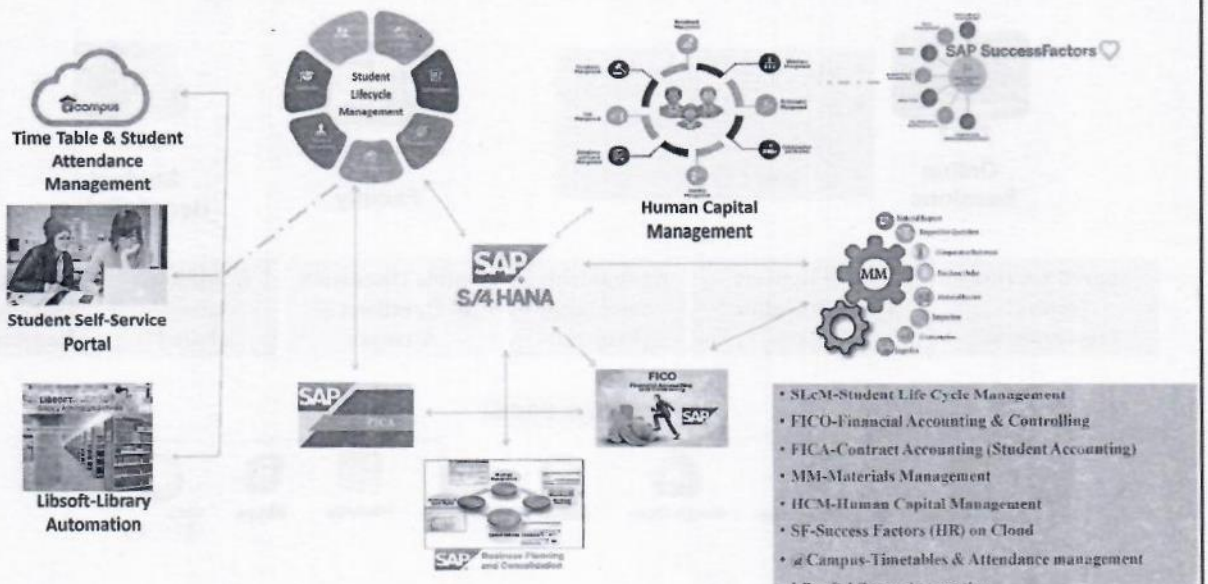

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EXAMINATION AUTOMATION USING SAP

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Examination Process Modules

- ❑ Room Allotment & Seating
- ❑ Generation of A&B-Forms
- ❑ Entry of SEE-Practicals Marks-UG & PG w.e.f 2020 Odd Sem. Exam
- ❑ Hall Tickets Generation
- ❑ PG Thesis Uploading & Evaluation
- ❑ Grade Generation
- ❑ Result Sheet Generation (Under Process)
- ❑ Result Analysis (Under Process)
- ❑ CO Attainment (Under process)

RV College of Engineering

Online Classes (April – June, 2020)

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7982
Online Sessions

- UG : 3648 (higher sem.)
- M.Tech : 2182
- MCA : 921
- 1st year : 1231



370
Faculty



6000+
Student Beneficiaries

Shared Lecture Notes / Presentations	Course Delivery through Online Classes	Assignments / Seminars / Projects	Online Discussion of Questions & Answers	E-Sikshana Materials shared	Digital Library & Resources

Platforms used

Zoom(meeting) Google(meet/class) Google Drive Email YouTube Lite WhatsApp Skype Cisco webex

RV College of Engineering

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QuikIrn

QuikIrn supported taking education online during covid-19 pandemic. QuikIrn Adaptive Learning Management Solutions helped to take classes and assignments online during this challenging time.

Features

- Randomized Questions and options.
- Secured Access to Quizzes.
- Quizzes are time bound and will be available only for a specified time.
- Diversity in Question Type.
- Access to Internet is not available to the students by whitelisting of only Quiz Application during the Quiz time.
- Immediate Results after submission.
- Technical glitches & out of syllabus issues addresal mechanism.

II 6140* Semester



IV 7322* Semester

VI 7423* Semester

** No. of Online Quizzes / assessments during COVID-19*

BCIC

RV College of Engineering

Faculty Feedback Analysis

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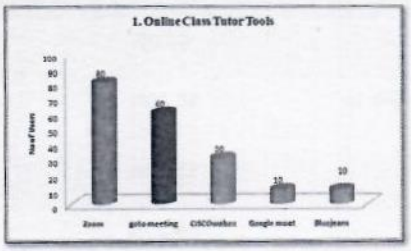
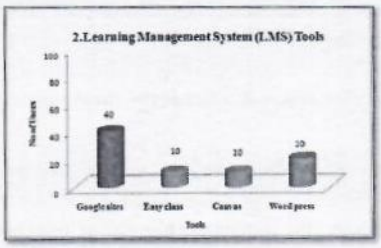
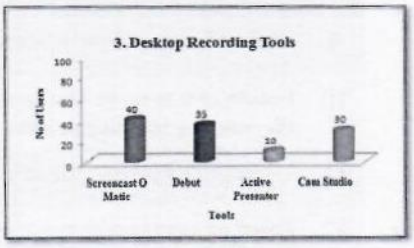
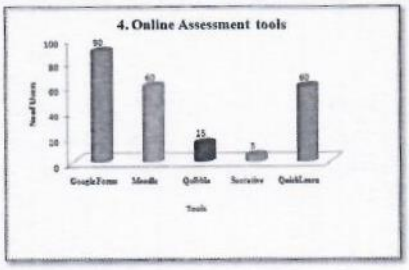
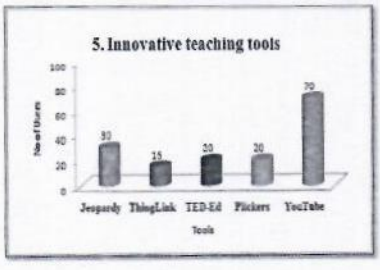
The following bar charts shows the feedback taken from 100 Engineering Faculty regarding the usage of various tools for conduction of online classes.











RV College of Engineering

Faculty Feedback Analysis

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SL	Questions	Positive Response (%)
1	Online sessions are informative and effective to students	70.00
2	Students are motivated to interact with the faculty during online sessions	61.30
3	My students feel connected to peers during the session	59.70
4	I feel that my students are given ample opportunities to learn	51.90
5	I could able to effectively communicate the course contents as planned	53.90
6	Instructions have been given to students regarding the schedule of online session, topics & assignment	84.00
7	I could able to effectively communicate important deadline Assignment/Self Study/Technical Seminar/ Project Evaluation	74.50
8	Effectively utilization of time and learning experience by students	58.00

RV College of Engineering

Faculty Feedback Analysis

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SL	Questions	Positive Response (%)
9	I enjoyed the teaching process during my online session	56.00
10	I could able to invite students for discussion & encourage their participation in the teaching learning process	60.90%
11	I could able to effectively get their attention during my online session	81.10%
12	Based on your experience, would you like to teach other online courses in future?	50.20%

RV College of Engineering

Student Feedback Analysis

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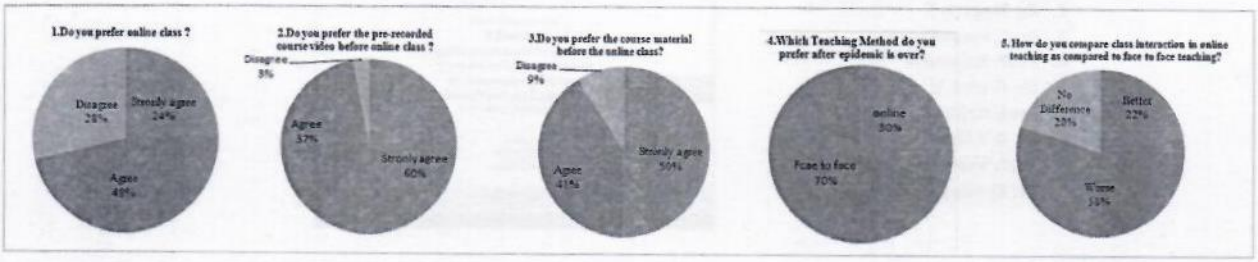
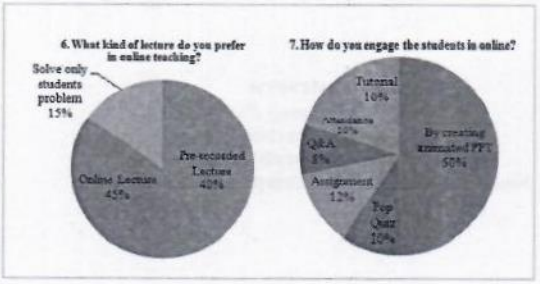
Online class teaching feedback from the Engineering Students (Sample Size: 600 students)



1. Do you prefer online class?
2. Do you prefer the pre-recorded course video before online class?
3. Do you prefer the course material before the online class?
4. Which Teaching Method do you prefer after epidemic is over?
5. How do you compare class interaction in online teaching as compared to face to face teaching?
6. What kind of lecture do you prefer in online teaching?
7. How you engage the students in online?



RV College of Engineering

Student Feedback Analysis

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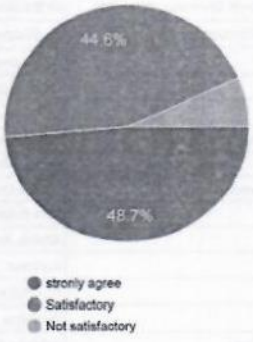
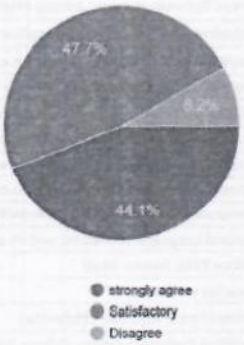
Course contents delivered effectively



Q & A was encouraged



Faculty was able to make you understand the concepts clearly



RV College of Engineering

Digital Transformation in Teaching Learning Process

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1. Prof. Jyothi Shetty
2. Dr. Nagesh S
3. Prof. Prapulla S B
4. Prof. Rajavidya
5. Dr. Prema V
6. Prof. Rajith Kumar B K
7. Dr. B V Uma
8. Prof. Sheila H K
9. Dr. Kendaganna Swamy



Coursera
(On-Line Learning Platform)
Total courses enrolled: 2423
Total no of students/faculty enrolled: 2077
No. of students/Faculty Completed (17.6.20): 871

NPTEL-AICTE Faculty Development Program
Course Certification

Faculty	Completed 104 Courses	Registered 145 Courses
35		

RV College of Engineering

Online Webinars

Go, change the world

List of Webinars Conducted through CISCO-RVCE CoE in IoT, WebEx Platform

Sl. No	Program Name	Speaker Name	No. of Participants
1	opportunities in Defense.	Lt. Anirudh G Rao, Alumni of RVCE, IEM	185
2	AL,ML and Other Key Technologies enabling 5G, Dr M.H.Kori, ETE Dept.	Dr M.H.Kori	120
3	Mathematical Models for Research.	Dr K.N.Subramanya	200
4	Fundamentals of Biostatics, Biotechnology Department	Dr Vidya N	180
5	UPSC Preparation Strategy,	Rahul Sankanur, IAS	160
6	Breaking into Data Science	Sheela Sidappa, Bosch Pvt Ltd	190
7	Green Technology for Improving Biodiversity, on Occasion of World Environmental Day	Dr Ravishankar	80
8	Electrical Switch Gear and its Applications, by Universal Power Electronics	Dr. Preetam	60
9	Electrical Vehicle Control Algorithm using Matlab.	Dr. Saumyadeep Ray KPTI.	80
10	Bio Informatics : Inherent life line for Biology	Dr Manjunath Reddy	350
11	Advanced Diagnostic Systems in Automotive.	Dr Pattanshetti, Ex Director CPRI	60
12	Energy Systems for Electric Vehicle: Lithium Batteries with focus on Material.	Shri Ashirwad Acharekar, Singapore	80
13	Scope and Future of Solar Energy as a Sustainable Source	Dr Suresh R Chemical Engg Department.	180
14	Boost your Immune System by Natural Biotics, Chemistry Department.	Dr. Preetam	150
15	Connected technology Growth in India and Future Prospects.	Shri Ashiwad A	60
16	Natural Language processing and its applications	Ritesh, Research Scientist Phillips	75
17	TEDex RVCE Alumni Meet	General	120
18	Yoga for wellbeing.	Dr Omkar IISC	300
19	International Yoga Day Celebration	Dr Vidya	350
20	Building Resilience Among College Students during uncertain times.	Ashwini NV Jain University	180
21	Report Writing and Journal Publications.	Dr Suresh R Chemical Engg Department.	160
22	Clean Energy and Climate.	Dr Basavaraj , Chemical Department	50

RV College of Engineering

Online Webinars

Go, change the world

List of Webinars Conducted through CISCO-RVCE CoE in IoT, WebEx Platform

23	Standards and Processes in Automotive Software Industry	Aishek Kumar CEO of V Flow Technologies Singapore	80
24	E Mobility, by Aishek Kumar CEO of V Flow Technologies Singapore	Aishek Kumar CEO of V Flow Technologies Singapore	60
25	Graphene Based Super Capacitor: Challenges and Opportunities.	Dr Nirmal Ballav IISER PUNE	110
26	Airmatic Suspensions in Mercedes Benz.	Dr Sridhar RVCE	60
27	Application of Computers in Design automation for handlooms and power looms in textiles	Shri Krishna Ramaswamay	180
28	Improving efficiency of ML Algorithm using HPCC System Platforms	Shri Karunkar Rai	160
29	Civil Services Right Attitude to ace the exam and after, by	Keerthi Kiran Pujar-IAS	190
30	RF Basics Antennas and Measurements	Scientist DRDO	120
31	Aromatic Suspensions in Mercedes Benz.	Dr Sridhar R	110
32	National Webinar on Fitness to Statistics	Panel of 4 Members	400
33	Supply Chain Management in Aerospace Engineering	Dr K.N.Subramanya	60
34	Recent Trends, Challenges and Opportunities in Network Virtualization	Shri Nikhil Kulkarni NETAPP	160
35	Recent Trends, Challenges and Opportunities in Network Virtualization	Shri Krishna Ramaswamay	160
36	Recent Trends, Challenges and Opportunities in Network Virtualization	Shri Karunkar Rai	160
37	Recent Trends, Challenges and Opportunities in Network Virtualization	Shri Krishna Ramaswamay	200
38	Vedanta Therapy for Life		100
39	Invisible Design	Shri Ujjawal Sharma, One Plus	60
40	Residual Stresses, Structural Integrity	Panel of 6 Members	150
41	Fundamentals of Biostatics	Dr Manjunath Reddy	400

RV College of Engineering

Online Faculty Development Programs

Go, change the world

OBE & its Impact on Accreditation Process – Margadarshan Scheme

Sl. No	Program Name	Speaker Name	No. of Participants
1	Significance of NBA in the present context of changing paradigm in Higher Education Innovative Practices in Teaching and Learning Process	Prof. Dileep N Malkhede, Advisor-I, AICTE, New Delhi) Dr. K.N. Subramanya, Principal	400
2	Online Teaching Learning & Evaluation Process	Dr. P. Ramakanth Kumar	400
3	Strategic planning at institutional & program level and Curriculum Planning & Teaching-Learning Process	Dr. N.S. Narahari, Dr. K.S.Geetha	400
4	ICT Tools for Teaching Learning Process	Dr. Kendagannaswamy & Ms. Prapulla SB	400
5	Outcome Based Education- An assessment in terms of Course Outcomes and Program Outcomes and Students performance- Quantitative analysis	Dr. K.S.Geetha, Dr. Renuka Devi	400
6	Defining COs, Course Articulation, CO attainment	Dr. Anala & Dr. Shilpa DR	400
7	Changing Functions of Human Resource and Continuous Quality Improvement in Higher Educational Institutions	Dr. H.N. Narasimhamurthy, Dr. N.S. Narahari	400
9	PO attainment (Indirect assessment tools and defining rubrics for evaluation)	Dr. Shylashree & Dr. Ramaa A	400
10	Enhancement of first year academic performance and First Year CO attainment	Dr. Sudha Kamath, Dr. Swarna Mayee Patra & Dr. Nagesh	400

RV College of Engineering

Online Faculty Development Programs

Go, change the world

Application of Geo Informatics in Environmental Engineering

Sl. No	Program Name	Speaker Name	No. of Participants
1	Marine Pollution & Coastal Hazards	Dr. R M Narayanan Dr.M.G.R, University Chennai	60
2	GIS Tools	Mrs. Rahisha T , IIIT-B	60
3	Environments Studies using Remote Sensing	Dr. K Ganesha Raj , ISRO	60
4	Real time Flood Monitoring	Dr. Shubha Avinash, KSNDMC	60
5	Urban Planning	Dr. T.V. Ramachandra , IISc	60
6	GIS Data Sources	Dr.K.Gajalakshmi, RVCE	60
7	Land Subsidence & Flood Vulnerability	Dr. Ir. Nurhamidah Indonesia	60
8	Environmental Management	Dr.Ravi , KSPCB	60
9	Air Pollution Modelling	Dr.S.M.Shiva Nagendra, IIT Madras	60
10	Waste Management	Dr. M. Lokeshwari, RVCE	60

Go, change the world

Establishing a Centre for Education & Digital Learning Research [CEDLR]

The Centre is being established supported by RV Management and CSR Funds from M/s Johnson Lifts.

- **Development of MOOCs courses**
- **Conduction of Pedagogy Training for our faculty on a regular basis**
- **Research related to Digital learning**
- **Enhancement of Teaching Learning Processes by adopting newer technologies & methodologies**

RV College of Engineering

World Telecommunication and Information Society Day (WTISD-2020)

Go, change the world

Organized on 18th May 2020, by Department of Telecommunication Engineering, under the ITU Theme *"Connect 2030: ICTs for the Sustainable Development Goals (SDGs)"*, had a release of Newsletter "Tarangavani" , Announcement of Arunodaya Scholarship beneficiaries, a Webinar by Dr. M H Kori on "AI,ML & Other Key Technologies driven by 5G" and a session on paper presentation, attended by 150 participants both Off line and online.









RV College of Engineering

AICTE - Online Workshop on "Incorporating Universal Human Values in Technical Education" – 2nd to 6th May 2020

Go, change the world

Day	Session timings	Particulars
	9:30 – 11:30 AM Session 1	Introductions and Welcome Role of Values in Technical Education: Prof. Anil D Sahasrabuddhe, chairman AICTE Incorporating Universal Human Values in Technical Education: Dr. Rajneesh Arora, chairman, NCC-IP (Policy for value based education, UHV-II, UHV-I (SIP) are significant steps in this journey)
	12:00 – 1:30 PM Session 2	Holistic Development and Role of Education
	6:00 – 7:30 PM Session 3	Holistic Development and Role of Education
		Assignment for the Day – State of education, educational institutions, society
Day 2	9:30 – 11:30 AM Session 4	Review of Assignment, Recap of day 1, Q&A Understanding the Human Being – Self and Body
	12:00 – 1:30 PM Session 5	Prosperity and Health Understanding the Human Being – Self
	6:00 – 7:30 PM Session 6	Harmony in the Human Being
		Assignment for the Day – List of Desires
Day 3	9:30 – 11:30 AM Session 7	Review of Assignment, Recap of day 1-2, Q&A Understanding Relationship – Trust
	12:00 – 1:30 PM Session 8	Understanding Relationship – Respect
	6:00 – 7:30 PM Session 9	Harmony in the Family (Understanding Relationship) – Trust and Respect
		Assignment for the Day – Relationship
Day 4	9:30 – 11:30 AM Session 10	Review of Assignment, Recap of day 1-3, Q&A Understanding Relationship – Justice
	12:00 – 1:30 PM Session 11	Understanding Society Understanding Nature
	6:00 – 7:30 PM Session 12	Understanding Existence
		Assignment for the Day – Society, Nature and Existence
Day 5	9:30 – 11:30 AM Session 13	Sum Up and Program Specific AICTE programs
	12:00 – 2:00 PM Session 14	Valedictory Program Self-evaluation & Commitments

Participants:

1) Dr. K.N. Subramanya, Principal – RVCE
2) Dr. M.V. Renukadevi, Professor, Dept. of CV
3) Dr. Rajashree Shettar, Professor, Dept. of CSE

IUCEE Leadership Summit (10-12 July 2020)

Go, change the world



Dr. K.N. Subramanya, Principal
Nominated as Member of the Management Committee of BCIC for the term 2020-21
Nominated as Secretary of ORSI-Karnataka Chapter.

RV College of Engineering

Online workshop : 'Data Processing Essentials'

Go, change the world

For RVCE and RVITM

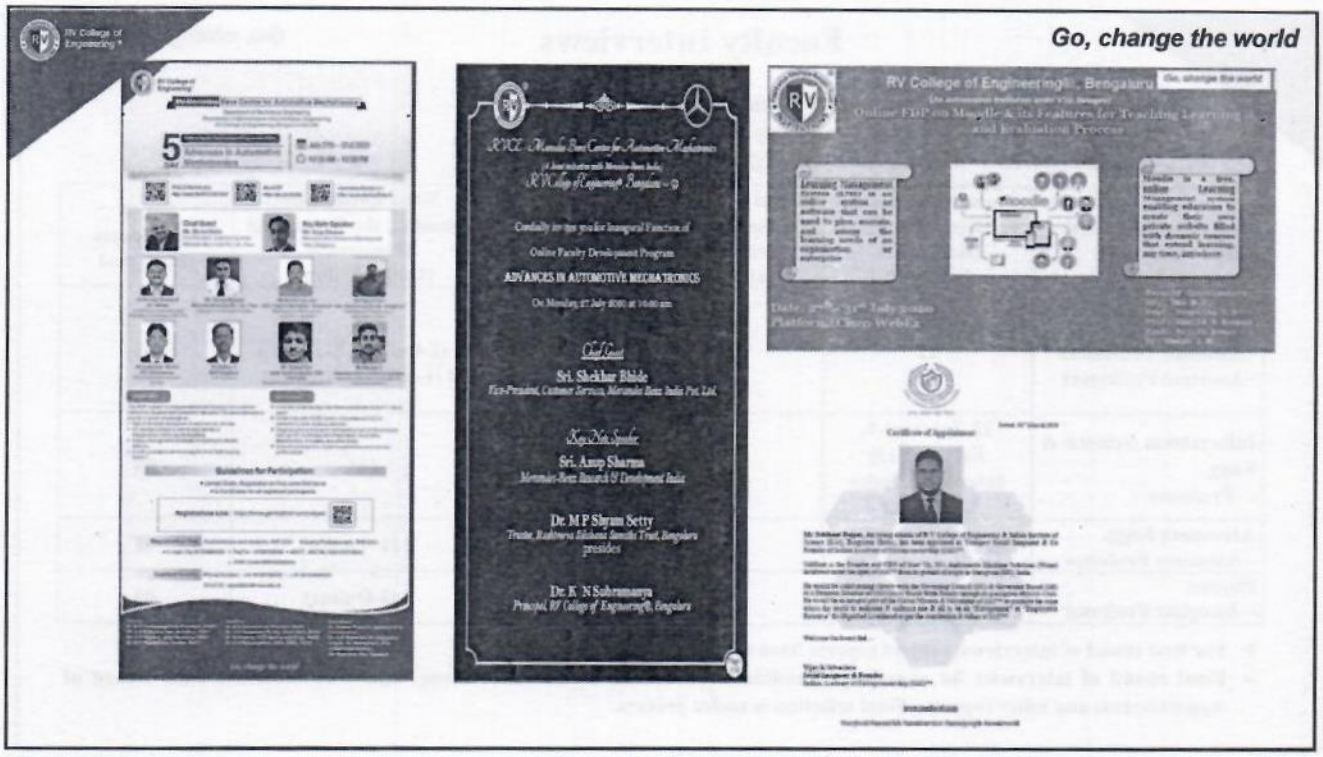
From 22-05-2020 to 10-07-2020
Conducted By: Technical Staff, Department of ISE, RVCE

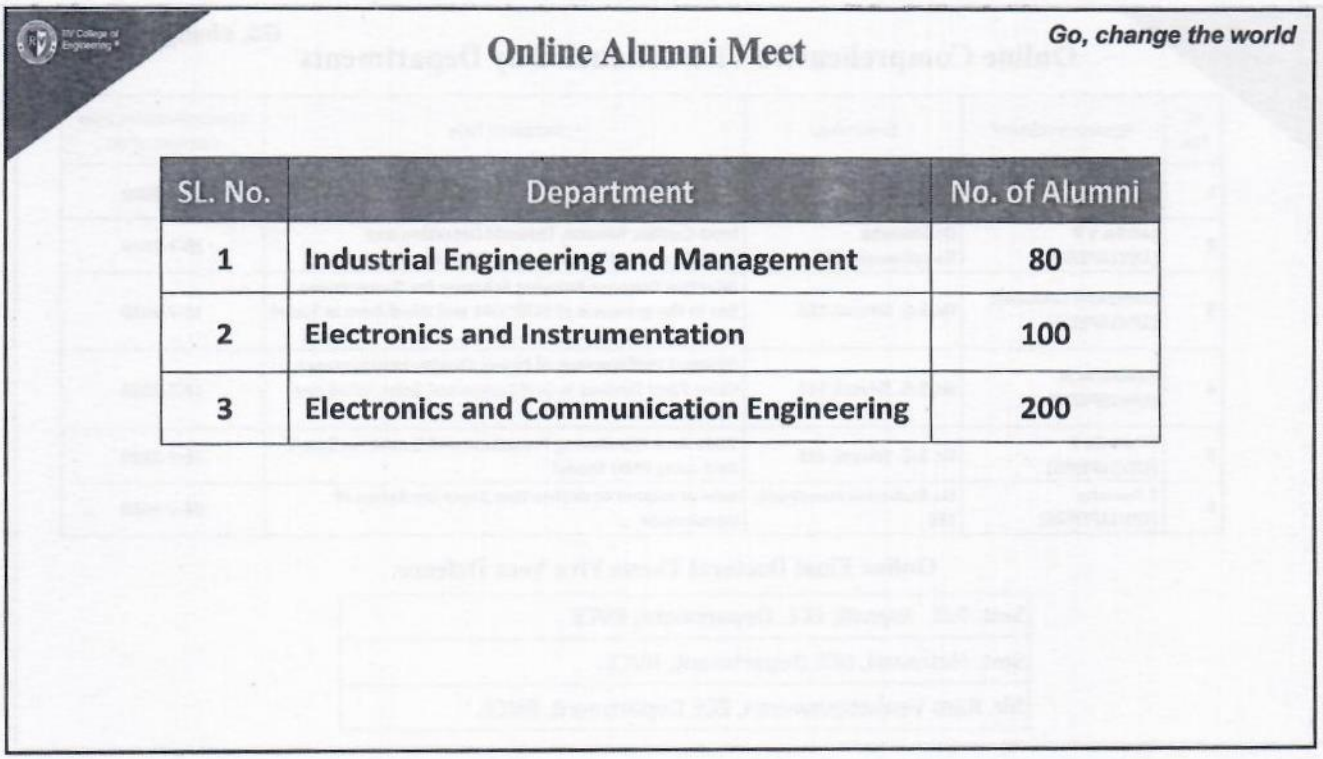
Online Sessions	14
Short Videos	10
RVCE Participants	31
RVITM Participants	22

Assignments and Tests

Advanced Word Features	Advanced Excel Features	PowerPoint
Google Drive	Google Sheets	Outlook Configuration
Video editing	Computing Devices	

WebEx Platform





SL. No.	Department	No. of Alumni
1	Industrial Engineering and Management	80
2	Electronics and Instrumentation	100
3	Electronics and Communication Engineering	200

Faculty Interviews

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Advertisement released on 4th March, 2020 for the position of:

a. Professor – Information Science & Engineering
b. Associate Professor's – Physics, Aerospace Engineering, Mathematics

Department/Position called for	No of Applications received from office (Internal & External)	No of candidates called for first round of interviews	Date of first round of interviews	No of Candidates attending the first round of interview (Online/Offline)	No. of Candidates shortlisted
Mathematics: - Associate Professors - Assistant Professors	22 11	9 11	10.6.2020	8 (1-Online), 1- Absent 8 (1-online), 3-Absent	03 03
Information Science & Engg. - Professor	22 (Internal-9, External-13) Internal includes ISE/CSE	11	12.6.2020	11	08
Aerospace Engg. – Associate Professor	08	06	10.6.2020	2 (1- Online)	01
Physics – Associate Professor	33(2 Internal)	08	8.6.2020	8 (3-Online)	03

- For first round of interviews, subject experts from other Institutions are called for.
- Final round of interviews for shortlisted candidates conducted on 30.6.2020 along with VTU Nominee from Board of Appointments and other experts. Final selection is under process.

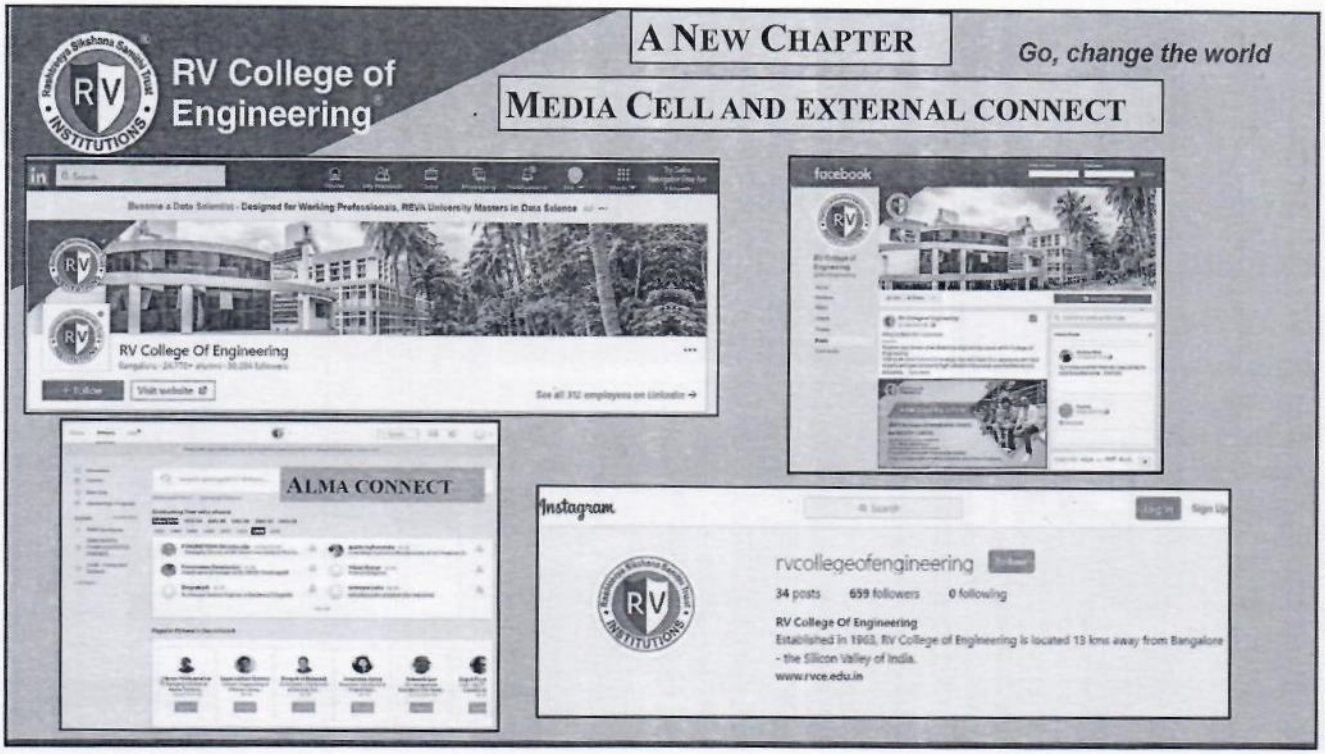
Online Comprehensive Viva conducted by Departments

Go, change the world

Sl. No.	Research Scholar	Supervisor	Research Title	Comprehensive Viva Conducted on
1	Raghavendra Devadas (1RV17PEA18)	Dr. G.N. Srinivasan Ex. Professor, RVCE	Ranking of Requirements Using Fuzzy Logic Approach for an Health Care Domain	15-7-2020
2	Lalitha V P (1RV15PEJ32)	Dr. Shantha Rangaswamy CSE	Intra-Cardiac Tumour, Thrombi Detection and Classification of Tumour using Echochardiography	20-7-2020
3	Sulochana Lakkalkot (1RV16PEJ11)	Dr. S.G. Srivani, EEE	Adaptive Distance Relaying Schemes for Transmission line in the presence of STATCOM and Wind farm in Smart Grid	18-7-2020
4	Rakesh M.N (1RV16PEJ18)	Dr. S.G. Srivani, EEE	Dynamic Performance of Power Quality Improvement Using Facts Devices in Grid Connected Solar, Wind and Hybrid System	18-7-2020
5	Kiruthika K (1RV16PEJ05)	Dr. S.G. Srivani, EEE	Wide Area Monitoring Protection and Control in Smart Grid using PMU Model	18-7-2020
6	C.Suresha (1RV11PEN26)	Dr. Rudranna Nandihalli, EEE	Role of sulphur in destruction paper insulation of transformer	08-7-2020

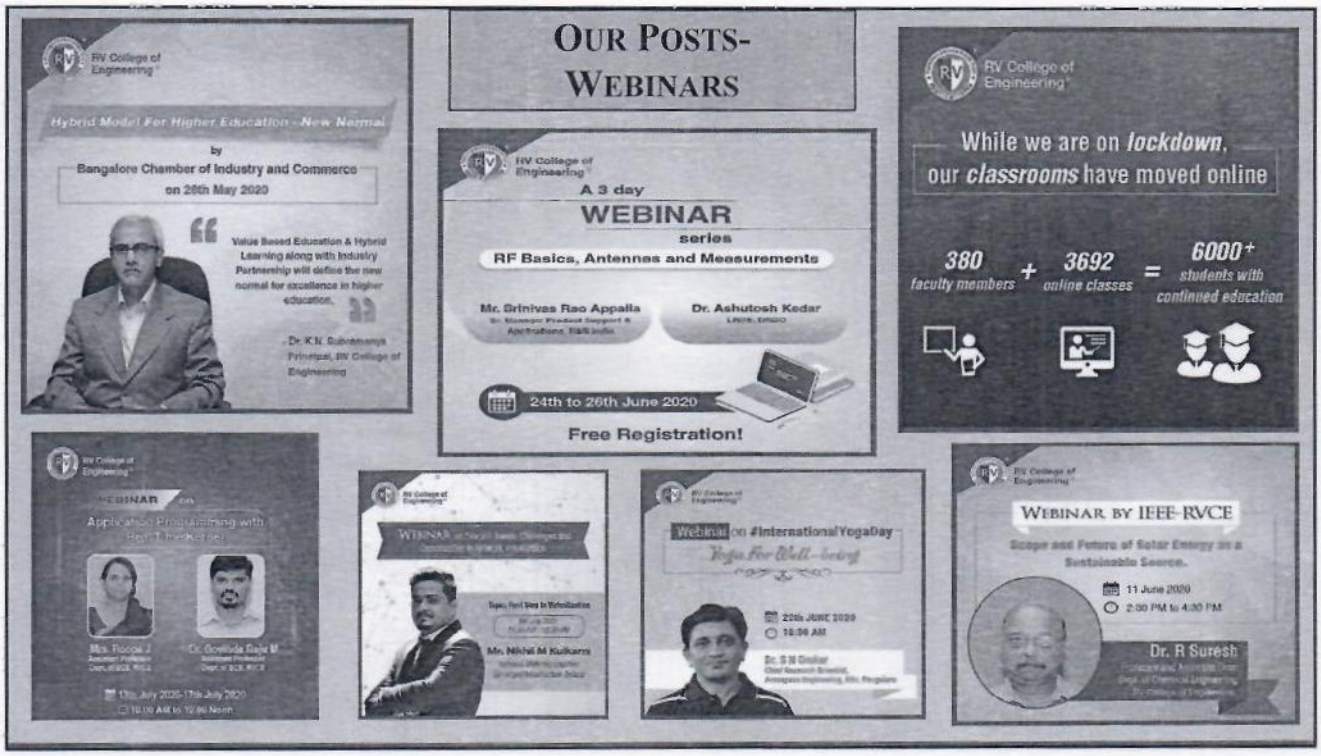
Online Final Doctoral Thesis Viva Voce Defence

Smt. P.N. Jayanti, ECE Department, RVCE
Smt. Netravati, ECE Department, RVCE.
Mr. Ram Venkateshwaran, ECE Department, RVCE.

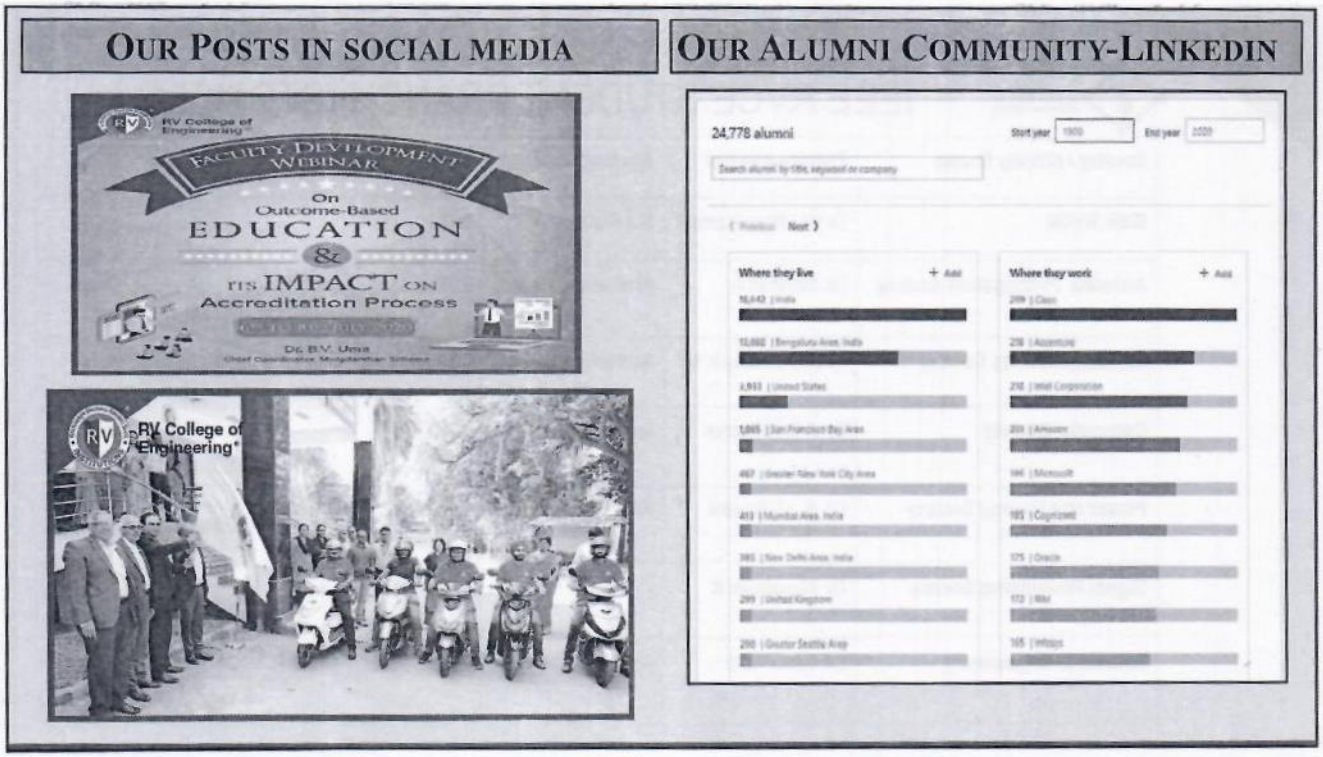

RV College of Engineering
A NEW CHAPTER
Go, change the world
MEDIA CELL AND EXTERNAL CONNECT
RV College Of Engineering
facebook
ALMA CONNECT
Instagram
rvcollegeofengineering
34 posts
659 followers
0 following
RV College Of Engineering
Established in 1963, RV College of Engineering is located 13 kms away from Bangalore - the Silicon Valley of India.
www.rvce.edu.in


OUR POSTS IN SOCIAL MEDIA
Happy World Environment Day
Webinar on
Mathematical Models For Research
on 22nd March 2020
Only through equations, can we bind our experiments to reality.
Vandita Rajeev
#AchieversAtRVCE
Engineering the #FightAgainstCorona!
Our alumni are saving lives with their 2-way ventilator splitter
Kaushik Mudda
Industrial Engineering and Management Department
ALUMNI MEET
Reconnect with your college memories online
31st May Sunday
Time: 7:00 PM


OUR POSTS IN SOCIAL MEDIA
RV College of Engineering
National WEBINAR on
FITNESS TO STATISTICS
Dr. S Suthakar
Dr. K.K Amarnath
Dr. Sundar Raj Urs
Dr. K.N Subramanya
Topic: Physical Fitness
Topic: Fitness related to Health
Topic: Psychological Aspects
Topic: Statistics
7TH JULY 2020
Paper drive for COVID relief
#CSR
RVCE - FHWS Certificate Program
Electronics and Instrumentation Engineering
ANNUAL ALUMNI MEET
2020
REGONNECT WITH YOUR COLLEGE DAYS ONLINE
27th June Saturday
7:00 PM - 9:00 PM


OUR POSTS-
WEBINARS
Hybrid Model For Higher Education - New Normal
by
Bangalore Chamber of Industry and Commerce
on 28th May 2020
Value Based Education & Hybrid Learning along with Industry Partnership will define the new normal for excellence in higher education.
- Dr. K.N. Subramanya
Principal, RV College of Engineering
A 3 day
WEBINAR
series
RF Basics, Antennas and Measurements
Mr. Srinivas Rao Appalla
Dr. Ashutosh Kedar
24th to 26th June 2020
Free Registration!
While we are on lockdown,
our classrooms have moved online
380 faculty members + 3692 online classes = 6000+ students with continued education
Webinar on #InternationalYogaDay
Yoga for Well-being
20th JUNE 2020
Dr. S B Divakar
WEBINAR BY IEEE-RVCE
Scope and Future of Solar Energy as a Sustainable Source.
11 June 2020
2:30 PM to 4:30 PM
Dr. R Suresh


RV College of Engineering
Vandita Rajeev
Finalist at Re-Think Tank by
#AchieversAtRVCE
OUR POSTS-
STUDENTS ACHIEVEMENTS
Abdul Khaliq Ahmed
Shashank Holla
RV College of Engineering
Mr. Kashif Naukhez
PEOPLE OF RV
Amrathesh
Naman Jain
Chidroop I
Lakshmi V Narke


OUR POSTS IN SOCIAL MEDIA
OUR ALUMNI COMMUNITY-LINKEDIN
RV College of Engineering
FACULTY DEVELOPMENT WEBINAR
On
Outcome-Based
EDUCATION
&
its IMPACT on
Accreditation Process
Dr. B.V. Uma
24,778 alumni
Where they live
Where they work

RV College of Engineering

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Pre - Placement Training Sessions organized for 6th sem students of RVCE by Coding Club



<Coding Club>

RV College of Engineering

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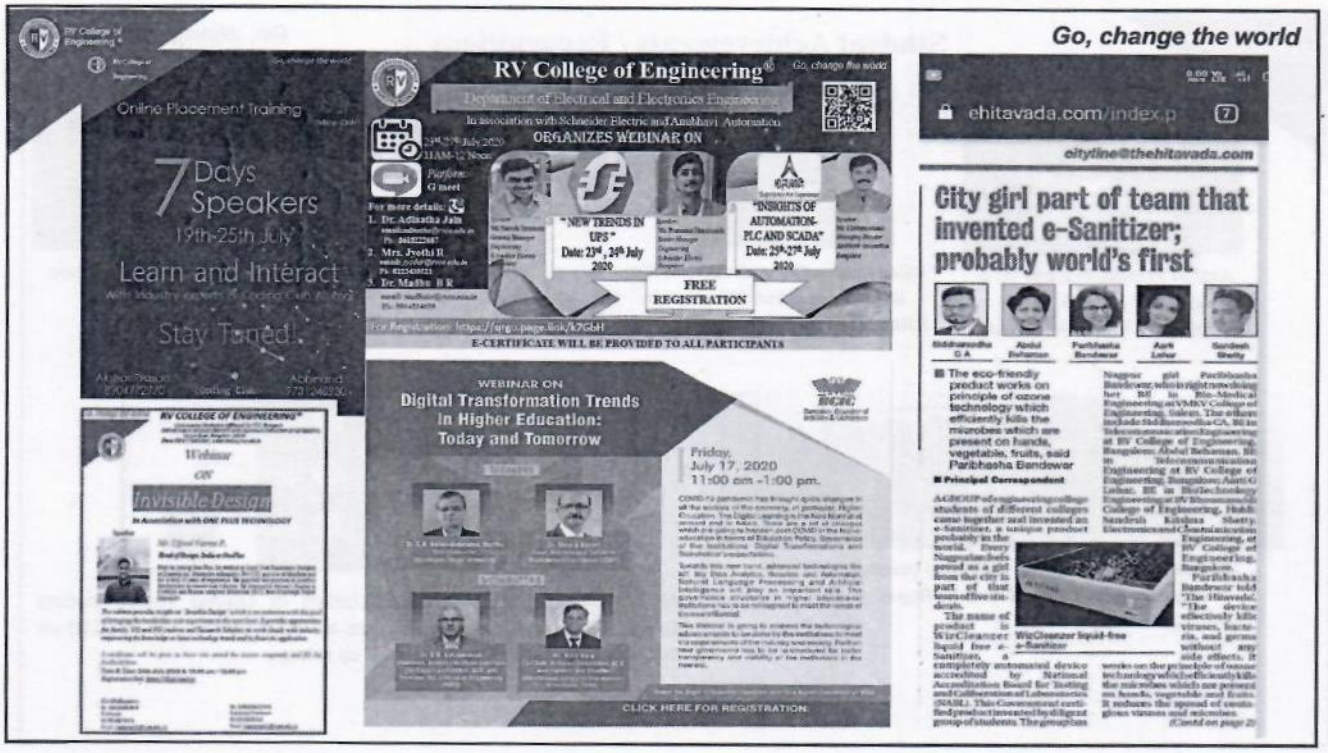
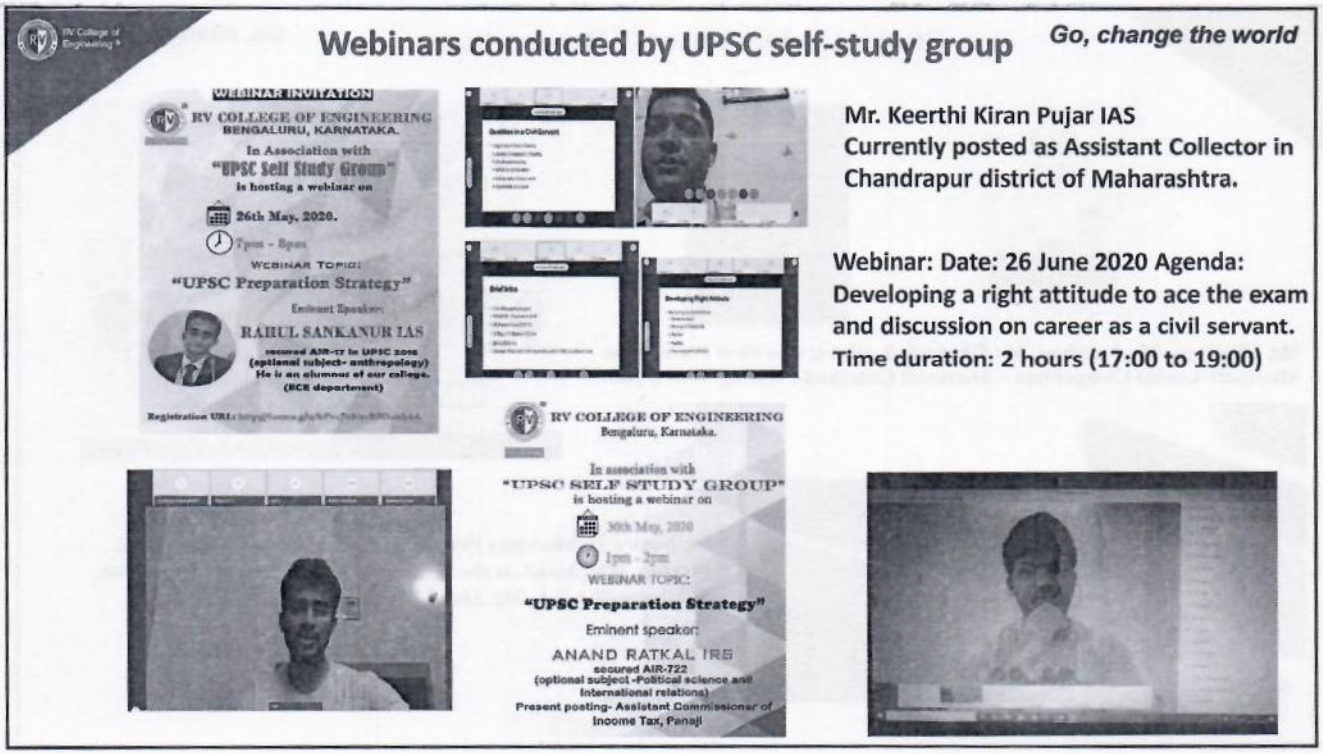
IEEE-RVCE

IEEE RVCE STUDENT BRANCH (STB11651)

Society / Affinity Group	Faculty Advisor	Student Chair	Year of Start	LOGOS
IEEE RVCE	Dr. M Uttara Kumari	S J Ruthvik	2014	
Antenna Propagation Society	Dr. Mahesh A	Shabarish V Babu	2019	
Communications Society	Dr.Shushrutha K S	Kashish Malhotra	2016	
Computer Society	Dr. Ashok Kumar	Risha Dassi	2019	
Power and Energy Society	Dr. S. G. Srivani	Amith Kumar	2017	
Signal Processing Society	Dr. Nagamani K	-	2020	
Women in engineering	Dr. Usha Rani	Aisiri H R	2018	


Go, change the world
Online Placement Training
7 Days
Speakers
19th-25th July
Learn and Interact
Stay Tuned!
RV College of Engineering
Department of Electrical and Electronics Engineering
In association with Schneider Electric and Anubhavi Automation
ORGANIZES WEBINAR ON
"NEW TRENDS IN UPS"
Date: 23rd - 24th July 2020
"INSIGHTS OF AUTOMATION- PLC AND SCADA"
Date: 25th-27th July 2020
FREE REGISTRATION
E-CERTIFICATE WILL BE PROVIDED TO ALL PARTICIPANTS
RV COLLEGE OF ENGINEERING
Webinar
ON
Invisible Design
WEBINAR ON
Digital Transformation Trends in Higher Education: Today and Tomorrow
Friday, July 17, 2020
11:00 am -1:00 pm.
CLICK HERE FOR REGISTRATION
ehitavada.com/index.p
cityline@thehitavada.com
City girl part of team that invented e-Sanitizer; probably world's first
Siddhananda G A
Abdul Rehaman
Paribhasha Bandewar
Aarti Lohar
Sandesh Shetty
The eco-friendly product works on principle of ozone technology which efficiently kills the microbes which are present on hands, vegetable, fruits, said Paribhasha Bandewar
Principal Correspondent
WinCleanzer liquid-free e-Sanitizer


Webinars conducted by UPSC self-study group
Go, change the world
WEBINAR INVITATION
RV COLLEGE OF ENGINEERING
BENGALURU, KARNATAKA.
In Association with
"UPSC Self Study Group"
is hosting a webinar on
26th May, 2020.
7pm - 8pm
WEBINAR TOPIC:
"UPSC Preparation Strategy"
Eminent Speaker:
RAHUL SANKANUR IAS
secured AIR-17 in UPSC 2008
(optional subject- anthropology)
He is an alumnus of our college.
(ECE department)
Registration URL:
Mr. Keerthi Kiran Pujar IAS
Currently posted as Assistant Collector in Chandrapur district of Maharashtra.
Webinar: Date: 26 June 2020 Agenda: Developing a right attitude to ace the exam and discussion on career as a civil servant.
Time duration: 2 hours (17:00 to 19:00)
RV COLLEGE OF ENGINEERING
Bengaluru, Karnataka.
In association with
"UPSC SELF STUDY GROUP"
is hosting a webinar on
30th May, 2020
1pm - 2pm
WEBINAR TOPIC:
"UPSC Preparation Strategy"
Eminent speaker:
ANAND RATKAL IRS
secured AIR-722
(optional subject -Political science and International relations)
Present posting- Assistant Commissioner of Income Tax, Panaji

Student Achievements / Recognitions

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Akshar Prasad, Prajwal YR & Sahana S, won 6th prize Singapore India Hackathon



Rajat Keshri, Nishanth D.A & Vijay Koundinya - won 2nd place in JUIncubator Blockchain hackathon



Rajat keshri & Nishanth D A- won 1st prize in the hackathon competition 'HACKWELL'



Helios Racing Team won 2nd Prize (overall category) - SAE Baja Event, IIT Ropar



ANUSHA.M, II Sem. MCA participated in Corona Poster making Competition conducted by Students for Development forum(SFD) on 3rd April 2020. Won the 1st runner up prize.

Student Achievements / Recognitions

Go, change the world





Mr. Chidroop, Ms. Lakshmi, Mr. Dhanush & others, won First Place in the Microsoft Annual Competition – Microsoft Codefundo, during March 2020.





Suchindra Technologies Pvt. Ltd. – A novel Green & Clean Tech Startup. WizCleanZ, is the World's 1st E-Sanitizer. Students – Mr. Siddharoodha C.A, Mr. Abdul Rehaman – ECE Dept.

Industry Institution Interaction Cell (IIIC)

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MOU's as on 24.7.2020
94

Sl. No.	Year of Initiation	Co-ordinating Departments	Name of the Organization	Details	No. of Years
1	2020	ISE	Digi Oganon IT Solutions Pvt. Ltd. Bengaluru	Project work and consultancy	Executed on 18.6.2020 Val.: till termination
2	2020	TCE	Edux Technologies Pvt. Ltd. Bengaluru	Student. Faculty exchange program, Joint collaboration	Executed on 13.7.20 Val: 3 yrs.
3	2020	BT	Dept.of Horticulture (ZP), Bangalore Urban District	Research	Executed on 13.5.20
4	2020	BT	Govt. College of Homeopathy, Bangalore	Academic & Research Activities	Valid up to 2024
5	2020	CSE	KAALP Consulting LLP , Bengaluru	Training Programs in Data Science & Consultancy	Executed on 13.7.2020 Val: 3 years
6	2020	CSE	Fintech Infosystems Private Limited. (TrakLabs) Bengaluru	Centre of Excellence in Artificial Intelligence and Blockchain	Executed in Jul. 2020.

Industry Certified Research Internship

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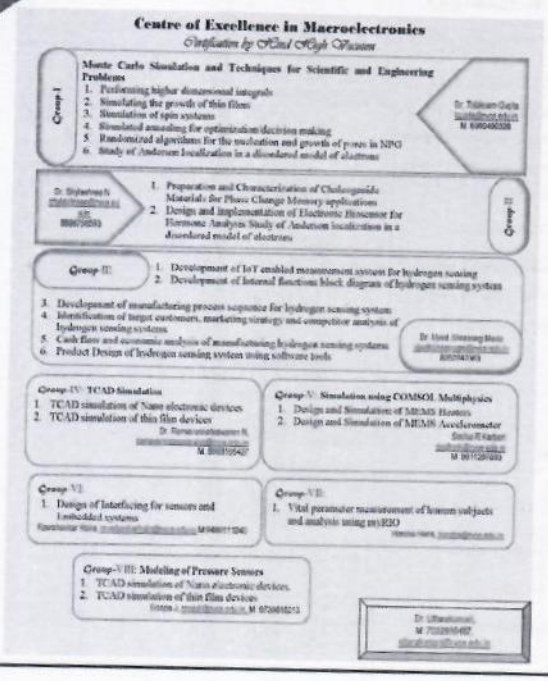

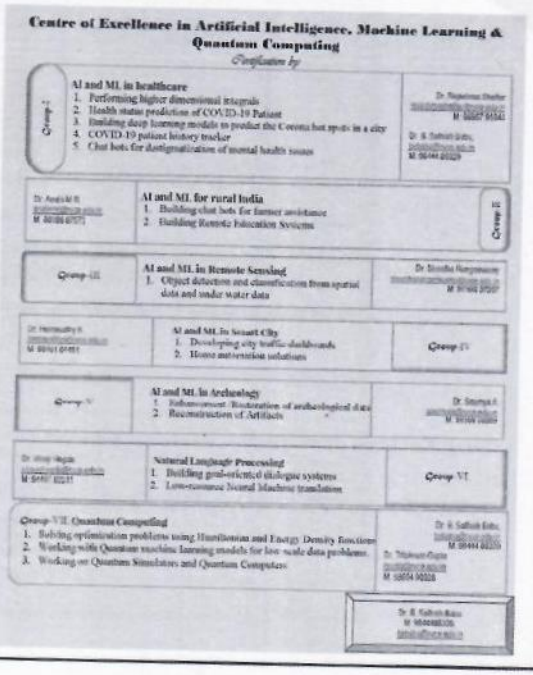

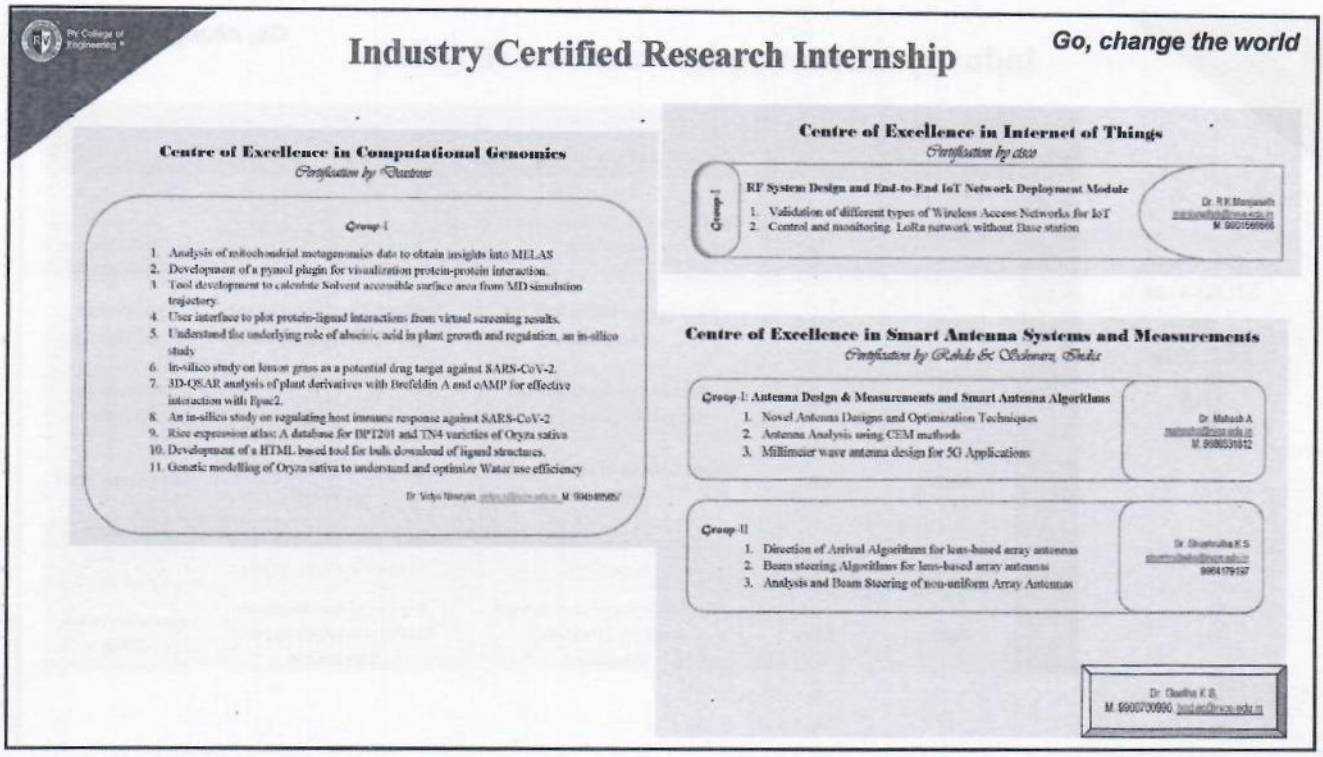

Industry Certified Research Internship

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Centre of Excellence in Computational Genomics

Certification by Dassiness

Group-I

1. Analysis of mitochondrial metagenomics data to obtain insights into MELAS
2. Development of a pymol plugin for visualization protein-protein interaction.
3. Tool development to calculate Solvent accessible surface area from MD simulation trajectory.
4. User interface to plot protein-ligand interactions from virtual screening results.
5. Understand the underlying role of abscisic acid in plant growth and regulation, an in-silico study
6. In-silico study on lemon grass as a potential drug target against SARS-CoV-2.
7. 3D-QSAR analysis of plant derivatives with Brefeldin A and cAMP for effective interaction with Epac2.
8. An in-silico study on regulating host immune response against SARS-CoV-2
9. Rice expression atlas: A database for BPT201 and TN4 varieties of Oryza sativa
10. Development of a HTML based tool for bulk download of ligand structures.
11. Genetic modelling of Oryza sativa to understand and optimize Water use efficiency

Dr. Vidya Niranjan, [illegible] M. 9945485657

Centre of Excellence in Internet of Things

Certification by cisco

Group-I

RF System Design and End-to-End IoT Network Deployment Module

1. Validation of different types of Wireless Access Networks for IoT
2. Control and monitoring LoRa network without Base station

Dr. R K Manjunath, [illegible] M. 9901566566

Centre of Excellence in Smart Antenna Systems and Measurements

Certification by Rohde & Schwarz, India

Group-I: Antenna Design & Measurements and Smart Antenna Algorithms

1. Novel Antenna Designs and Optimization Techniques
2. Antenna Analysis using CEM methods
3. Millimeter wave antenna design for 5G Applications

Dr. Mahesh A, [illegible] M. 9986531812

Group-II

1. Direction of Arrival Algorithms for lens-based array antennas
2. Beam steering Algorithms for lens-based array antennas
3. Analysis and Beam Steering of non-uniform Array Antennas

Dr. Shushrutha K S, [illegible] 9964179197

Dr. Geetha K S, M. 9900700990, [illegible]



Industry Certified Research Internship

Go, change the world

Centre of Excellence in E-Mobility

Certification by Greaves Cotton

Group-I	1. Modelling, simulation and analysis of performance of a super capacitor for e-vehicles	Dr. Sudha Kamath, Dr. Ramya P, Prof. Suresh C, [illegible] M. 9480404306
Group-II	1. Propose a Scheme and Solution on time to recharge a battery by reducing the charging time. 2. A simulation model to study the behavior of a metal air battery(Fuel Cell) at different discharging current and temperature 3. Design and Development of a BMS system involving active balancing topology and an algorithm to implement the same. 4. Design and Development of Electrical vehicle propulsion model using MATLAB Simulink	Raja Vidya, EEE, [illegible] M. 9008306966
Group-III	1. A Smart System to avoid congestion at the Charging Pool	Dr. Mohanaradhya, [illegible] M. 9916136296
Group-IV	1. Design and simulation of isolated power supplies for e-vehicles.	Dr. Dinesh M N, [illegible] M. 9845063663
Group-V	1. Design and Simulation of Motor Equations to predict Power, Torque, Power consumption of vehicle and Range 2. Design of LED/LCD Cluster to display speed, Battery SOC bar, and odometer 3. Design of Hall effect Sensors in Motors to calculate speed of the vehicle in terms of RPM and KMPH	Dr. Rachana S Akki, [illegible] M. 9611100994
Group-VI	1. Aluminium air battery for electric vehicles	Dr. Vishnumurthy K A, [illegible] M. 9741211557
Group-VII	1. Development of a Fuel Cell Vehicle / Electric Vehicle via renewable energy route	Ujwal Sreenag M, [illegible] M. 8550842369
Group-VIII	1. Accurate State-of-Charge Indication for Battery-Powered Electric Vehicles 2. Battery Management System for Electric Vehicles	Dr. Kariappa and Dr. Suresh C, [illegible] M. 9980518265
Group-IX	1. Connected Electric Vehicles - Infrastructure Functions through Communication	Vishalakshi Prabhu, [illegible] M. 9738022486
Group-X	1. A Business Process Model for Reverse Logistics of Used Electric Vehicle Batteries 2. Cost-effective supply chain for electric vehicle battery remanufacturing	Dr. C K Nagendra Gupta, [illegible] M. 9449612962
Group-XI	1. Technological benchmarking study of E-Vehicles with focus on Electric Vehicles in the Indian automotive sector.	Dr. N S Narahari, [illegible] M. 9880311128
Group-XII	1. Standards Practices and Certification guidelines for Electric Vehicles	Dr. M N Vijaya Kumar, [illegible] M. 9731932333
Group-XIII	1. Customer journey mapping process of a typical Indian E-vehicle customer	Bhasker M G, [illegible] M. 8553948300

Go, change the world

RVCE_WIPRO-IISC Innovative Network (WIRIN) Project

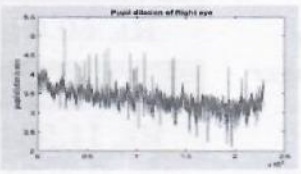
A collaborative research projects involving IISc, RVCE faculty members and Wipro researchers in topics and problems of relevance to autonomous systems and robotics (especially in artificial intelligence, machine learning, computer vision, and human machine interaction).

The project is planned to execute in two phases. In Phase-I, a projects such as Cognitive Load Detection, SDV in a Box, Fast pedestrian activity detections, Autonomous UAV takeoff and landing and few more have been successfully completed. In Phase-II, an automatic and manual annotation work have been taken up and are in progress.

Phase-I

- Number of projects executed: 11
- Number of Faculty Involved: 25
- Number of Students Involved: 47





Phase-II

- Number of projects executed: 10
- Number of Faculty Involved: 26
- Number of Students Involved: 117





Go, change the world

RVCE_WIPRO-IISc Innovative Network (WIRIN) Project

No.	Titles
1	Autonomous Vehicle Design Team(Mechanical Design)
2	Autonomous Vehicle Design Team(Electrical Design)
3	Introducing acoustic into Simulator environment
4	Full fledge testing of Desktop based - Scenario Editor tool (GUI)
5	Building V2X framework inside simulator environment
6	Optimizing the existing Simulator product
7	Acoustic Annotation
8	Automatic Annotation
9	RADAR Annotation
10	Manual Annotation

- Mentors from RVCE, IISc and WIPRO – 26
- Students from Various Programs – 117 (UG and PG)
- Grant – Rs. 35 lakhs

Community Outreach during COVID-19

Go, change the world

The Management of RV Institutions has distributed Demand Drafts (Rs. 5,000/person) to BBMP Powrakarmikas (COVID warriors) in 6 wards











Wards

153 - Jayanagar
179 – Shakambarinagar
160 – Rajarajeshwarinagar
143 – V.V. Puram
194 – Gottigere
168 - Pattabhiramanagar

1200 beneficiaries
Rs. 60.0 lakhs

RVCE Staff
Rs. 11.50 lakhs

Automatic sanitizer dispenser

Go, change the world

Making 50 pieces for other RV institutions @Rs. 1000/ per one sanitiser



Dr. Kendaganna Swamy, Asst. Prof. and Technical Staff of Dept. of E&IE

RV College of Engineering

Events conducted during COVID-19 Pandemic by Rotaract Club & QuizCorp of RVCE

Go, change the world

Donations for needy in Jammu, Bihar & Bengaluru

Total No. of Volunteers: 60
Donations made: approx. 50,000/-
Rotaract Club of RVCE took the initiative to donate grocery kits containing essential commodities like rice, dal, oil, wheat flour, salt, sugar and vegetables to numerous vulnerable families across various locations mentioned above.






RV College of Engineering

Events conducted during COVID-19 Pandemic by Rotaract Club & QuizCorp of RVCE

Go, change the world

Donations towards PM CARES

Rac RVCE, yet again, has done it's part by contributing towards PM CARES Fund (Prime Minister's Citizen Assistance and Relief in Emergency Situations Fund) to help combating, containment and relief efforts against the recent Coronavirus Outbreak in our country.



Sanitation Drive

Location: Bengaluru
No. of Volunteers: 10
An initiative to spread awareness and distribute some essential sanitary products for self- hygiene. The kits which were donated consisted of 1 detergent, 2 soaps, 3 sets of sanitary napkins and 1 set of cloth pads.




RV College of Engineering

Events conducted during COVID-19 Pandemic by Rotaract Club & QuizCorp of RVCE

Go, change the world

Muskaan

No. of volunteers: 70

An online event where Rotaractors from Rotaract Club of RVCE across India gave a small token of appreciation to drivers, maids, sweepers or anyone who made their life a little easier. Items such as clothes, books, sweets, etc were donated to help them during this Pandemic



RAABTA

No. of Volunteers: 70

An online event comprised an act of gratitude to our elderly. From teaching grandparents about video call to explaining them about Arogya Setu app, this event created a positive ripple in the times of global pandemic.



RV College of Engineering

Events conducted during COVID-19 Pandemic by Rotaract Club & QuizCorp of RVCE

Go, change the world

List of Online Activities

- **RV QuizCorp conducted 10 rounds of "Quarantine Quiz" spread over 10 days, from 5th April to 14th April on Facebook and Instagram.**
- **Quarantine Quiz 2 was held again with 10 rounds from 24th April to 3rd of May.**
- **Online participation of about 175 people from all over the world was seen, as many followers, including alumni, are situated in other countries as well.**
- **This was recognized on Deccan Herald and an article was published.**
- **Apart from this, we have been hosting internal quizzes for our members very frequently on Zoom.**
  - **4th May: #GoCorona : The General Quiz**
  - **6th May: Put Funda: The SciBizTech Quiz**
  - **28th May: Beyond the First order : The Covid-19 Quiz**
  - **7th June: Nit-roh-gen quiz : The General Quiz**
  - **20th June: ENTer the Dragon: The Entertainment Quiz**
  - **28th June: Ok Zoomer: Quiz for the Seniors (Super Seniors from previous batches were invited to participate, along with the current members of RVQC)**
  - **26th July: Sodium Quiz : The July Monthly Quiz**
  - **15th August: An India quiz has been planned to be hosted online, for not only members within QC, but also outsiders planning for which is under progress.**


Quiz contests buzzing online

They are conducted either with software or video apps such as Skype and Zoom. But with no crowds and no team bonding, it's a strange new experience

30th Academic Council Meeting

12th September 2020

30th Academic Council Meeting (By Circulation) - 12th Sept. 2020

AGENDA

Sub. No. 238: To read and record the proceedings of the 29tth Academic Council Meeting (Online) held on 27.7.2020 & Action Taken Report.

Examination Matters:

Sub. No. 239: Result analysis of Aug./Sept. 2020 examinations of final year UG & PG programs.

Sub. No. 240: Approval of finalized list of Graduates for the passing out batch of B.E (2016-20), M.Tech (2018-20) and MCA (2017-20) students.

Sub. No. 241: Approval of Rank List of graduates for the passing out batch of B.E (2016-20), M.Tech (2018-20) and MCA (2017-20) students.

Sub. No. 242: Approval of list of Gold Medalists of Passing out batch of 2020.

Sub. No. 243: Approval for the conduction of Online Examinations for the students registered for Grade Improvement and repeaters of even semester of UG & PG programs, along with Fast Track Semester End Examinations of Aug./Sept. 2020.

Academic Matters:

Sub. No. 244: Approval for changes in Kannada language scheme and syllabus as per VTU guidelines, from 3rd semester onwards.

Any other subject/s with the permission of the chair.

12/9/2020

Member Secretary
Academic Council (RVCE)

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

RV College of Engineering®
Bengaluru – 59.

Proceedings of the 30th Academic Council Meeting held on 12th September 2020 [By CIRCULATION]

Sub. No.	Agenda Details
238	To read and record the proceedings of the 29th Academic Council Meeting (Online) held on 27.7.2020 & Action Taken Report.
239	Result analysis of Aug./Sept. 2020 examinations of final year UG & PG programs.
240	Approval of finalized list of Graduates for the passing out batch of B.E (2016-20), M.Tech (2018-20) and MCA (2017-20) students.
241	Approval of Rank List of graduates for the passing out batch of B.E (2016-20), M.Tech (2018-20) and MCA (2017-20) students.
242	Approval of list of Gold Medalists of Passing out batch of 2020.
243	Approval for the conduction of Online Examinations for the students registered for Grade Improvement and repeaters of even semester of UG & PG programs, along with Fast Track Semester End Examinations of Aug./Sept. 2020.
244	Approval for changes in Kannada language scheme and syllabus as per VTU guidelines, from 3rd semester onwards.

Resolution:

The Academic Council Members (internal & external) have given their consent for the agenda details of 30th Academic Council Meeting (by circulation) – sub. Nos. 238 to 244, through e-mail, (Annex. 1).

Chairman
Academic Council

Member Secretary
Academic Council

PRINCIPAL
RV COLLEGE OF ENGINEERING
BENGALURU - 560 059

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

RVCE email

Principal RVCE <principal@rvce.edu.in>

30th Academic Council Meeting (By Circulation) of RVCE - Agenda

Principal RVCE <principal@rvce.edu.in> Mon, Sep 14, 2020 at 5:31 PM
To: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Shireesha G." <shireeshag@rvce.edu.in>, rameshssharma@rvce.edu.in, "Rajeswara S." <rajeswararao@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, Kavi Mahesh <drkavimahesh@gmail.com>, Ravindra R <ravindrar@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, "Dr. R.Suresh" <sureshr@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Padmaja K.V." <padmajakv@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, hod.cv@rvce.edu.in, EEE <hod.ee@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, ME <hod.me@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, Uma Rao K <umaraok@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, Rajashekhar R Malur <rmalur@tce.co.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>, "Srivani S.G." <srivanisg@rvce.edu.in>, "Ravish Aradhya H. V." <ravisharadhya@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, mcmath1018@gmail.com, principal@ndrkit.ac.in, "principal@sit.ac.in" <principal@sit.ac.in>, HOD TE <kumaraswamyhv@rvce.edu.in>

Dear Sir / Madam,

As I was ill health (Covid +ve) and also the sudden demise of my father, I could not attend the college since 17th Aug. 2020. I reported to duty today only. Hence, we could not conduct the online meeting as promised.

As discussed in the 29th Academic Council meeting and in view of the Graduation Day-2020 (in online mode) of the outgoing batch of 2019-20 scheduled on 19th Sept. 2020, *some subjects need approval of the Academic Council*. Hence the same is being circulated to all the members of the Academic Council for their approval / comments. The subjects will be ratified in the next Academic Council Meeting.

We request you to kindly provide your suggestions / comments.

With kind regards,

Chairperson - Academic Council &
Principal, R.V. College of Engineering
Mysuru Road, Bengaluru - 560059.

30th Academic Council Meeting (by Circulation) - 12th Sep 2020_AGENDA Details.pdf
7909K

30th Academic Council Meeting (By Circulation) of RVCE - Agenda

Inbox

Principal RVCE <principal@rvce.edu.in> Mon, Sep 14, 5:31 PM
to Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATION, hod.

Dear Sir / Madam,

As I was ill health (Covid +ve) and also the sudden demise of my father, I could not attend the college since 17th Aug. 2020. I reported to duty today and we could not conduct the online meeting as promised.

As discussed in the 29th Academic Council meeting and in view of the Graduation Day-2020 (in online mode) of the outgoing batch of 2 scheduled on 19th Sept. 2020, *some subjects need approval of the Academic Council*. Hence the same is being circulated to all the me theAcademic Council for their approval / comments. The subjects will be ratified in the next Academic Council Meeting.

We request you to kindly provide your suggestions / comments.

With kind regards,

Chairperson - Academic Council &
Principal, R.V. College of Engineering
Mysuru Road, Bengaluru - 560059.



30th Academic C...

Mathirajan Muthu <msdmathi@iisc.ac.in> Mon, Sep 14, 5:48 PM
to me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma@rvce.edu.in, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMM

Dear Chairperson

Sorry to know the critical time, went through by you. Praying GOD to get back your full energy and dynamism to your routine activities.

I don't have any comments. Furthermore, I am happy to approve the specific subjects sought in the circulation of the material.

REQUEST: Please correct spelling of my name - Correct Name: M. Mathirajan

Looking forward to meet you all soon.

Regards

Dr Mathirajan

From: Principal RVCE <principal@rvce.edu.in>
Sent: Monday, September 14, 2020 5:31 PM
To: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>; Dean Academics <dean.academics@rvce.edu.in>; Prof. G. Sadashivappa <sadashivappag@rvce.edu.in>; Shireesha G. <shireeshag@rvce.edu.in>; rameshssharma@rvce.edu.in <rameshssharma@rvce.edu.in>; Rajeswara S. <rajeswararao@rvc M.H. Kori <mhkori@gmail.com>; Kavi Mahesh <drkavimahesh@gmail.com>; Ravindra R <ravindrar@rvce.edu.in>; RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in> <sureshr@rvce.edu.in>; Renuka Prasad B. <renukaprasadb@rvce.edu.in>; Padmaja K.V. <padmajakv@rvce.edu.in>; Gopala Krishna H.D <gopalakrishnahd@rvce.edu.in> TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>; hod.cv@rvce.edu.in <hod.cv@rvce.edu.in>; EEE <hod.ee@rvce.edu.in>; CSE <hod.cse@rvce.edu.in> <hod.me@rvce.edu.in>; BT <hod.bt@rvce.edu.in>; CH <hod.ch@rvce.edu.in>; CHY <hod.chemistry@rvce.edu.in>; MAT <hod.maths@rvce.edu.in>; PHY <hod.physics@ <hod.ae@rvce.edu.in>; RVCE <hod.ec@rvce.edu.in>; EIE <hod.it@rvce.edu.in>; MCA <director-mca@rvce.edu.in>; IEM <hod.im@rvce.edu.in>; ISE <hodise@rvce.edu.i Subramanya <subramanyakn@rvce.edu.in>; Uma Rao K <umaraok@rvce.edu.in>; Mathirajan Muthu <msdmathi@iisc.ac.in>; Rajashekhar R Malur <rmalur@tce.co.in>; <renukadevimv@rvce.edu.in>; rvce-cse-prof.Naga <nagarajags@rvce.edu.in>; Srivani S.G. <srivanisg@rvce.edu.in>; Ravish Aradhya H. V. <ravisharadhya@rvce.edu.in>; <mamathags@rvce.edu.in>; Narahari <naraharins@rvce.edu.in>; mcmath1018@gmail.com <mcmath1018@gmail.com>; principal@ndrkit.ac.in <principal@ndrkit.ac.in>;principal@sit.ac.in <principal@sit.ac <kumaraswamyhv@rvce.edu.in>
Subject: 30th Academic Council Meeting (By Circulation) of RVCE - Agenda

External Email

Uma Rao K <umaraok@rvce.edu.in> Mon, Sep 14, 6:12 PM
to Dr, me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATIC

Dear sir
I approve the points raised. No comments.
Thank you



Narahari N.S. <naraharins@rvce.edu.in> Mon, Sep 14, 6:40 PM
to me

Respected Sir,
I wish to convey my concurrence with all the points in the agenda & the decisions that the academic council is expected to take as part of this circulation.Looking forward to the future deliberations as part of the academic council.
Dr.N.S.Narahari
Professor ,Department of Industrial Engineering & Management
RV College of engineering
Bangalore-560059
Mobile :-09880311128
Personal E- Mail nsnarahari@gmail.com

Rajashekhar R Malur <rmalur@tce.co.in> Mon, Sep 14, 6:52 PM
to me

Dear Professor Subramanya,

I am sorry to note the recent happenings. I am glad that you are back at your desk.

Please accept my sincere condolences for the sad demise of your father. May his soul rest in peace and all the family members get the necessary strength to bear with the lo

I am sure you have had challenging times managing your personal and professional responsibilities. Please take care.

I hereby give my approval for the academic council meeting minutes.

I suggest that my name be spelt as "Rajashekhar Malur" and "TCS" be replaced by "TCE" in the minutes.

Best Regards
Dr Rajashekhar Malur
Vice President & Head – Power Business
Dir: +91 80 6622 6485 | **Mob:** +91 88007 44663 | www.tce.co.in

Tata Consulting Engineers Limited | *Engineering a Better Tomorrow*
Office: Sheriff Centre, 73/1, St. Marks Road
Bengaluru - 560 001, Karnataka, India

From: Principal RVCE <principal@rvce.edu.in>
Sent: 14 September 2020 17:31
To: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>; Dean Academics <dean.academics@rvce.edu.in>; Prof. G. Sadashivappa <sadashivappag@rvce.edu.in>; Shireesha G. <shireeshag@rvce.edu.in>; rameshssharma@rvce.edu.in; Rajeswara S. <rajeswararao@rvce.edu.in>; Dr. M.H. Kori <mhkori@ Mahesh <drkavimahesh@gmail.com>; Ravindra R <ravindrar@rvce.edu.in>; RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>; Dr. R.Suresh <sureshr@rvce.edu.in> B. <renukaprasadb@rvce.edu.in>; Padmaja K.V. <padmajakv@rvce.edu.in>; Gopala Krishna H.D <gopalakrishnahd@rvce.edu.in>; TELECOMMUNICATION ENGINEERING <hod.tc@rvce.edu.in>; hod.cv@rvce.edu.in; EEE <hod.ee@rvce.edu.in>; CSE <hod.cse@rvce.edu.in>; ME <hod.me@rvce.edu.in>; BT <hod.bt@rvce.edu.in>; CH <hod.ch@ CHY <hod.chemistry@rvce.edu.in>; MAT <hod.maths@rvce.edu.in>; PHY <hod.physics@rvce.edu.in>; AE <hod.ae@rvce.edu.in>; RVCE <hod.ec@rvce.edu.in>; EIE <hod. MCA <director-mca@rvce.edu.in>; IEM <hod.im@rvce.edu.in>; ISE <hodise@rvce.edu.in>; Dr. K.N. Subramanya <subramanyakn@rvce.edu.in>; Uma Rao K <umaraok@rv Mathirajan <msdmathi@mgmt.iisc.ernet.in>; Rajashekhar R Malur <rmalur@tce.co.in>; renukadevimv <renukadevimv@rvce.edu.in>; rvce-cse-prof.Naga <nagarajags@rvce. S.G. <srivanisg@rvce.edu.in>; Ravish Aradhya H. V. <ravisharadhya@rvce.edu.in>; Mamatha G.S. <mamathags@rvce.edu.in>; Narahari <naraharins@rvce.edu.in>; mcmath1018@gmail.com; principal@ndrkit.ac.in; principal@sit.ac.in; HOD TE <kumaraswamyhv@rvce.edu.in>
Subject: 30th Academic Council Meeting (By Circulation) of RVCE - Agenda

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HoD-ISE-RVCE <hodise@rvce.edu.in> Mon, Sep 14, 7:09 PM
to Uma, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATION

Dear sir

I approve the points mentioned. No comments.
Please take care sir.
Thank you

--
With Regards,
Dr. B M Sagar
HoD, ISE, RVCE

CHEMICAL ENGINEERING RVCE <hod.ch@rvce.edu.in> Mon, Sep 14, 7:11 PM
to HoD-ISE-RVCE, Uma, me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TEL

Dear Sir,
I approve all the points.

With regards

--
Dr Vinod Kallur
Associate Professor & Head
Chemical Engineering Department
R V College of Engineering, Bengaluru - 560059

Mobile: 9916437940
Off: 080 6717 8046



Ravish Aradhya H. V. <ravisharadhya@rvce.edu.in> Mon, Sep 14, 7:25 PM
to CHEMICAL, HoD-ISE-RVCE, Uma, me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja,

Dear Sir,
I approve all the points.
I also wish you a speedy recovery to normal strength.

DEPARTMENT OF PHYSICS RVCE <hod.physics@rvce.edu.in> Mon, Sep 14, 8:22 PM
to me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATION, I

Dear Sir,

I approve all the points.

Thanks and regards
Dr Sudha Kamath M K
HoD, Department of Physics
RVCE, Bengaluru -56.
9480404395

DEPARTMENT OF MATHEMATICS RVCE <hod.maths@rvce.edu.in> Mon, Sep 14, 8:31 PM
to me

Dear Sir,

I approve the points mentioned by you.

Regards

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in> Mon, Sep 14, 8:35 PM
to Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATION, RVC

Dear Sir,
All the items can be approved.

--

Thanks & Regards,

Dr. Radhakrishna
Professor & Head
Dept. of Civil Engg.
RVCE, Bengaluru
Ph: 080-67178087

Kavi Mahesh, Director IIIT Dharwad <drkavimahesh@gmail.com> Mon, Sep 14, 9:27 PM
to me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATION, hod.cv

Dear Sir,

The subjects are approved.

I hope that you are feeling well now.

With best regards,

Dr. Kavi Mahesh,
Director, IIIT (Triple-IT) Dharwad

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

http://www.iiitdwd.ac.in
http://www.linkedin.com/in/kavimahesh

DEPARTMENT OF CHEMISTRY RVCE <hod.chemistry@rvce.edu.in> Mon, Sep 14, 9:35 PM
to drkavimahesh, me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNI

Dear sir,
All the points are approved.

Regards.

Dr. M.H.Kori <mhkori@gmail.com> Tue, Sep 15, 1:01 AM
to me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATION, hod.cv

Dear Sir,

Please accept our deep condolences. I am glad you have recovered and back to work. May God give you strength to bear the loss and also regain full health and energy. Bes

All subjects proposed are approved.

Thanks
M H Kori

Dr. M.H.Kori
IETE Distinguished Fellow,
Technology Consultant,
Consultant, Telecom Standards Development Society India (TSDSI)
Retd Technical Director, Alcatel-Lucent Technologies,
Former Chairman IMAPS India,
IETE Governing Council Member & Past Chairman IETE Bangalore Centre,
520, 11th 'A' Cross, R.M.V. Extension, Sadashivanagar,
Bangalore 560080
Mobile: +91-93425-93876
Email: mhkori@gmail.com

HOD Dept. of CS, RVCE <hod.cse@rvce.edu.in> Tue, Sep 15, 9:10 AM
to M.H.Kori, me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATIC

Dear Sir,
All the points mentioned in the agenda are ok.
I give my consent for the same.
Thanks and regards
Dr. Ramakanthkumar. P
Prof. & HoD, CSE Dept.,
R V College of Engineering
Bangalore-560059
Phno(off) : 080-67178053
Mobile: 9886309520

ELECTRONICS & COMMUNICATION ENGINEERING, RVCE <hod.ec@rvce.edu.in> Tue, Sep 15, 9:22 AM
to RVCE, M.H.Kori, me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUI

Dear sir,
All the points are noted correct. I consent for the same.

With regards,

IDUSTRIAL MANAGEMENT ENGINEERING RVCE <hod.im@rvce.edu.in> Tue, Sep 15, 9:24 AM
to me, Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATION, I

Dear Sir

I approve all the subjects listed in the agenda.

I wish the 2020 graduating batch a bright future and a great career ahead.

Thanks and Regards

ELECTRICAL & ELECTRONICS ENGINEERING RVCE <hod.ee@rvce.edu.in> Tue, Sep 15, 9:29 AM
to me, Dean, Dean



RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in> Tue, Sep 15, 9:45 AM
to IDUSTRIAL, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICATION, hod.cv, CSE, ME, B

Dear Sir,
I approve of all the points listed in the agenda.

With Regards,
Dr. Rajashree Shettar,
Professor and Dean (PG and Research) Circuit Programs,
Department of Computer Science and Engg.,
RV College of Engineering,
RV Vidyaniketan Post,
Mysuru Road,
Bengaluru-560059
Phone (O): +91-80-67178178
(M): 9886791844



Srivani S.G. <srivanisg@rvce.edu.in> Tue, Sep 15, 10:12 AM
to RAJASHREE, IDUSTRIAL, me, Dean, Dean, Sadashivappa, Shireesha, RAMESH, Rajeswara, M.H., Kavi, Ravindra, R.Suresh, Renuka, Padmaja, Gopala, TELECOMMUNICA

Dear Sir,
I give my consent for all the points mentioned in the agenda

Rergards

Dr.S G Srivani (NITK),FIE,Senior Member IEEE
Associate professor and Associate PG dean
Electrical and Electronics Department
RVCE,Bangalore 560059
mob 9844327829
Phone -67178389, 8050

BIOTECHNOLOGY RVCE <hod.bt@rvce.edu.in> Tue, Sep 15, 10:14 AM
to Srivani, RAJASHREE, IDUSTRIAL, me, Dean, Dean, Sadashivappa, Shireesha, RAMESH, Rajeswara, M.H., Kavi, Ravindra, R.Suresh, Renuka, Padmaja, Gopala, TELECOMM

Dear Sir,
I approve to all the points.

Warm Regards,
Vidya

--

Dr. Vidya Niranjan
Professor & HOD.
Department of Biotechnology,
R V College of Engineering,
Bengaluru - 560059
Ph: 080 67178048

Padmaja K.V. <padmajakv@rvce.edu.in> Tue, Sep 15, 10:31 AM
to BIOTECHNOLOGY, Srivani, RAJASHREE, IDUSTRIAL, me, Dean, Dean, Sadashivappa, Shireesha, RAMESH, Rajeswara, M.H., Kavi, Ravindra, R.Suresh, Renuka, Gopala, T

Dear Sir

Good Morning
I approve all the subjects listed in the agenda.

Thanks and Regards

--

With regards,
Dr. Padmaja K V,
Professor, EIE Dept.,
RVCE



TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in> Tue, Sep 15, 12:55 PM
to me

Dear sir

I approve the points mentioned.
With Thanks and Regards

Dr. K. Sreelakshmi
Professor and HoD
Dept.of Telecommunication Engg.
RVCE, Bangalore
Ph: 9845530311
Off:080-67178040/41

principal@ndrkit.ac.in Wed, Sep 16, 9:43 AM
to Dean, Dean, Sadashivappa, Shireesha, rameshssharma, Rajeswara, M.H., Kavi, Ravindra, RAJASHREE, R.Suresh, Renuka, Padmaja, Gopala, hod.cv, EEE, CSE, ME, BT, CI

Dear Sir,

Sorry to learn the bad news. Wish you health and normalcy in all respects at the earliest.

The subjects are approved.

With best regards,

Dr. H. S. Prabhakara

Quoting Principal RVCE <principal@rvce.edu.in>:

> Dear Sir / Madam,
>
> As I was ill health (Covid +ve) and also the sudden demise of my father, I
> could not attend the college since 17th Aug. 2020. I reported to duty
> today only. Hence, we could not conduct the online meeting as promised.
>
> *As discussed in the 29th Academic Council meeting and in view of the
> Graduation Day-2020 (in online mode) of the outgoing batch of 2019-20
> scheduled on 19th Sept. 2020*, *some subjects need approval of the Academic
> Council* . *Hence the same is being circulated to all the members of the
> Academic Council for their approval / comments*. The subjects will be
> ratified in the next Academic Council Meeting.
>

> We request you to kindly provide your suggestions / comments.
>
>
> With kind regards,
>
> *Chairperson - Academic Council & *
> *Principal, R.V. College of Engineering*
> *Mysuru Road, Bengaluru - 560059.*

Principal
Navkis College of Engineering, Hassan
KIADB-Thimmanahalli Industrial area, NH-75
KANDALI - 573217 - HASSAN
Karnataka-India

Office: +91 94814 50750
Principal: +91 94499 22651

principal.navkisce@gmail.com



Dr.K.P.SHIVANANDA <principal@sit.ac.in> Mon, Sep 21, 12:39 PM
to me

Dear Sir,
I approve to all the points.

Warm Regards,

Dr. K.P. Shivananda
Principal
Siddaganga Institute of Technology
B H Road
TUMAKURU-572 103
Mob: 9845 27 5252
Phone:0816-2282696, 2214001
FAX: 0816-2282994
Email : principal@sit.ac.in

On Mon, Sep 14, 2020 at 5:31 PM Principal RVCE <principal@rvce.edu.in> wrote:

--
Dr. K.P. Shivananda
Principal
Siddaganga Institute of Technology
B H Road
TUMAKURU-572 103
Mob: 9845 27 5252
Phone:0816-2282696, 2214001
FAX: 0816-2282994
Email : principal@sit.ac.in

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Proceedings of the 31st Academic Council Meeting held on 22nd December 2020 [Online – Cisco Webex]

Members Present:

1) Dr. K.N. Subramanya, Principal – Chairman
2) Dr. Ravindra S. Kulkarni – HOD, ASE
3) Dr. Vidya Niranjan, HOD-Biotech
4) Dr. Vinod Kallur, HOD-CH
5) Dr. Radhakrishna, HOD- Civil Engg.
6) Dr. P. Ramakanth Kumar, HOD – CSE
7) Dr. K.S. Geetha, HOD-ECE
8) Dr. Rudranna Nandihalli, HOD-EEE
9) Dr. CH Renumadhavi, HOD-EIE
10) Dr. B.M. Sagar, HOD-ISE
11) Dr. C.K. Nagendra Gupta, HOD-IEM
12) Dr. Andhe Dharani, Director-MCA
13) Dr. M. Krishna, HOD-Mech.
14) Dr. K. Sreelakshmi, HOD-TE
15) Dr. Sudha Kamath, HOD-Physics
16) Dr. Raviraj Kusanur, HOD-Chemistry
17) Dr. K. Sreedevi, HOD-Mathematics
18) Dr. N.S. Narahari, Chairman-HSS
19) Dr. B.V. Uma (Dean-Student Affairs)
20) Dr. Shireesha – PHY
21) Dr. Rajashree Shettar – CSE
22) Dr. Ramesh S. Sharma - ME
23) Dr. KVS Rajeswara Rao - IEM
24) Dr. G. Sadashivappa – CoE
25) Dr. K. Uma Rao - EEE
26) Dr.H.D. Gopalakrishna - ME
27) Dr. K.V. Padmaja – EIE
28) Dr. Ravindra R – CV
29) Dr. S.G. Srivani – EEE
29) Dr. Anantharama V – Dy. CoE
30) Dr. B. Renuka Prasad – MCA
31) Dr. G.S. Nagaraj – CSE
32) Dr. G.S. Mamatha – ISE
33) Dr. A.V. Narayan – BT
34) Dr. R. Suresh – CH
35) Dr. H.V. Ravisharadhya – ECE
36) Dr. H.V. Kumaraswamy – ETE
40) Dr. Shanmukha Nagaraj– Dean Academics
41) Dr. M.V. Renuka Devi – CV

External Experts:

1) Dr. Rajashekhar Malur– TATA Consulting Engineers
2) Dr. M.H. Kori, Retd. Tech. Dir. Alcatel Lucent
3) Dr. H.S. Prabhakara, Principal, NDRKIT-Hassan
4) Dr. K.P. Shivananda, Principal, SIT-Tumakuru
5) Dr. M. Mathirajan – IISc, Bengaluru
6) Dr. Kavi Mahesh, Director, IIIT-Dharwad

Leave of Absence:

1) Dr. Mallikarjunayya C. Math, Assoc. Prof. VTU-PG Centre, Mysore

---

The Chairman welcomed all the members.

Sub. No. 245: To read & record the proceedings of the 30th Academic Council Meeting (By Circulation) on 12th Sept. 2020 and action taken report.

The Chairman briefed about proceedings of the 30th Academic Council Meeting (by circulation) dtd. 10th Mar. 2020 and action taken thereon.

The proceedings and action taken report of 30th Academic Council meeting read and recorded. The same has been ratified by the Council.

Sub. No. 246: Achievements of RVCE.

The Chairman highlighted about various activities of the institution through a presentation.

The members congratulated faculty, staff and students for the achievements.

Dr. Mathirajan suggested to include department wise publication details in the presentation.

The Chairman briefed that the institution is planning to have a separate Youtube channel in the campus.

Proceedings of the 31st Academic Council Meeting held on 22nd December 2020 [Online – Cisco Webex]

Sub. No. 247: Ratification of offline classes & CIE from 17th Nov. 2020, as per the VTU guidelines for autonomous colleges.

The Chairman informed the council that online classes & CIE for final year students have commenced from 17th Nov. 2020 as per the VTU guidelines. He also briefed that offline classes are planned for higher semester students from Jan. 2021.

The members suggested that, the institution should take preventive measures and follow SOPs as per the Govt. guidelines before allowing students to attend the classes in offline mode.

Resolution: The Council ratified the action taken by the institution in conduction of offline classes and CIE.

Sub. No. 248: AICTE / VTU re-scheduled calendar of events for the academic year 2020 – 21.

The Chairman briefed about the re-scheduled calendar of events for the academic year 2020-21 as announced by the AICTE & VTU. He also briefed that, offline SEE for higher semester students has been planned in phased manner.

Sub. No. 249: Approval of starting of odd semester classes for first year B.E programs from 14th December 2020 online mode until 31st December as per VTU guidelines;

The Chairman briefed that Odd semester classes for 1st year B.E. students commenced has been commenced from 14th Dec.2020 in online mode & it will be continued till 31st Dec, 2020 as per the VTU guidelines. He also briefed that online mode classes will continue for students who opts for it.

Resolution: The Council approved the action taken by the Institution for starting of odd. Semester classes for first year B.E. programs from 14th Dec. 2020 in online mode, until 31st Dec. 2020.

Sub. No. 250: Approval for the start new UG Program on BE-Computer Science & Engineering (Artificial Intelligence and Machine Learning) from Academic year 2021-22 onwards.

The Chairman informed the members that, it is proposed to start a new UG program – B.E. Computer Science & Engineering (Artificial Intelligence & Machine Learning) from the academic year 2021-22 onwards. The Detailed Project Report has been prepared and the application will be submitted to AICTE and VTU shortly.

Resolution: After a detailed discussion, the Council endorsed its approval to start a new UG program – B.E. Computer Science & Engineering (AI & ML) from the academic year 2021-22, subject to approval from the competent authorities.

Sub. No. 251: Discussions on guidelines for the revision of syllabus from the academic year 2021-22, based on the National Education Policy-20 framework.

The Chairman briefed about the guidelines for the revision of syllabus from the academic year 2021-22, based on NEP-2020 framework.

- Revising the scheme and syllabus of first year from 2021 -22 by introducing NEP guidelines on flexibility of curriculum, experiential learning, assessment and evaluation, inter-disciplinary / multi-disciplinary courses
- One Choice based course from first year only.
- To teach the courses in blended mode, wherever possible in order to provide more time to students for taking part in experiential learning.

Proceedings of the 31st Academic Council Meeting held on 22nd December 2020 [Online – Cisco Webex]

- CIE: Test (50) – Quizzes (20) – Experiential Learning (30)
- Concepts and evidences in tests and quizzes, more analytical questions in SEE???
- PCM to have two courses separately for circuit and non- circuit programs, more applied in nature. Three units common and two units separate, cluster wise and experiential learning program specific.
- Skill based labs to be more in the revised curriculum. (atleast 25 to 30 percent). Proposing 2 credits for lab (one credit – physical lab and one credit – innovative skill based experiments)
- Combination of Experiential learning activities based on learning style of students. (Identified 50 ways)
- More autonomy to faculty in quizzes and tests.
- Common courses cluster wise and standardising the content.
- Liberal education courses to be part of HSS.
- Bringing existing innovative team activities, professional practice, cultural and sports activities under one roof and part of OBL.
- Emphasis on using CoEs for skill and Research Based Learning.
- To start training faculty and staff in the newer areas of technology and liberal education.
- Four year skeletal scheme to be thought over instead of piece meal approach. However, syllabus can be thought over in short time.
- To relook into existing professional and interdisciplinary courses and introduce newer areas. This should include AICTE listed courses on Robotics and automation, Data Science, AI and ML, cloud computing, industry 4.0 / 5.0, cyber security, Biology for Engineers etc.
- Programming languages to be part of the lab for 2 credits instead of theory and lab. (offline / online - one credit each)
- CADD to be 3 credit lab course with two credits common and one credit program specific.
- Can we think of 60:40 instead of 50:50 CIE : SEE???

Dr, Mathiarajan opined that experiential learning is a challenge to faculty.

Dr. Kori suggested to look at framing the syllabus systematically. He also mentioned that the changes in the syllabus should be thoroughly discussed in the Board of Studies and then submit it for approval in the Academic Council. He opined that blended education is the new normal. Research can be done through blended education mode.

Dr. Rajshekar Malur suggested to include Economics & Finance course in the liberal education.

Dr. Prabhakara suggested that the institution should take approval from the VTU before making changes in CIE : SEE pattern - 60:40 instead of 50:50.

Dr. Shivananda opined that first programming language to be given weightage for theory.

Sub. No. 252: Approval for conduction of online / offline SEE for fast track / Grade Improvement exams starting from 21st December 2020 onwards.

The Chairman informed the members that online / offline SEE for Fast track / Grade Improvement exams started from 21st Dec. 2020.

Resolution: The council endorsed its approval for conduction of online / offline SEE for fast track / grade improvement exams from 21st Dec. 2020 onwards.

Sub. No. 253: Result analysis of Fast-track and Grade Improvement examination.

The Chairman highlighted about the result analysis of Fast Track and Grade Improvement Examination held during Oct.-Dec. 2020.

Proceedings of the 31st Academic Council Meeting held on 22nd December 2020 [Online – Cisco Webex]

PROGRAM	EVENT	EXAMINATION PERIOD	NO OF STUDENTS REGISTERED	QUESTION PAPERS
UG	FAST TRACK EXAM	12-10-2020 TO 14-12-2020	449	371
		03-11-2020 TO 18-11-2020		
PG	FAST TRACK	11-11-2020 TO 19-11-2020	62	56
			511	2382 SCRIPTS/ 316 COURSES
UG	GRADE IMPROVEMENT	23-11-2020 TO 30-11-2020	268	133
PG	GRADE IMPROVEMENT	23-11-2020 TO 28-11-2020	13	25
			281	
UG &PG	ADDITIONAL EXAM ON-LINE/OFF-LINE	21-12-2020 TO 30-12-2020	364	177
TOTAL NUMBER OF VIOLATIONS OBSERVED: 40 CASES(STUDENTS)				

The chairman also briefed about the conduction of Proctored online exam and its violations.

No.	Key Video Capture and Online Violations	Remarks
1	On boarding Scans	Verification of the person with the identity card.
2	Verification Scans	During exam facial scans
3	System Check	Checks for Webcam, Microphone, USB Ports, Screen Mirroring/Casting, Access to Storage, Unknown Applications
4	Background Audio	Background Noise, sounds of person talking or whispering.
5	Background Motion	Other people walking behind the student
6	Multiple people	Multiple person on the screen
7	Data Copy	Student is trying to copy from palm or any other material while writing
8	Facial Suspicion-looking away	Facial or suspicious eye movement
9	Phone Call	Talking to other on the phone
10	Online Aid	Screenshots are tracked every 5 second, for items on screen other than Question Paper
11	Used Prohibited Device	Using other electronic aids during the exams (only physical calculators are allowed)
12	Left Session	Webcam is covered during exam
13	Left Screen	Walk away from the screen
14	Other	Answer booklet is not completely visible, phone is not in correct position (implemented only for GI tests)
15	Usage of Blacklisted App	Captured as online violation
16	Virtual Machine Detection	Detects if the student is trying to detect
17	Imposter Violation	Person writing the exam does not match with On boarding scams

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Proceedings of the 31st Academic Council Meeting held on 22nd December 2020 [Online – Cisco Webex]

Sub. No. 254: Any other subject/s.

a) Approval for conduction of BoS meetings for Equivalence Courses of 2016 & 2018 batch.

The Chairman sought permission from the Council to conduct Board of Studies Meeting for Equivalence Courses for 2016 and 2018 batch. He also briefed that 50 to 60% of the process of equivalence have been completed.

Resolution: After a detailed discussion, the Council endorsed its approval to conduct Board of Studies Meeting for Equivalence Courses for 2016 and 2018 batch.

The meeting concluded with thanks to the chair.

****

Member Secretary
Academic Council
Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bengaluru-560 059

Chairman
Academic Council
17/3/21
PRINCIPAL
RV COLLEGE OF ENGINEERING
BENGALURU - 560 059

Attendance of 31st Academic Council Meeting held on 22nd Dec. 2020 (online)

All sessions in India Time (Mumbai, GMT+05:30)

Session detail for	Name	Email
Participant	Narahari N.S	im20@rvce.edu.in
1	Ravisharadhya Ravisharadhya	Ravisharadhya@rvce.edu.in
2	Andhe Dharani Director-MCA	director-mca@rvce.edu.in
3	SHANMUKHA NAGARAJ	shanmukhan@rvce.edu.in
4	Dean Student Affairs	umabv@rvce.edu.in
5	Dean Academics	dean.academics@rvce.edu.in
6	Dr.Ramakanthkumar P	ramakanthkp@rvce.edu.in
7	Ravindra S Kulkarni	ravindraskulkarni@rvce.edu.in
8	N S NARAHARI	naraharins@rvce.edu.in
9	SG srivani	srivanisg@rbce.edu.in
10	Seminar Hall	
11	Dr.D.Ranganath	placement@rvce.edu.in
12	Ramalur	rmalur@tce.co.in
13	Principal NDRKIT	principal@ndrkit.ac.in
14	Shireesha G	Shireeshag@rvce.edu.in
15	Uma Rao	umaraok@rvce.edu.in
16	M H Kori	mhkori@gmail.com
17	Shivananda KP	principal@sit.ac.in
18	Mathirajan Muthu	mathiiisc@gmail.com
19	Gopalakrishna	gopalakrishnahd@rvce.edu.in

RV College of Engineering, Bengaluru-59.

Proceedings of the 32nd Academic Council Meeting (ONLINE) held on 28th Aug. 2021

Members Present:

1) Dr. K.N. Subramanya, Principal – Chairman
2) Dr. Ravindra S. Kulkarni – HOD, ASE
3) Dr. Vidya Niranjan, HOD-Biotech
4) Dr. Vinod Kallur, HOD-CH
5) Dr. Radhakrishna, HOD- Civil Engg.
6) Dr. P. Ramakanth Kumar, HOD – CSE
7) Dr. K.S. Geetha, HOD-ECE
8) Dr. Rudranna Nandihalli, HOD-EEE
9) Dr. CH Renumadhavi, HOD-EIE
10) Dr. B.M. Sagar, HOD-ISE
11) Dr. C.K. Nagendra Gupta, HOD-IEM
12) Dr. Andhe Dharani, Director-MCA
13) Dr. M. Krishna, HOD-Mech.
14) Dr. K. Sreelakshmi, HOD-TE
15) Dr. Sudha Kamath, HOD-Physics
16) Dr. Raviraj Kusanur, HOD-Chemistry
17) Dr. K. Sreedevi, HOD-Mathematics
18) Dr. N.S. Narahari, Chairman-HSS
19) Dr. B.V. Uma (Dean-Student Affairs)
20) Dr. Shireesha – PHY
21) Dr. Rajashree Shettar – CSE
22) Dr. Ramesh S. Sharma - ME
23) Dr. KVS Rajeswara Rao - IEM
24) Dr. G. Sadashivappa – CoE
25) Dr. K. Uma Rao - EEE
26) Dr.H.D. Gopalakrishna - ME
27) Dr. K.V. Padmaja – EIE
28) Dr. Ravindra R – CV
29) Dr. S.G. Srivani – EEE
30) Dr. Anantharama V – Dy. CoE
31) Dr. B. Renuka Prasad – MCA
32) Dr. G.S. Nagaraj – CSE
33) Dr. G.S. Mamatha – ISE
34) Dr. A.V. Narayan – BT
35) Dr. R. Suresh – CH
36) Dr. H.V. Ravisharadhya – ECE
37) Dr. H.V. Kumaraswamy – ETE
38) Dr. M.V. Renuka Devi – CV
39) Dr. Shanmukha Nagaraj– Dean Academics

External Experts:

1) Dr. M.H. Kori, Retd. Tech. Dir. Alcatel Lucent
2) Dr. H.S. Prabhakara, Principal, NDRKIT-Hassan
3) Dr. K.P. Shivananda, Principal, SIT-Tumakuru
4) Dr. M. Mathirajan – IISc, Bengaluru
5) Dr. Kavi Mahesh, Director, IIIT-Dharwad

Leave of absence:

1) Dr. Rajashekhar Malur– TATA Consulting Engineers

The Chairman welcomed all the members.

The Chairman briefed that Dr. Mallikarjuna Math, VTU nominee and around 20 faculty & staff of RVCE and their family members had died due to Covid pandemic. A minute of silence was observed to pay respects to the departed souls.

Sub. No. 255: To read and record the proceedings of the 31st Academic Council Meeting (Online) held on 22.12.2020 & Action Taken Report.

The Chairman briefed about the proceedings of 31st Academic Council Meeting held on 22.12.2020 and Action Taken Report thereon. The proceedings and action taken report were read and recorded. **(Annex. 1)**

Sub. No. 256: Information on the activities of RVCE.

The Chairman highlighted on institution activities being carried out through a presentation. The external experts congratulated and appreciated the institution, faculty and staff for the excellent work. The experts have provided the following comments / suggestions.

1) Dr. Kori opined that SAP-ERP doesn't work out at educational institutions. Some of the modules developed will not suit. The institution could look at enhancing IEEE activities in RF & Mems and utilize the established CoEs very well.
2) Dr Mathiarajan suggested that more Associate Editors to be included in the Institution Journal and publish 25-30 scopus indexed paper in every international journals. He also suggested to include scopus index, Google Scholar index details in the presentation and enhance professional societies activities.
3) Dr. Kavi Mahesh opined that Virtual Hackathons to be looked into.

The Chairman informed that Ashwa and Baja Team of RVCE are already participating in such activities.

Sub. No. 257: Approval for change in offering NPTEL Courses.

The Chairman briefed that a few changes in offering NPTEL Courses by departments. The council approved the same for one time implementation only.

Biotechnology

Present/Existing NPTEL Scheme

S. No	Course Code	Course Title
1	18BT5A1	Fundamentals of Food Process Engineering
2	18BT5A2	Data Structures and Algorithm Using Java*
3	18BT5A3	Industrial Biotechnology
4	18BT5A4	Drug Delivery: Principles and Engineering
5	18CS5A5	The Joy of Computing Using Python

Change in courses proposed in NPTEL Course

S. No	Course Code	Course Title
1	18BT5A1	RETAINED
2	18BT5A2	DELETED
3	18BT5A3	RETAINED
4	18BT5A4	RETAINED
5	18CS5A5	RETAINED

* 12 Week Course
# This course has not been offered by NPTEL this time.
Hence only 4 courses offered.

Computer Science & Engineering

Present/Existing NPTEL Scheme

S. No	Course Code	Course Title
1	18CS5A1	Object Oriented System Development using UML, Java and Patterns (Common to CS & IS)*
2	18IS5A2	Social Networks (Common to CS & IS)
3	18CS5A3	Applied Natural Language Processing*
4	18CS5A4	Introduction to robotics

Change in courses proposed in NPTEL Course

S. No	Course Code	Course Title
1	18CS5A1	Functional and Conceptual Design
2	18IS5A2	RETAINED
3	18CS5A3	Natural Language Processing
4	18CS5A4	RETAINED

* 12 Week Course

Information Science & Engineering

Present/Existing NPTEL Scheme

S. No	Course Code	Course Title
1	18CS5A1	Object Oriented system development using UML,Java and Patterns*
2	18CS5A2	Social Networks
3	18CS5A3	AI: Search methods for problem solving
4	18CS5A4	Computer Architecture and Organization
5	18CS5A5	The Joy of computing using python

* 12 Week Course

Change in courses proposed in NPTEL Course

S. No	Course Code	Course Title
1	18CS5A1	Software Testing
2	18CS5A2	RETAINED
3	18CS5A3	RETAINED
4	18CS5A4	RETAINED
5	18CS5A5	RETAINED

Resolution: The Council approved the changes in NPTEL Courses for one time implementation only.

Sub. No. 258: Discussion and approval of Implementation of NEP guidelines and First Year BE Scheme and Syllabus as Per NEP – 2020.

The Chairman briefed the Council about various pre-planning activities that were being carried out by the institution, before the implementation of Scheme and Syllabus for First Year B.E programs as per NEP-2020 guidelines. He also presented the scheme of B.E. program through a presentation.

S. No.	Particulars	Date
1	Government of Karnataka Notification for implementation of NEP-2020	07-08-2021
2	VTU Vice Chancellor's Meeting with Principal's of Colleges	13-08-2021
3	Board of Studies Meeting by Departments for Restructuring First Year UG Scheme and Syllabus	16-26-8-2021
4	Joint Board of Studies Meeting - for Restructuring First Year UG Scheme and Syllabus	23-8-2021
5	Faculty Meeting conducted by Principal reg. implementation of NEP-2020	03-12-2020
6	Address by Principal – Experiential Learning	03-06-2021
7	Address by Principal – All Faculty Meeting reg. Revision of 1st year UG syllabus (2021) based on NEP-2020 guidelines	25-8-2021

NEP-2020 presentation by Heads of Departments

S. No.	Department	Presenter	Date	Participants
1	ME	Dr. M.Krishna	11 May 2021	32
2	BT	Dr. Vidya Niranjan	13 May 2021	13
3	CS	Dr. Ramakanth Kumar	14 May 2021	40
4	EI	Dr. Renu Madhavi	15 May 2021	16
5	CV	Dr. Radhakrishna	17 May 2021	34
6	EC	Dr. K.S.Geetha	18 May 2021	41
7	IM	Dr. C.K. Nagendra Gupta	19 May 2021	15
8	CH	Dr. Vinod C. Kallur	24 May 2021	12
9	IS	Dr. B.M.Sagara	25 May 2021	27
10	EE	Dr. Rudranna Nandihalli	26 May 2021	18
11	MCA	Dr. Ande Dharani	27 May 2021	25
12	TC	Dr. Sreelakshmi K	28 May 2021	22

Structure of Undergraduate Engineering program

S. No.	Category	AICTE Breakup of Credits (Total 160)	VTU Proposed Breakup of Credits (Total 160)	RVCE Proposed Breakup of Credits – 1 Year (Total 40)
1	Humanities and Social Sciences including Management courses	12*	10	02
2	Basic Science courses	25*	23	16
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc	24*	20	20
4	Professional Core Courses	48*	43	--
5	Professional Elective courses relevant to chosen specialization/branch/ Ability Enhancement Courses	18*	14	--
6	Open subjects – Electives from other technical, emerging, arts commerce and NCC/NSS subjects/ Ability Enhancement Courses	18*	14	02
7	Mini and Major Project work /seminar/ Summer Internship and Research /Industrial Internship	15*	32	--
8	Mandatory Non- Credit Courses [Environmental Sciences, Induction training, Indian Constitution, Universal Human Values, Kannada]	No credits	04	--
Total		**160***	**160**	**40**

**Minor variation is allowed as per need of the respective discipline.*

FIRST SEMESTER CREDIT SCHEME FOR PHYSICS CYCLE
(Effective from the Academic year 2021-22)

Sl. No.	Course Code	Course Title	BoS	Credit Allocation			
				Lecture	Tutorial	Practical	Total Credits
1	21MA11	Multivariable Calculus	MA	3	1	--	4
2	21PH12	Engineering Physics	PY	3	--	1	4
3	21EE13	Elements of Electrical Engineering	EE	2	1	--	3
4	21CV14	Engineering Mechanics	CV	2	1	--	3
5	21ME15	IDEA Lab.	ME	--	--	1	1
6	21ME16	Computer Aided Engineering Graphics	ME	--	--	3	3
7	21HSE17	Technical English-I	HSS	--	--	1	1
8	21HSI18	Indian Knowledge System*	HSS	1	--	--	1
Total number of Credits				**11**	**3**	**6**	**20**

Ability Enhancement Course

FIRST SEMESTER CREDIT SCHEME FOR CHEMISTRY CYCLE
(Effective from the Academic year 2021-22)

Sl. No.	Course Code	Course Title	BoS	Credit Allocation			
				Lecture	Tutorial	Practical	Total Credits
1	21MA11	Multivariable Calculus	MA	3	1	--	4

2	21CH12	Engineering Chemistry	CY	3	--	1	4
3	21CS13	Programming in C	CS	3	--	1	4
4	21ME14	Elements of Mechanical Engineering	ME	2	1	--	3
5	21EC15	Elements of Electronics Engineering	EC	2	1	--	3
6	21HSY16	Yoga Practice*	HSS	--	--	1	1
7	21HSE17	Technical English-I	HSS	--	--	1	1
Total number of Credits				**13**	**3**	**4**	**20**

Ability Enhancement Course

SECOND SEMESTER CREDIT SCHEME FOR PHYSICS CYCLE
(Effective from the Academic year 2021-22)

Sl. No.	Course Code	Course Title	BoS	Credit Allocation			
				Lecture	Tutorial	Practical	Total Credits
1	21MA21A	Differential Equations & Numerical Methods	MA	3	1	--	4
2	21PH22	Engineering Physics	PY	3	--	1	4
3	21EE23	Elements of Electrical Engineering	EE	2	1	--	3
4	21CV24	Engineering Mechanics	CV	2	1	--	3
5	21ME25	IDEA Lab.	ME	--	--	1	1
6	21ME26	Computer Aided Engineering Graphics	ME	--	--	3	3
7	21HSE27	Technical English-II	HSS	--	--	1	1
8	21HSI28	Indian Knowledge System*	HSS	1	--	--	1
Total number of Credits				**11**	**3**	**6**	**20**

Ability Enhancement Course

SECOND SEMESTER CREDIT SCHEME FOR CHEMISTRY CYCLE
(Effective from the Academic year 2021-22)

Sl. No.	Course Code	Course Title	BoS	Credit Allocation			
				Lecture	Tutorial	Practical	Total Credits
1	21MA21	Differential Equations and Numerical Methods	MA	3	1	--	4
2	21CH22	Engineering Chemistry	CY	3	--	1	4
3	21CS23	Programming in C	CS	3	--	1	4
4	21ME24	Elements of Mechanical Engineering	ME	2	1	--	3
5	21EC25	Elements of Electronics Engineering	EC	2	1	--	3
6	21HSY26	Yoga Practice	HSS	--	--	1	1
7	21HSE27	Technical English-II *	HSS	--	--	1	1
Total number of Credits				**13**	**3**	**4**	**20**

Ability Enhancement Course

Dr. Kavi Mahesh suggested that Curriculum Design should be looked into while keeping syllabus of particular branch of study, when implementing multiple exit scheme.

Dr. Kori concurred the views expressed by Dr. Kavi Mahesh. He also suggested that integration of faculty to the department maturity is the need of the hour. He also suggested that in yoga – keep some part for scientific base. The Chairman briefed that institution would teach theoretical part. Dr. Kori opined that Engineering Physics and Engineering Chemistry calculations to be relooked into. There should not be mismatch with the Physics and Maths.

Dr. Mathiarajan opined that, keep GATE examination in mind, think about mathematics related syllabi. Faculty should keep in mind GATE while framing the syllabus.

Sub. No. 259: Permission for the amendment to the resolution passed in 28th AC meeting dt. 13th Jun. 2020 for the sub. No. 221.

The Chairman briefed the Council that, in the 28th Academic Council Meeting held on 13th Jun. 2020, the Council approved the implementation of new amendment of VTU guidelines for UG / PG programs for students' of 2018 batch onwards.

3.4 Termination from the Program

A student shall be required to withdraw from the program and leave the Autonomous College on the following grounds.

1. Failure (Getting F Grade) and not passing to earn credits for the same course, in spite of five attempts. This clause is removed.
2. Absence from classes for more than six weeks at a time in a semester without leave of absence being granted by the competent Authority.
3. Failure to meet the standards of discipline as prescribed by the college from time to time.

This proposed amendment is sought based on the discussions with the University authorities.

Resolution: The Council endorsed its approval to amend the resolution of 28th AC meeting for the Sub. No. 221 by removing the term "for students' of 2018 batch onwards".

Sub. No. 260: Discussion on changes in the existing Examination norms and procedures & forming a committee.

The Chairman briefed that, a committee has been formed to look into the required changes in the Examination norms and procedures, keeping in the view of NEP-2020.

Committee:

S. No.	Members Category	Name of the Members
1	Principal	Dr. K.N. Subramanya
2	Controller of Examinations	Dr. G. Sadashivappa - Chairman
3	Dean - Academics	Dr. Shanmukha N – Member
4	Dean – Student Affairs	Dr. B.V. Uma – Member
5	Professor - 1	Dr. N.S. Narahari – Member
6	Professor -2	Dr. M.A. Lourdu Antony Raj - Member
7	Professor - 3	Dr. M.K. Sudha Kamath – Member
8	Dy. Controller of Examinations	Dr. V. Anantharama - Member

He further briefed that, the amended proposals will be shared to the Council Members for their suggestions and approval. The new norms and procedures will be implemented from the academic year 2021-22 onwards.

Resolution: The Council endorsed its approval to form the Committee.

Sub. No. 261: Result Analysis of Odd Semester Examinations of Jan./Feb. 2021.

The Controller of Examinations briefed about Result Analysis of Odd Semester Examinations of Jan./Feb. 2021, through a presentation.

Number of students appeared and passed in all courses during the exam 'Jan-21/Feb-21'										
S. No.	Branch Name	Semester:3			Semester:5			Semester:7		
		No. Students appeared	No. of Students Passed	% passed	No. Students Appeared	No. of Students Passed	% passed	No. Students Appeared	No. of Students Passed	% passed
1	AS	72	50	69.44	73	55	75.34	71	49	69.01
2	BT	57	32	56.14	48	38	79.17	58	58	100.00
3	CH	40	18	45.00	46	27	58.70	34	29	85.29
4	CS	221	148	66.97	225	150	66.67	229	205	89.52
5	CV	149	69	46.31	125	60	48.00	144	128	88.89
6	EC	216	123	56.94	218	143	65.60	243	221	90.95
7	EE	74	30	40.54	69	37	53.62	78	58	74.36
8	EI	69	24	34.78	74	38	51.35	57	53	92.98
9	ET	69	24	34.78	74	43	58.11	72	64	88.89
10	IM	76	40	52.63	72	50	69.44	65	60	92.31
11	IS	72	53	73.61	68	61	89.71	80	78	97.50
12	ME	152	86	56.58	142	103	72.54	153	139	90.85

No. of students appeared and passed in all courses during the exam

Sl. No.	Branch Name	Scheme	UG Odd - First Year		Pass %
			No. of Students Appeared	No. of Students Passed	
1	Aerospace Engineering	2018	63	46	73.02
2	Biotechnology		63	37	58.73
3	Chemical Engineering		40	23	57.50
4	Computer Science & Engineering		191	158	82.72
5	Civil Engineering		129	63	48.84
6	Electronics & Communication Engineering		191	160	83.77
7	Electronics & Instrumentation Engineering		63	40	63.49
8	Industrial Engineering & Management		63	31	49.21
9	Information Science & Engineering		64	56	87.50
10	Mechanical Engineering		129	91	70.54
11	Electronics & Telecommunication Engg.		63	48	76.19
12	Electrical & Electronics Engineering		65	46	70.77

Resolution: The Council endorsed its approval.

Sub. No. 262: Approval of Rank List of Graduand's for the passing out batch of B.E (2017-21), M.Tech (2019-21) and MCA (2018-21) students.

The Controller of Examination presented the Rank List of Graduand's for the passing out batch of B.E (2017-21), M.Tech (2019-21) and MCA (2018-2021) students. **(Annex. 2)**

Resolution: After a detailed discussions, the Council approved the Rank List of Graduand's for the passing out batch of B.E (2017-21), M.Tech (2019-21) and MCA (2018-2021) students.

Sub. No. 263: Approval of list of Gold Medallists & Graduand's for the Passing out batch of 2021.

The Controller of Examination presented the list of Gold Medallists and Graduand's for the passing out batch of 2021. **(Annex. 3).**

The Chairman also informed the Council that the Gradudand's list will be updated before the announcement in the Graduation Day.

Resolution: The Council approved the list of Gold Medallists and also endorsed its approval to append the Graduand's list before the Graduation Day.

Sub. No. 264: Approval for the conduction of Graduation Day Ceremony (online mode) during Sept. 2021.

The Chairman briefed that, many UG and PG students of our institution studying in final semester, received offer letters from various companies/Industries for employment. Further, several students received admission for higher studies abroad and premier institutions in India are in process, and they need to submit their complete credentials by August 2021. As we do not have theory examination in both UG & PG in the final year, we conducted the SEE in online mode as per the calendar of events. It is also proposed to conduct the 11th Graduation Day Ceremony of RVCE during last week of Sept. 2021 (either 22nd or 23rd Sept. 2021) in online mode.

Resolution: The Council endorsed its approval to hold the Graduation Day during last week of Sept. 2021 in online mode.

Sub. No. 265: Any other subject/s with the permission of the chair.

a) Finalization of 2nd year scheme & syllabus-2020 of MCA program.

The Director of MCA briefed about 2nd year scheme & Syllabus of MCA program.

Resolution: After a detailed discussion, the Council approved 2nd year scheme & syllabus of MCA program.

b) New NCC Guidelines as per UGC norms.

The Dean (Academics) briefed about the provision for absence from semester exams and loss of academic grading for NCC cadets participating in various NCC camps.

- Circular No. 16-11/2020 NS-1 Govt. of India, Ministry of Human Resource Development Department of Higher Education: Recommendations
- Cadets attending the national level camps should be treated as a fresh candidate in the examination held consequent to the main examination.
- Necessary provisions should be made to conduct examinations for the cadets participating in NCC camps organised at the national level as fresh candidate.
- Their grading and assessment should be endorsed as a fresh candidate and not as a candidate who has appeared for a retest.

Resolution: The Council endorsed its approval to implement the new NCC Guidelines w.e.f. 2020-21.

Dr. Mathiarajan suggested that the institution could look at bringing out two-three pages Concept Note on Covid situation. He congratulated the Management of RVCE for their commitment to provide full salary to all their employees during Covid pandemic situation.

The meeting concluded with thanks to the chair.

Member Secretary

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

Annexure – 1

31st Academic Council Meeting (Online) – 22nd December 2020

ACTION TAKEN REPORT

Sub. No.	Agenda Details	Action Taken
245	To read & record the proceedings of the 30th Academic Council Meeting (By Circulation) on 12th Sept. 2020 and action taken report.	➢ Read & Recorded.
246	Achievements of RVCE.	➢ The members congratulated faculty, staff and students for the achievements.
247	Ratification of offline classes & CIE from 17th Nov. 2020, as per the VTU guidelines for autonomous colleges.	➢ Ratified.
248	AICTE / VTU re-scheduled calendar of events for the academic year 2020 – 21.	➢ Information provided.
249	Approval of starting of odd semester classes for first year B.E programs from 14th December 2020 online mode until 31st December as per VTU guidelines;	➢ Odd semester classes were conducted in online mode as per VTU guidelines.
250	Approval for the start new UG Program on BE-Computer Science & Engineering (Artificial Intelligence and Machine Learning) from Academic year 2021-22 onwards.	➢ AICTE, VTU & State Govt. approvals are granted. Starting the program from the academic year 2021-22 with an intake of 60 students.
251	Discussions on guidelines for the revision of syllabus from the academic year 2021-22, based on the National Education Policy-20 framework.	➢ Guideline preparation is in process & will be implementing in due course.
252	Approval for conduction of online / offline SEE for fast track / Grade Improvement exams starting from 21st December 2020 onwards.	➢ Implemented.
253	Result analysis of Fast-track and Grade Improvement examination.	➢ Information provided.
254	Any other subject/s. a) Approval for conduction of BoS meetings for Equivalence Courses of 2016 & 2018 batch.	➢ Implemented.

Annexure – 2

List of Gold Medalists - First Rank Holders of B.E programs (2021 Batch)

SL No	Branch	USN	Name	Award instituted in the name of	Sponsored by
1	Aerospace Engineering	1RV17AS048	Sanjay A	---	Rashtreeya Sikshana Samithi Trust
2	Biotechnology	1RV17BT034	Preshita Sanjay Dave	Dr. M.K. Panduranga Setty	Advaith Motors (P) Ltd.
3	Chemical Engineering	1RV17CH022	Neetha R Hegde	Kuchalambal Charities	Kuchalambal Charities
4	Civil Engineering	1RV17CV123	Yashas V	Sri. D.A. Pandu	D.P. Nagaraj
5	Computer Science and Engineering	1RV17CS092	Nayana Bannur	Sri. K. Ganga Setty	K.G. Subbarama Setty
6	Electronics & Communication Engineering	1RV17EC118	Rakshak Udupa T S	Sri CothaVenkatachalapathy Chetty	C. Krishniah Chetty Foundation
7	Electrical and Electronics Engineering	1RV17EE048	Sanchit Agarwal	Smt. K.G. Bhagyalakshmamma	K.S. Akhilesh Babu
8	Industrial Engineering & Management	1RV17IM006	Annapurni Subramanian	Sri. A. Chamaraju	Advaith Motors (P) Ltd.
9	Information Science and Engineering	1RV17IS048	Sonal S R	M/s. C. Krishniah Chetty & Sons	C. Krishniah Chetty Foundation
10	Electronics & Instrumentation Engineering	1RV17EI062	Veena M B	Dharmaprakasha Sri S.V. Srinivasa Setty	Advaith Motors (P) Ltd.
11	Mechanical Engineering	1RV17ME046	Kartik Sharma	Sri. A. Venkataramana Setty	Alamapalli Venkataramana Setty Savithramma Charitable Trust
12	Telecommunication Engineering	1RV17TE027	Nikhil K J	Sri Yadalam N. Gangadhara Setty	Y.N. Gangadhara Setty

Overall Best Academic Performance	1RV17CS092	Nayana Bannur	Faculty Award	Faculty of RVCE

Best Performance in Industrial Engineering Stream	1RV17IM006	Annapurni Subramanian	Sri M Prahlada Rao Award	Sri M P Sunder

Proceedings of the 32nd Academic Council Meeting (ONLINE) held on 28th Aug. 2021

List of Gold Medalist - First Rank holders M.Tech (2019-21 batch) & MCA (2018-2021 batch)

Sl No	Branch	USN	Name of the Student	Award instituted in the name of	Sponsor
1	Biotechnology	1RV19BBT09	Veena S	--	RSST
2	Structural Engineering	1RV19CSE18	Yathish N V	Smt. P Vasantha	Dr. M P Shyam
3	Highway Technology	1RV19CHT04	Arunkumar D S	Late Lakshmikanthamma SVS	Dr. M P Shyam
4	Computer Science & Engineering	1RV19SCS17	Vasuprada U	Sri. Pathi Adinaranaiah & Smt. Pathi Ramalakshmamma	Sri. Pathi A. Sridhara
5	Computer Network Engineering	1RV19SCN07	Gurunathreddy Malipatil	--	RSST
6	Communication Systems	1RV19LCS12	Samanvita S	Late Sri M.K. Rama Rao	Smt. M. Sowbhagya Lakshmi
7	VLSI Design & Embedded Systems	1RV19LVS16	Kiran Guruprasad Shetty P S	--	RSST
8	Power Electronics	1RV19EPE10	Priyanka V V	--	RSST
9	Information Technology	1RV19SIT08	R Prajna	Sri. Komarla Gangasetty & Smt. Bhagyalakshamamma	Mr. K .A. Sujit Chandan
10	Software Engineering	1RV19SSE04	Anusha D	Nanda Group	Mr. P.S. Nanda Kumar
11	Bio Medical Signal Processing & Instrumentation	1RV19LBI02	Animita Das	--	RSST
12	Computer Integrated Mfg.	1RV19MCM09	Sanath N	--	RSST
13	Machine Design	1RV19MMD18	Vikramaditya	--	RSST
14	Product Design & Mfg. g	1RV19MPD14	Indira Roy	--	RSST
15	Radio Frequency & Microwave Engineering	1RV19LRF05	Nishanth Paramesh	--	RSST
16	Digital Communication Engineering	1RV19LDC08	Deepthi Datta	--	RSST
17	Master of Computer Applications	1RV18MCA07	Arpita Manoj Chikkodi	2018 Batch MCA Students	2018 Batch MCA Students

Overall Best Academic Performance	1RV19CSE18	YATHISH N V

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List of Second Rank holders PG- M.Tech (2019-21 batch) and MCA (2018-21 batch)
Silver Medal Sponsored by Alumni Association of RVCE
M.Tech

Sl. No	Branch	USN	Name of the candidate
1	Biotechnology	1RV19BBT01	Anushaa A
2	Biotechnology	1RV19BBT02	Alice Preethi K
3	Structural Engineering	1RV19CSE12	Prabhu Kumbar
4	Highway Technology	1RV19CHT15	Shakeeb Ahmed Sawar
5	Computer Science & Engineering	1RV19SCS05	Bhavya M R
6	Computer Network Engineering	1RV19SCN12	Santhosh M S
7	Communication Systems	1RV19LCS15	Swathi R
8	VLSI Design & Embedded Systems	1RV19LVS34	Vinayakgouda Yallappagoudar
9	Power Electronics	1RV19EPE14	Shreeyas Pravin S
10	Information Technology	1RV19SIT15	Supreetha A Shetty
11	Software Engineering	1RV19SSE12	Nadine V Alexandrine
12	Bio Medical Signal Processing & Instrumentation	1RV19LBI04	Hemanth Kumar R
13	Digital Communication Engineering	1RV19LDC03	B Hema Priya
14	Computer Integrated Manufacturing	1RV19MCM10	Shreyas R Modak
15	Machine Design	1RV19MMD10	Mahendra Ps
16	Product Design & Manufacturing	1RV19MPD02	Abdul Rahman Faisal
17	Radio Frequency & Microwave Engineering	1RV19LRF04	Namrata Marigoudar

MCA

18	Master of Computer Applications	1RV19MCA58	SNEHA K

Provisional Rank list for the year 2021 (UG)

AEROSPACE ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17AS048	SANJAY A	9.60
2	1RV17AS013	CHATHURA G R	9.41
3	1RV17AS012	BAVIKAR KUNAL	9.27
4	1RV17AS016	GARGI SUNIL PANTOJI	9.19
5	1RV17AS028	MITHIL K	9.13
6	1RV17AS041	SACHEET S AMBLEKAR	9.13

BIOTECHNOLOGY			
Rank No.	USN	Name	CGPA
1	1RV17BT034	PRESHITA SANJAY DAVE	9.42
2	1RV17BT005	AISHWARYA B M	9.36
3	1RV17BT037	RAKSHA M	9.34
4	1RV17BT044	SHIVAPRADA S HEGDE	9.31
5	1RV17BT012	APOORVA SAXENA	9.31
6	1RV17BT020	KALA N G	9.25

CHEMICAL ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17CH022	NEETHA R HEGDE	9.25
2	1RV17CH029	SAHANA ANANTH GANGOLLI	9.21
3	1RV17CH019	MAHIMA GUPTA	9.14
4	1RV17CH017	LIBIN LAL	8.95
5	1RV17CH012	GOKUL PRAKASH	8.83

COMPUTER SCIENCE AND ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17CS092	NAYANA BANNUR	9.97
2	1RV17CS042	DEEKSHA SHRAVANI	9.92
3	1RV17CS072	KARTHIK S RAO	9.91
4	1RV17CS108	PRAJWAL Y R	9.90
5	1RV17CS012	AISHWARYA G	9.82
6	1RV17CS132	SAHANA SRINIVASAN	9.82
7	1RV17CS001	A SURYANARAYANAN	9.75
8	1RV17CS014	AKSHAR PRASAD	9.75
9	1RV17CS130	S SURAJ	9.64
10	1RV17CS138	SANJANA G B	9.64

CIVIL ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17CV123	YASHAS V	9.43
2	1RV17CV092	S NIVED KUMAR	9.25
3	1RV17CV047	J NYPUNYA	9.21
4	1RV17CV029	CHATURI B RAJAPUR	9.16
5	1RV17CV015	ANUPRIYA SAKYA	9.14
6	1RV17CV017	ARPIT ASIM VERMA	9.10
7	1RV17CV009	AMAN BAGRECHA	9.01
8	1RV17CV073	NISHCHEL C N	9.00
9	1RV17CV052	L KEERTANA	9.00
10	1RV17CV098	SAGAR H R	8.91

ELECTRONICS AND COMMUNICATION ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17EC118	RAKSHAK UDUPA T S	9.90
2	1RV17EC028	BHARGAV N	9.79
3	1RV17EC043	DIVYANANTHAN C	9.75
4	1RV17EC091	NIKHIL CHANDRA B S	9.53
5	1RV17EC139	SHASHANK K HOLLA	9.52
6	1RV17EC044	ELIZABETH KURUVILLA	9.49
7	1RV17EC022	ARPITA S K	9.48
8	1RV17EC105	PRAKASH S BHAT	9.44
9	1RV17EC067	MAANAS M D	9.43
10	1RV17EC146	SHREYANS GOMES	9.37

ELECTRICAL AND ELECTRONICS ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17EE048	SANCHIT AGARWAL	9.63
2	1RV17EE059	VAIBHAV N HEBBAL	9.39
3	1RV17EE030	MANDIRA MUDDAPUR	9.18
4	1RV17EE003	ANJANA S	9.05
5	1RV17EE062	YERRAGUDI VENKATA SAI LOKESWARA REDDY	8.96
6	1RV17EE020	KARANAM DHANVI	8.94

ELECTRONICS AND INSTRUMENTATION			
Rank No.	USN	Name	CGPA
1	1RV17EI062	VEENA M B	9.49
2	1RV17EI049	SHAUN QIEN YEAU TAN	9.38
3	1RV17EI064	AAYUSHII GOSWAMI	9.20
4	1RV17EI050	SHERIN STEAPHEN	9.16
5	1RV17EI006	ANANYA ANANTH RAO	9.04

6	1RV17EI037	PRAJWAL M	9.02

INDUSTRIAL ENGINEERING AND MANAGEMENT			
Rank No.	USN	Name	CGPA
1	1RV17IM006	ANNAPURNI SUBRAMANIAN	9.33
2	1RV17IM049	SANJANA HEMARAJU	9.33
3	1RV17IM005	ANMOL GUPTA	9.00
4	1RV17IM038	NIKITHA A P	8.65
5	1RV17IM059	SURYA ANANTH	8.64
6	1RV17IM003	AIMAN FATHIMA K	8.57

INFORMATION SCIENCE AND ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17IS048	SONAL S R	9.57
2	1RV17IS027	PRANAVA BHAT	9.49
3	1RV17IS037	SAMPAN S NAYAK	9.42
4	1RV17IS024	N PRAHALAD	9.29
5	1RV17IS034	SAGAR RAJU SHET	9.28
6	1RV17IS011	JAYANTH G	9.26

MECHANICAL ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17ME046	KARTIK SHARMA	9.65
2	1RV17ME112	SUCHETH SHENOY	9.54
3	1RV17ME115	T CHETAN KUMAR REDDY	9.29
4	1RV17ME044	KALMESH NAGANOOR	9.21
5	1RV17ME036	GWALANI PUNIT NARESH	9.14
6	1RV17ME094	SAINNATH P V	9.12
7	1RV17ME083	RAKESH	9.07
8	1RV17ME033	GOPALKRISHNA C PAI	9.03
9	1RV17ME052	KRISHNAKUMAR R PANDIT	9.01
10	1RV17ME113	SUSHANT S JOSHI	8.99

TELECOMMUNICATION ENGINEERING			
Rank No.	USN	Name	CGPA
1	1RV17TE027	NIKHIL K J	9.34
2	1RV17TE021	MANASA BURAVALLI	9.30
3	1RV17TE030	PRADHYUMNA P	9.25
4	1RV17TE023	MARIA BENCY	9.20
5	1RV17TE019	KAVERI PATIL	9.06
6	1RV17TE035	PRIYANKA HOLLA B G	9.00

Provisional Rank list for the year 2021 (M.Tech & MCA)

M.TECH IN BIOMEDICAL SIGNAL PROCESSING

Rank No.	USN	Name	CGPA
1	1RV19LBI02	ANIMITA DAS	8.98
2	1RV19LBI04	HEMANTH KUMAR R	8.75

M.TECH IN COMPUTER SCIENCE ENGINEERING

Rank No.	USN	Name	CGPA
1	1RV19SCS17	VASUPRADA U	9.68
2	1RV19SCS05	BHAVYA M R	9.43
3	1RV19SCS13	SOURABHA M	9.28

M.TECH IN COMPUTER NETWORK ENGINEERING

Rank No.	USN	Name	CGPA
1	1RV19SCN07	GURUNATHREDDY MALIPATIL	9.53
2	1RV19SCN12	SANTHOSH M S	9.32
3	1RV19SCN16	TEJASHWINI DEVARAJ ARAKERI	9.28

M.TECH IN COMPUTER INTEGRATED MANUFACTURING

Rank No.	USN	Name	CGPA
1	1RV19MCM09	SANATH N	8.90
2	1RV19MCM10	SHREYAS R MODAK	8.60
3	1RV19MCM13	V YATISH KUMAR	8.35

M.TECH IN DIGITAL COMMUNICATION

Rank No.	USN	Name	CGPA
1	1RV19LDC08	DEEPTHI DATTA	9.42
2	1RV19LDC03	B HEMA PRIYA	9.38
3	1RV19LDC24	RASHMI B S	9.17

M.TECH IN INFORMATION TECHNOLOGY

Rank No.	USN	Name	CGPA
1	1RV19SIT08	R PRAJNA	9.61
2	1RV19SIT15	SUPREETHA A SHETTY	9.50
3	1RV19SIT13	SNEHA SHARANAPPA MUSTI	9.42

M.TECH IN PRODUCT DESIGN AND MANUFACTURING

Rank No.	USN	Name	CGPA
1	1RV19MPD14	INDIRA ROY	9.25
2	1RV19MPD02	ABDUL RAHMAN FAISAL	9.14
3	1RV19MPD09	DARSHAN S	8.93

M.TECH IN SOFTWARE ENGINEERING

Rank No.	USN	Name	CGPA
1	1RV19SSE04	ANUSHA D	9.45
2	1RV19SSE12	NADINE V ALEXANDRINE	9.20
3	1RV19SSE06	DEEPIKA R	9.16

M.TECH IN VLSI DESIGN AND EMBEDDED SYSTEMS

Rank No.	USN	Name	CGPA
1	1RV19LVS16	KIRAN GURUPRASAD SHETTY P S	9.35
2	1RV19LVS34	VINAYAKGOUDA YALLAPPAGOUDAR	9.16
3	1RV19LVS11	KARTHIK KUMAR TR	8.92

M.TECH IN MACHINE DESIGN

Rank No.	USN	Name	CGPA
1	1RV19MMD18	VIKRAMADITYA	9.69
2	1RV19MMD10	MAHENDRA PS	9.35

M.TECH IN STRUCTURAL ENGINEERING

Rank No.	USN	Name	CGPA
1	1RV19CSE18	YATHISH N V	9.83
2	1RV19CSE12	PRABHU KUMBAR	9.63
3	1RV19CSE15	SHUBHAM HAMPANNA KARATAGI	9.51

M.TECH IN COMUNICATION SYSTEMS

Rank No.	USN	Name	CGPA
1	1RV19LCS12	SAMANVITA S	9.70
2	1RV19LCS15	SWATHI R	9.36
3	1RV19LCS14	SRINIVAS V N	9.00

M.TECH IN POWER ELECTRONICS

Rank No.	USN	Name	CGPA
1	1RV19EPE10	PRIYANKA V V	9.34
2	1RV19EPE14	SHREEYAS PRAVIN S	9.28
3	1RV19EPE12	SAHARA PATIL	8.91

M.TECH IN RADIO FREQUENCY AND MICROWAVE ENGINEERING

Rank No.	USN	Name	CGPA
1	1RV19LRF05	NISHANTH PARAMESH	9.67
2	1RV19LRF04	NAMRATA MARIGOUDAR	8.64
3	1RV19LRF06	PRUTHWI K	8.16

M.TECH IN HIGHWAY TECHNOLOGY

Rank No.	USN	Name	CGPA
1	1RV19CHT04	ARUNKUMAR D S	9.22

2	1RV19CHT15	SHAKEEB AHMED SAWAR	9.20
3	1RV19CHT02	AKSHATA BADIGER	9.14

M.TECH IN BIOTECHNOLOGY

Rank No.	USN	Name	CGPA
1	1RV19BBT09	VEENA S	9.49
2	1RV19BBT01	ANUSHAA A	9.43
2	1RV19BBT02	ALICE PREETHI K	9.43
3	1RV19BBT05	PAVITHRA K S	9.35

MASTER OF COMPUTER APPLICATIONS

Rank No.	USN	Name	CGPA
1	1RV18MCA07	ARPITA MANOJ CHIKKODI	9.71
2	1RV19MCA58	SNEHA K	9.53
3	1RZ18MCA25	SHAMINAZ	9.37
4	1RD18MCA10	IRAAMMA S HIREGOUDRA	9.37
5	1RZ18MCA48	VIDYA SHANBHAG	9.31
6	1RV18MCA06	ANUJNA P RAO	9.28
7	1RV19MCA56	SANTHRA K JOY	9.24
8	1RZ18MCA19	POORNACHANDRA C M	9.23
9	1RD18MCA17	THIKSHAYA M	9.23
10	1RV19MCA59	VAIBHAVI P PONARKAR	9.19

Annexure – 3

List of Graduanda-2021 (UG)

Branch: Aerospace Engineering

Sl.No.	USN	Name
1	1RV17AS001	AADITYA U WANGIKAR
2	1RV17AS003	ADVIKA MEDHA ACHAR
3	1RV17AS006	AISHVARYA DATTATRAYA JOSHI
4	1RV17AS008	ANAGHA MANDAYAM BHULOKAM
5	1RV17AS009	ANUSHA
6	1RV17AS010	ARJUN R PRASAD
7	1RV17AS012	BAVIKAR KUNAL
8	1RV17AS013	CHATHURA G R
9	1RV17AS014	DEEKSHA K
10	1RV17AS015	DEEPIKA VARSHINI R
11	1RV17AS016	GARGI SUNIL PANTOJI
12	1RV17AS018	HARINI SUDHAKAR
13	1RV17AS019	K S PAVANA KUMAR
14	1RV17AS020	KASHIF MOHIUDDIN
15	1RV17AS023	KUSHAL S L
16	1RV17AS024	M M AKSHAY
17	1RV17AS025	MADHU C M
18	1RV17AS026	MANEESH M
19	1RV17AS028	MITHIL K
20	1RV17AS029	MITHRA IYANGAR R
21	1RV17AS030	NIRANJAN A
22	1RV17AS031	NITHIN S
23	1RV17AS033	POOJA BHAT
24	1RV17AS035	PRANAV B E
25	1RV17AS036	PUSHKAR CHAUDHARY
26	1RV17AS037	RAHUL ITHAL H L
27	1RV17AS041	SACHEET S AMBLEKAR
28	1RV17AS042	SACHIN MARUTI SHET
29	1RV17AS043	SAGAR HEGDE E K
30	1RV17AS044	SAHANA A
31	1RV17AS046	SAMARTH R KRISHNA
32	1RV17AS048	SANJAY A
33	1RV17AS049	SANMUKH SHARAD KHADTARE
34	1RV17AS050	SATHVIK K
35	1RV17AS053	SHASHANK B S
36	1RV17AS054	SIDDALINGANA GOWDA M P
37	1RV17AS058	VARALAKSHMI T S
38	1RV17AS059	VEDAVATHI G A
39	1RV17AS061	VISHNU VARDHAN REDDY MUTHYALA

40	1RV17AS062	VRISHIN SL
41	1RV17AS063	Y D SUMEDHA
42	1RV17AS064	AISHWARYA A
43	1RV17AS066	ANISH G P NAND
44	1RV18AS400	AYEESHA PATHAN
45	1RV18AS411	YESHAS M N BHARADWAJ

Branch: Biotechnology

Sl.No.	USN	Name
1	1RV16BT024	NIPUN S
2	1RV16BT060	SHOUNAK HEMANT DAHALE
3	1RV17BT001	AAYUSHI HITESH ZAVERI
4	1RV17BT002	ACHISHA SAIKIA
5	1RV17BT003	ADITI GOPALAN
6	1RV17BT005	AISHWARYA B M
7	1RV17BT006	AISHWARYA RAJAN
8	1RV17BT008	AKSHAYA A
9	1RV17BT009	ALISHA MUGUNTHAN
10	1RV17BT010	ANUSHA MYSORE KEERTHI
11	1RV17BT011	APEKSHA B
12	1RV17BT012	APOORVA SAXENA
13	1RV17BT013	B JANAKI
14	1RV17BT014	BHOOMIKA K N
15	1RV17BT015	BRAHMANAND D
16	1RV17BT016	DHRUTHI SURESH
17	1RV17BT017	DUHITA AKHIL PALHERKAR
18	1RV17BT018	HIFZA RUKSAR
19	1RV17BT019	JACQUELINE AROKIARAJ
20	1RV17BT020	KALA N G
21	1RV17BT022	KEERTHANA G
22	1RV17BT023	KRITHIKA S
23	1RV17BT024	KUSUM M WARAD
24	1RV17BT025	MEGHA S SHETTY
25	1RV17BT026	MEGHANA N
26	1RV17BT027	MUKTHA BHARADWAJ S
27	1RV17BT028	NAVEEN R
28	1RV17BT030	O SRUTI
29	1RV17BT031	P NACHIKETH
30	1RV17BT032	PAVITRA RAJUR
31	1RV17BT034	PRESHITA SANJAY DAVE
32	1RV17BT035	PRUTHA VIJAY KUMAR
33	1RV17BT036	R RESHMA
34	1RV17BT037	RAKSHA M
35	1RV17BT038	RASHMI R UPADHYAYA

36	1RV17BT040	ROHINI CHEBBI
37	1RV17BT041	RYNA SHIREEN SHERIFF
38	1RV17BT042	SANDESH S KAMMATH
39	1RV17BT043	SANJAY KUMAR K
40	1RV17BT044	SHIVAPRADA S HEGDE
41	1RV17BT045	SHRAVANI K S
42	1RV17BT046	SHRAVYA P RAO
43	1RV17BT047	SHREYA CHOUDHARY
44	1RV17BT048	SHREYA P NAIDU
45	1RV17BT050	SHWETA SUDAM KALLAPUR
46	1RV17BT051	SOUJANYA R
47	1RV17BT052	SRIRAKSHA BHARADWAJ KASHYAP
48	1RV17BT053	SURABHI HITENDRA CHAUDHARI
49	1RV17BT054	SWATHI GIRIDHAR
50	1RV17BT055	VARUN ULLANAT
51	1RV17BT057	VIDYADHARA S R
52	1RV17BT063	PUNYA H A

Branch: Chemical Engineering

Sl.No.	USN	Name
1	1RV17CH005	ASHUTOSH KOHLI
2	1RV17CH007	AZHAGIRI VIGNESH R
3	1RV17CH011	GNANA SOUNDARYA V
4	1RV17CH012	GOKUL PRAKASH
5	1RV17CH014	JANGAM ADITYA JITENDRA
6	1RV17CH015	KARTHIK R S
7	1RV17CH017	LIBIN LAL
8	1RV17CH018	MADHUSHREE R
9	1RV17CH019	MAHIMA GUPTA
10	1RV17CH020	MANPREET SINGH ARORA
11	1RV17CH022	NEETHA R HEGDE
12	1RV17CH024	PARIDHI GARG
13	1RV17CH025	PARTH GARG
14	1RV17CH028	RUTUJA AJJANNAVAR
15	1RV17CH029	SAHANA ANANTH GANGOLLI
16	1RV17CH030	SAI SHREYAS S
17	1RV17CH035	SHRESTH BASU
18	1RV17CH036	SONIYA B DHAYARKAR
19	1RV17CH038	SUSHANTHA M
20	1RV17CH039	VARSHAL S ULLAL
21	1RV18CH400	ABHISHEKA K B
22	1RV18CH401	CHANDANA C R
23	1RV18CH403	KAILASH M Y
24	1RV18CH404	KIRAN SHENOY H

25	1RV18CH405	MANISH NAIK
26	1RV18CH406	SAI GOVARDHAN E

Branch: Computer Science and Engineering

Sl.No.	USN	Name
1	1RV16CS097	PENMATSA BHARGAV VARMA
2	1RV17CS001	A SURYANARAYANAN
3	1RV17CS002	AARYAMAN T P KATOCH
4	1RV17CS003	ABDUL KHALIQ ALMEL
5	1RV17CS004	ABEER VAISHNAV
6	1RV17CS005	ABHISHEK R
7	1RV17CS006	ABIJITH TRICHUR RAMACHANDRAN
8	1RV17CS008	ADITHYA H
9	1RV17CS009	ADITYA PATI
10	1RV17CS010	ADITYA RAJ
11	1RV17CS011	AISHRITH P RAO
12	1RV17CS012	AISHWARYA G
13	1RV17CS013	AKHILESH U
14	1RV17CS014	AKSHAR PRASAD
15	1RV17CS015	AKSHITA L
16	1RV17CS016	AMARTYA RAJ OM
17	1RV17CS017	AMISHA
18	1RV17CS018	ANEESH SIDHARTH
19	1RV17CS019	ANNARAY KALASHETTY
20	1RV17CS020	ANNETTE SHAJAN
21	1RV17CS021	ANSHUL AGRAWAL
22	1RV17CS022	APOORVA
23	1RV17CS023	ARAVIND
24	1RV17CS024	ARPIT KUMAR
25	1RV17CS026	ASHWITHA
26	1RV17CS028	AYUSH AGARWAL
27	1RV17CS030	B SUBHASH
28	1RV17CS031	B SUMUKHA ADIGA
29	1RV17CS032	BALUSA VENKATA SAI HARIKA
30	1RV17CS033	CHAITANYA M R
31	1RV17CS035	HOSAMANI CHANAKYA
32	1RV17CS036	CHETAN B
33	1RV17CS037	CHETAN TAYAL
34	1RV17CS038	CHITTOOR RAVIMANYA SUSRITH
35	1RV17CS039	DASHRATHKUMAR YADAV
36	1RV17CS041	DEEKSHA P
37	1RV17CS042	DEEKSHA SHRAVANI
38	1RV17CS043	DEEKSHITH
39	1RV17CS045	DHANANJAY NARAYAN SABHAHIT

40	1RV17CS046	DHANUSH B P
41	1RV17CS047	DHARMA REDDY A
42	1RV17CS048	DHRUV BEHL
43	1RV17CS049	DINESH DURGAPRASAD CHILIKURI
44	1RV17CS050	DIPALI SAHAY
45	1RV17CS051	DIVYA M
46	1RV17CS054	GOUTHAM G K
47	1RV17CS055	GOWTHAM H N
48	1RV17CS056	H A GAUTHAM
49	1RV17CS057	H RAMESH
50	1RV17CS058	HARSHITA S
51	1RV17CS059	HARSHUL SINGHAL
52	1RV17CS061	HRITHIK M R
53	1RV17CS062	ISHITA DWIVEDI
54	1RV17CS063	JAINIL VIREN PARIKH
55	1RV17CS065	JAYESH KUMAR YADAV
56	1RV17CS066	K ANIRUDH
57	1RV17CS067	K HARSHITH
58	1RV17CS068	K RAKESHKUMAR
59	1RV17CS070	KANDUKURI VINEETHKUMAR GOWD
60	1RV17CS071	KARTHIK K S
61	1RV17CS072	KARTHIK S RAO
62	1RV17CS073	KARTHIKEYA H S
63	1RV17CS074	KESHAV BHATTAD
64	1RV17CS075	KEYUR SHAH
65	1RV17CS076	KHUSHI TALESRA
66	1RV17CS077	KRISHNA YASH RAJ
67	1RV17CS080	KUSHI KIRAN
68	1RV17CS081	L SPOORTHI
69	1RV17CS082	MAHATHI SIDDAVATAM
70	1RV17CS083	MANISH UTTAMKUMAR AMBI
71	1RV17CS084	MD AKBAR KHAN ALLAVALI
72	1RV17CS089	MONICA B
73	1RV17CS090	MRIDUL SADHU
74	1RV17CS091	NADIA TARANNUM J
75	1RV17CS092	NAYANA BANNUR
76	1RV17CS094	NIKHIL SHIVAKUMAR NAYAK
77	1RV17CS095	NIKHIT LAXMAN
78	1RV17CS096	NIKITA G KATHARE
79	1RV17CS097	NISHCHAL SHETTY
80	1RV17CS098	NITHEESH NAYAK
81	1RV17CS099	NIVIT R NAIR
82	1RV17CS101	P HARIDHER
83	1RV17CS102	PALLAVI

84	1RV17CS103	PATTEM DEEKSHA
85	1RV17CS104	POTLURI SATYA SRIRAM
86	1RV17CS105	PRABLEEN SINGH
87	1RV17CS107	PRAJWAL V ATREYAS
88	1RV17CS108	PRAJWAL Y R
89	1RV17CS110	PRANAV B M
90	1RV17CS111	PRATHAMESH SUBHASH MALI
91	1RV17CS112	PRATHEEKSHA P
92	1RV17CS113	PRATHIK R M
93	1RV17CS114	PRERANA SHENOY S P
94	1RV17CS115	PRUTHVIRAJ SANDEEP DESHMUKH
95	1RV17CS116	PURVI G R
96	1RV17CS117	R SHREYA
97	1RV17CS118	RAGHU VARDHAN VULUGUNDAM
98	1RV17CS119	RAIKAR SIDDHARTH HARISH
99	1RV17CS120	RAKESH
100	1RV17CS121	RAMESHWAR GARG
101	1RV17CS122	RISHAB V ARUN
102	1RV17CS124	RITESH M
103	1RV17CS125	ROHIT RAJ
104	1RV17CS126	RUCHITA R BIRADAR
105	1RV17CS127	RUJULA SINGH R
106	1RV17CS128	S B RAKSHITH
107	1RV17CS129	S MEGHNA
108	1RV17CS130	S SURAJ
109	1RV17CS131	SAADHVI RAYASAM
110	1RV17CS132	SAHANA SRINIVASAN
111	1RV17CS133	SAI SWARNA DOWLEY RAJENDRAN
112	1RV17CS134	SAI VENKATA VARUN DANDA
113	1RV17CS135	SAJJAN K
114	1RV17CS136	SAMMED A MUTTIN
115	1RV17CS137	SANGANBASAVA
116	1RV17CS138	SANJANA G B
117	1RV17CS139	SANJAYA SHANKAR HEGDE
118	1RV17CS141	SATHVIK K R
119	1RV17CS143	SHAIK RAHIMA TANAZ
120	1RV17CS144	SHANTKUMAR
121	1RV17CS145	SHARANKUMAR
122	1RV17CS147	SHASHWATI JHA
123	1RV17CS148	SHASWAT
124	1RV17CS150	SHRAVAN Y R
125	1RV17CS151	SHREESHA BHAT
126	1RV17CS153	SHREYAS NOPANY
127	1RV17CS154	SHREYAS S KASETTY

128	1RV17CS155	SHYAM A
129	1RV17CS157	SINCHANA RAVISHANKAR GAONKAR
130	1RV17CS158	SOHAN G
131	1RV17CS159	SOURABH S BADHYA
132	1RV17CS160	SPANDANA KOTTUR
133	1RV17CS161	SPANDANA M PATIL
134	1RV17CS162	SPARSH G SARODE
135	1RV17CS163	SRINIDHI M S
136	1RV17CS164	SUCHIT T E
137	1RV17CS165	SUHAS S PRASAD
138	1RV17CS166	SUMAN
139	1RV17CS167	SUMANA H V
140	1RV17CS168	SURYA DHEESHJITH
141	1RV17CS169	SUSHEEL S HARSOOR
142	1RV17CS171	SWATHI N R
143	1RV17CS173	TEJASWINI S
144	1RV17CS175	UDAY TALWAR
145	1RV17CS176	UMESH PATIL
146	1RV17CS178	VAIBHAV V ATHANI
147	1RV17CS180	VARUN KOMPERLA
148	1RV17CS181	VEERESH S KOLIWAD
149	1RV17CS182	VINUTHKUMAR V G GOUDA
150	1RV17CS183	VISHAK S BHARADWAJ
151	1RV17CS185	VISHWANATH REVANASIDDAPPA KHOTIN
152	1RV17CS186	YASH SURANGE
153	1RV17CS187	YASH T JAIN
154	1RV17CS188	AMAN VERMA
155	1RV17CS189	FAIZAN MUSHTAQ
156	1RV17CS190	G S SUNDAR
157	1RV17CS191	R MAHESH
158	1RV17CS192	SAGAR P
159	1RV17CS193	MOHIT SINGH
160	1RV17CS194	YASHWANTH Y S
161	1RV17CS195	DEVIREDDY VENKATA MANIDEEP
162	1RV17CS196	SNEH BHAJANKA
163	1RV17CS197	SARAYU A VYAKARANAM
164	1RV17CS198	SHUBHAM JAIN
165	1RV17CS199	SHETTY ROHAN
166	1RV17CS200	SHREYA SAHAY
167	1RV17CS201	O VINATI REDDY
168	1RV17CS202	SRIJITH
169	1RV17CS203	PRERANA M DONTHI
170	1RV17CS204	PRADYUMNA CHAKRAPANI
171	1RV17CS205	MANGALAM PALOD

172	1RV17CS207	KAUSHIK AGARWAL
173	1RV17CS209	SHAMBAVI
174	1RV17CS210	VEDIKA AGARWAL
175	1RV18CS400	AJAY JADHAV
176	1RV18CS401	ANITA MUDDANNA HALUNDI
177	1RV18CS402	ARATI ASHOK NEELAMMANAVAR
178	1RV18CS404	DHARA R RACHH
179	1RV18CS406	HARSHITHA R
180	1RV18CS408	KARTHIK A MORAB
181	1RV18CS409	KAVYA S MUTTUR
182	1RV18CS411	MANIKANTHA S
183	1RV18CS413	MOHAMMED KALANDER SHIHAB
184	1RV18CS414	N NIKHIL
185	1RV18CS416	NANDISH B J
186	1RV18CS417	NAZIYA AKHTHAR M
187	1RV18CS419	NIRANJANA H B
188	1RV18CS420	PAVAN KUMAR K N
189	1RV18CS423	PRASHANTH REDDY M G
190	1RV18CS424	PRIYA DARSHINI R
191	1RV18CS425	RAHUL PANDURANG POKALE
192	1RV18CS427	RAMYASHREE V
193	1RV18CS429	RIYA NARESH DEVADAS
194	1RV18CS430	SAMRUDHI SANTAJI
195	1RV18CS431	SHALINI R
196	1RV18CS436	VEENA R

Branch: Civil Engineering

Sl.No.	USN	Name
1	1RV16CV084	SAMYAK JAIN
2	1RV17CV005	AKASH B M
3	1RV17CV006	AKASH RATHOD
4	1RV17CV007	AKASH T ANNADANI
5	1RV17CV009	AMAN BAGRECHA
6	1RV17CV010	AMOGH
7	1RV17CV011	ANEESH GUPTA
8	1RV17CV012	ANIL BIRADAR
9	1RV17CV013	ANKITHA A BADDI
10	1RV17CV014	ANTARA GOGOI
11	1RV17CV015	ANUPRIYA SAKYA
12	1RV17CV016	APOORV SINGH
13	1RV17CV017	ARPIT ASIM VERMA
14	1RV17CV018	ARPIT RAI
15	1RV17CV020	ASHISH PAWAR
16	1RV17CV024	BHARGAVKUMAR P G

17	1RV17CV026	CHALLA SRI ESWAR SAI
18	1RV17CV027	CHANDAN D
19	1RV17CV029	CHATURI B RAJAPUR
20	1RV17CV030	CHILESH KUMAR J U
21	1RV17CV031	CHIRANJEEVI JOSHI
22	1RV17CV032	DARSHAN M S
23	1RV17CV034	DEVANAMPRIYA A
24	1RV17CV035	DEVESH KUMAR SINGH
25	1RV17CV036	DHANVIN GOWDA C H
26	1RV17CV041	GAGAN PATEL B
27	1RV17CV044	HARSH JAIN
28	1RV17CV046	HITESH A
29	1RV17CV047	J NYPUNYA
30	1RV17CV048	JEET MEHTA
31	1RV17CV049	K HARIPRIYA
32	1RV17CV050	KAUSHIK
33	1RV17CV052	L KEERTANA
34	1RV17CV053	LOHITH H G
35	1RV17CV054	MAAZ S KHAN
36	1RV17CV055	MADHAN N
37	1RV17CV056	MAHESH PATEL
38	1RV17CV057	MANI BHUSHAN
39	1RV17CV058	MANISH KUMAR
40	1RV17CV059	MANOJKUMAR DOODAPPA RATHOD
41	1RV17CV060	MANU PRASAD P
42	1RV17CV061	MD EHTESHAM AZAM
43	1RV17CV064	MOHITH R SIDDESH
44	1RV17CV065	MUSTUFA S GALAGNATH
45	1RV17CV066	NAMRATHA K
46	1RV17CV068	NEELAKASH HALOI
47	1RV17CV071	NISCHAL M HIREMATH
48	1RV17CV073	NISHCHEL C N
49	1RV17CV074	NISHI DHIRAJLAL GADARA
50	1RV17CV075	NITHEESH KUMAR D G
51	1RV17CV076	OMKAR KADAGUD
52	1RV17CV077	PARIKSHITH PRASAD
53	1RV17CV079	PRABHULING SASANOOR
54	1RV17CV080	PRASANNAKUMAR SHEBANI
55	1RV17CV081	RACHITHA K
56	1RV17CV083	RAHUL CHAURASIA
57	1RV17CV084	RAHUL TOPPO
58	1RV17CV085	RAKSHITHA ANAND
59	1RV17CV086	RANJITH M
60	1RV17CV087	RAVI S BALLAVUR

61	1RV17CV089	RHITAM CHAKROBORTY
62	1RV17CV090	RISHI DUDI
63	1RV17CV091	ROHITH Y M
64	1RV17CV092	S NIVED KUMAR
65	1RV17CV093	S PRAJWAL
66	1RV17CV094	SABINA AHMED BORAH
67	1RV17CV095	SACHIN K U
68	1RV17CV096	SACHIN KUMAR KAR
69	1RV17CV097	SACHIN RAI K
70	1RV17CV098	SAGAR H R
71	1RV17CV099	SANDEEP M K
72	1RV17CV100	SATYAM CHANDRA
73	1RV17CV101	SEERAT LATIF
74	1RV17CV102	SHALINI A C
75	1RV17CV103	SHARANABASAPPA
76	1RV17CV104	SHARANAPPA
77	1RV17CV105	SHASHIKANTH S
78	1RV17CV107	SHIVAKUMARA V
79	1RV17CV108	SHREYAS
80	1RV17CV109	SHUBHAM DWIVEDI
81	1RV17CV110	SHUBHAM RAJ
82	1RV17CV112	SIDDHARTH KUMAR
83	1RV17CV113	SRINIVASA G
84	1RV17CV115	SUHANA K
85	1RV17CV117	SUSHMA H B
86	1RV17CV118	SWATHI A HERUR
87	1RV17CV120	TAPAS GOYAL
88	1RV17CV121	VIKAS JAIRAJ PATIL OKALY
89	1RV17CV122	VIKRAM REDDY N
90	1RV17CV123	YASHAS V
91	1RV17CV124	FAIZAN ZAHOOR
92	1RV17CV125	HARSH BHARADWAJ
93	1RV17CV128	SHAH NADEEM
94	1RV17CV129	SAKSHI GUPTA
95	1RV17CV130	S PRAKRUTHI
96	1RV17CV131	VINEETH NAGARAJ
97	1RV17CV133	VINEETH KOTHARI
98	1RV17CV900	Tanushree M
99	1RV18CV400	B ASHOK REDDY
100	1RV18CV401	BETTASWAMY H R
101	1RV18CV402	CHANDANA L
102	1RV18CV403	EGAPPA SHIVAPPA LAMANI
103	1RV18CV404	GAGANA V
104	1RV18CV405	HARSHITHA S M

105	1RV18CV406	KAVYASHREE R PAWAR
106	1RV18CV407	MAHESH
107	1RV18CV408	MANOJ D C
108	1RV18CV409	MARILINGA
109	1RV18CV410	MOHAMMAD YASEEN HONNUTAGI
110	1RV18CV411	MOHAMMED HABEEB M
111	1RV18CV412	NAGARAJA KB
112	1RV18CV413	NISARGA L
113	1RV18CV414	PARASHURAMA K
114	1RV18CV415	PATIL RUSHABH
115	1RV18CV417	PUNEETH M
116	1RV18CV418	RAJASHEKARA P
117	1RV18CV421	SUMANTH V T
118	1RV18CV422	VIDYASAGAR N T
119	1RV18CV423	VISHAL PM
120	1RV18CV424	VIVIKT PHARALE

Branch: Electronics and Communication Engineering

Sl.No.	USN	Name
1	1RV16EC048	DARSHAN HARAGI L
2	1RV16EC139	SAKETH SARAN MEKA
3	1RV16EC161	SOURAB M
4	1RV17EC001	ABHAYAKUMARA S BASUTAKARA
5	1RV17EC002	ABHINAV AGARWAL
6	1RV17EC003	ABHINAV S
7	1RV17EC004	ABHISHEK H CHACHADI
8	1RV17EC005	ADITI MODI
9	1RV17EC006	ADVAITH ASHWIN HARISH
10	1RV17EC007	AKASH
11	1RV17EC008	AKASH P
12	1RV17EC009	AKSHAY KUMAR SINGH
13	1RV17EC010	AKSHAY NARAYAN PAI
14	1RV17EC011	AMISHA SINGH
15	1RV17EC012	AMMATI VINAYKUMAR
16	1RV17EC013	ANIRUDDH M
17	1RV17EC014	ANIRUDH KASHYAP
18	1RV17EC015	ANJANA MAHAVEER DAIGOND
19	1RV17EC016	ANKITH KUMAR RATHORE B
20	1RV17EC017	ANKITHA
21	1RV17EC018	ANKUR
22	1RV17EC019	ANUBHAV DINKAR
23	1RV17EC021	APOORVADITYA SINGH
24	1RV17EC022	ARPITA S K
25	1RV17EC023	ARPITHA O NAIK

26	1RV17EC025	ASHUTHOSH N BHAT
27	1RV17EC028	BHARGAV N
28	1RV17EC029	BILLE GIRITEJA
29	1RV17EC030	CHANDANA
30	1RV17EC032	CHAYANK S
31	1RV17EC033	CHETAN
32	1RV17EC034	DANDOLU CHETAN KARTHIKEYA REDDY
33	1RV17EC035	DEEKSHITH NAYAK
34	1RV17EC037	DEEPIKA ANANTHARAMAN
35	1RV17EC038	DHANUSH U
36	1RV17EC039	DHANYASHREE R PRASAD
37	1RV17EC041	DILIP KUMAR B C
38	1RV17EC042	DINDUKURTHI K SRAVANI
39	1RV17EC043	DIVYANANTHAN C
40	1RV17EC044	ELIZABETH KURUVILLA
41	1RV17EC045	FAIZAN MUNAZEER
42	1RV17EC046	G V KEERTHI
43	1RV17EC047	GAUTHAM S
44	1RV17EC048	GOLLAMUDI SAI SRIKAR
45	1RV17EC049	H K KIRAN KUMAR
46	1RV17EC050	HARDIK DEVRANGADI
47	1RV17EC051	HARSHITHA K
48	1RV17EC054	JUHIE FADNAVIS
49	1RV17EC055	K SUBRAHMANYA
50	1RV17EC056	KARTHIK
51	1RV17EC057	KARTHIK S
52	1RV17EC059	KAVANA R
53	1RV17EC060	KAVYA G
54	1RV17EC061	KEVIN MATHEW
55	1RV17EC063	KUMAR SHASHANK
56	1RV17EC065	M ABHIJIT
57	1RV17EC066	M LIKHITA
58	1RV17EC067	MAANAS M D
59	1RV17EC068	MAHANTESH MAGI
60	1RV17EC069	MAHESH BHAT K
61	1RV17EC070	MAHESH CHANDRU C
62	1RV17EC072	MANJUNATHA R
63	1RV17EC073	MANOJ NAIK
64	1RV17EC074	MAYUKA C
65	1RV17EC075	MAYUR RAJ SINGH CHOUHAN
66	1RV17EC076	MISHMA TOPPO
67	1RV17EC077	MUKTHAPURAM PRANEETH REDDY
68	1RV17EC078	NAFISA ALI
69	1RV17EC079	NAGARAJ N

70	1RV17EC080	NAGARAJA SEKHAR UPPUGUNDURI
71	1RV17EC082	NAGENDLA SAI SUMANTH
72	1RV17EC083	NAGENDRA KUMAR JAMADAGNI
73	1RV17EC084	NAGESH B
74	1RV17EC085	NANDINI MITTAL
75	1RV17EC086	NANDINI S
76	1RV17EC087	NEHA SURESH
77	1RV17EC088	NEKKANTI VISAAL
78	1RV17EC090	NIDHI S NAIR
79	1RV17EC091	NIKHIL CHANDRA B S
80	1RV17EC092	NIPPANI RAVI PAVAN SANTOSH
81	1RV17EC093	NISCHITH T R
82	1RV17EC094	NITHINKUMAR B G
83	1RV17EC095	NITIN KUMAR OJHA
84	1RV17EC096	NIVEDITHA VALIPIREDDY KONDAREDDY
85	1RV17EC097	PAURUSH GUPTA
86	1RV17EC098	PAWANA S
87	1RV17EC099	PEDDI SAURABH
88	1RV17EC100	POORNIMA ASUTI
89	1RV17EC101	PRABUDDH M
90	1RV17EC102	PRACHII KUMAR
91	1RV17EC103	PRADYUMNA C
92	1RV17EC104	PRAJWAL S TELKAR
93	1RV17EC105	PRAKASH S BHAT
94	1RV17EC106	PRAMATH BHARADWAJ S
95	1RV17EC107	PRANSHU CHAURASIA
96	1RV17EC108	PRASANNASAI S HULIKATTI
97	1RV17EC111	PURUSHOTTAM JOSHI
98	1RV17EC112	RAGHAVENDRA H MALAGER
99	1RV17EC113	RAHUL DESINGH S
100	1RV17EC114	RAHUL J
101	1RV17EC115	RAHUL M G
102	1RV17EC116	RAHUL RAJ D N
103	1RV17EC117	RAHUL RATNU CHAVAN
104	1RV17EC118	RAKSHAK UDUPA T S
105	1RV17EC119	RAKSHATA KARLINGANNAVAR
106	1RV17EC120	RAKSHITH J C
107	1RV17EC121	RAMYA N
108	1RV17EC122	REMIDI ROHITH REDDY
109	1RV17EC123	RHUTU KALLUR
110	1RV17EC125	RISHIKESH NANDA
111	1RV17EC126	RITHWIK GOEL
112	1RV17EC128	ROSHNI SEN
113	1RV17EC130	S RAMITH

114	1RV17EC131	SACHIN GOYAL
115	1RV17EC133	SAGAR T
116	1RV17EC134	SAMIKSHA RANA SINGH
117	1RV17EC135	SAMMED ENDOLI
118	1RV17EC136	SANDUR SHREESHA
119	1RV17EC137	SARVESH SHASHIDHAR
120	1RV17EC138	SHASHANK C MOULI
121	1RV17EC139	SHASHANK K HOLLA
122	1RV17EC140	SHASHANK R S
123	1RV17EC142	SHEIKH SAQIB FAYAZ
124	1RV17EC143	SHIVANS GUPTA
125	1RV17EC145	SHRAVAN MALLIKARJUN JAKKANNAVAR
126	1RV17EC146	SHREYANS GOMES
127	1RV17EC147	SHREYAS RAO
128	1RV17EC148	SHRIDHAR P PRABHU
129	1RV17EC149	SHRIYA BARPANDA
130	1RV17EC151	SHYAMANTH R H
131	1RV17EC152	SIDDARTH SAI AMRUTH YETIKURI
132	1RV17EC154	SINCHANA G
133	1RV17EC155	SINGAREDDY BHAGYA LAKSHMI
134	1RV17EC156	SIRI S GOWDA
135	1RV17EC157	SNEHAL RAJESH LALAGE
136	1RV17EC158	SOHAN S A
137	1RV17EC159	SONALI AJIT KARKI
138	1RV17EC160	SOWJANYA M
139	1RV17EC161	SPOORTHI G GOJANUR
140	1RV17EC162	SR AHRTHI
141	1RV17EC163	SRAYAN SANKAR CHATTERJEE
142	1RV17EC164	SRIVATHS J M
143	1RV17EC165	SRUJAN R RAJANALLI
144	1RV17EC166	SUCHITRA N S
145	1RV17EC167	SUDHEENDRA HEGDE
146	1RV17EC168	SUHAS T M
147	1RV17EC169	SUPRIYA C
148	1RV17EC171	SWAROOP
149	1RV17EC172	TANUSHREE G V
150	1RV17EC173	THARUN SIVAKUMAR
151	1RV17EC174	TRISHA A
152	1RV17EC175	UDBHAV VIKAS
153	1RV17EC176	VAJRA R SINGH
154	1RV17EC177	VARSHA KULKARNI
155	1RV17EC178	VEERADHI ROHIT
156	1RV17EC179	VIJAYALAXMI NUCHCHI
157	1RV17EC180	VINAY MUTTINAMATH

158	1RV17EC181	VINAY VARMA BHUPATHIRAJU
159	1RV17EC182	VISHNU TEJA RAJU G
160	1RV17EC183	VISHNUSAI REDDY TADIPARTHI
161	1RV17EC184	VISHWAS V
162	1RV17EC185	VIVEK THOMAS MATTHEW
163	1RV17EC186	Y SAI DEEPAK REDDY
164	1RV17EC187	FADIYAH MUKHTAR
165	1RV17EC188	SAHIL VIDAY SINGH
166	1RV17EC189	NISHANT AGRAWAL
167	1RV17EC190	SAHANA K S
168	1RV17EC191	KARAN BANTIA R
169	1RV17EC192	AMRATHESH
170	1RV17EC193	BISHWAPA SANYAL
171	1RV17EC194	ANANTH G S
172	1RV17EC195	MONICA ESWAR
173	1RV17EC197	SOUDRI SAI VISHNU
174	1RV17EC417	NIRMALA J P
175	1RV18EC400	ANILKUMAR M G
176	1RV18EC401	ANUSHA D
177	1RV18EC402	ARJUN KANKANAVADI
178	1RV18EC403	DARSHAN S GOWDA
179	1RV18EC404	FIRDOSH A D
180	1RV18EC405	GEETHANJALI S
181	1RV18EC406	HAMSA G
182	1RV18EC407	KARIBASAVESHWARA TG
183	1RV18EC408	KARTHIK S S
184	1RV18EC409	KIRAN V
185	1RV18EC410	LAVANYA B S
186	1RV18EC411	LAVANYA S
187	1RV18EC413	NAYANA V
188	1RV18EC414	NIKHIL G MUDAKAVI
189	1RV18EC415	NIRANJAN V
190	1RV18EC416	PAVAN HK
191	1RV18EC417	PRIYANKA VINAYAKA BHANDARI
192	1RV18EC420	RAMYA B
193	1RV18EC421	SABIT AUTI
194	1RV18EC422	SAINATH URANKAR
195	1RV18EC423	SANDESH KRISHNA SHETTY
196	1RV18EC424	SANDUR ANITHA
197	1RV18EC425	SAURABH KUMAR
198	1RV18EC426	SEEMA A S
199	1RV18EC427	SHAHISTA KOUSAR
200	1RV18EC429	SHIVANAND RUGI
201	1RV18EC430	SINDHU T S

202	1RV18EC431	SNEHA JAIN H D
203	1RV18EC433	VIDYASHREE V
204	1RV18EC434	VINAY B
205	1RV18EC435	VINAY KUMAR G

Branch: Electrical and Electronics Engineering

Sl.No.	USN	Name
1	1RV16EE044	PUNEETH S
2	1RV17EE002	ANANTHA S UDUPA
3	1RV17EE003	ANJANA S
4	1RV17EE004	ANJUM SHARIFF
5	1RV17EE005	ARSHAD A YAKEEN
6	1RV17EE006	ASHWINI
7	1RV17EE007	ATHMIYA V
8	1RV17EE008	AYUSH KUMAR
9	1RV17EE010	BINDU PRASAD C S
10	1RV17EE011	DARSHAN N KANNUR
11	1RV17EE013	DUBEY SHUBHAM RAJESH
12	1RV17EE014	GIRISH GANJIHAL
13	1RV17EE015	HARSH KHATRI
14	1RV17EE018	KAMBAIAHGARI TEJASWINI
15	1RV17EE020	KARANAM DHANVI
16	1RV17EE021	KARTIKEY VISHWAKARMA
17	1RV17EE022	KAUSHAL KISHOR
18	1RV17EE025	LOCHAN L
19	1RV17EE030	MANDIRA MUDDAPUR
20	1RV17EE031	MUTHULAKSHMI S
21	1RV17EE034	NIVEDITA M
22	1RV17EE035	PIRZADA QAMRAIN
23	1RV17EE036	PREETHA V
24	1RV17EE037	R AJITH KUMAR
25	1RV17EE038	RAGHAVA RAM BHARADWAJ VEMPARALA
26	1RV17EE039	RAHUL G
27	1RV17EE040	RAJESHWARI D R
28	1RV17EE041	RUTHVICK S
29	1RV17EE042	S ROHITH
30	1RV17EE046	SAI VAMSI UPPALAPATI
31	1RV17EE047	SAMBRAM C SWAMY
32	1RV17EE048	SANCHIT AGARWAL
33	1RV17EE049	SAURAV KUMAR
34	1RV17EE050	SHARADA R
35	1RV17EE051	SHILADITYA MUKERJI
36	1RV17EE052	SHIVAYOGI B N
37	1RV17EE053	SIDDANNA

38	1RV17EE054	SK AHAD ALI
39	1RV17EE055	SPANDANA S
40	1RV17EE058	TEJAS HOLLA
41	1RV17EE059	VAIBHAV N HEBBAL
42	1RV17EE060	VENKAT NIKHIL M
43	1RV17EE062	YERRAGUDI VENKATA SAI LOKESWARA REDDY
44	1RV17EE063	PRABJOT SINGH
45	1RV17EE064	CHETAN KUMAR GUPTA
46	1RV17EE065	SHASHWAT SHRIVASTAVA
47	1RV17EE066	SAMARTH SONI
48	1RV17EE067	DHANUSH SHIVANAND
49	1RV18EE400	ARADHYA TS
50	1RV18EE401	ARUN KUMAR T R
51	1RV18EE402	BHAVANA K H
52	1RV18EE403	HARISH C
53	1RV18EE404	JINKA MEENAKSHI
54	1RV18EE406	PAVAN KUMAR N
55	1RV18EE408	SAURAV RAJA
56	1RV18EE409	UMESH N S
57	1RV18EE411	VISHWAS H

Branch: Electronics and Instrumentation

Sl.No.	USN	Name
1	1RV16EI020	MHETRE GURURAJ SUBHASHCHANDRA
2	1RV16EI022	HARISH BEMALKHEDKAR
3	1RV16EI056	UNNATI SIMRAN
4	1RV16EI057	USHA S JANGE
5	1RV17EI001	ABHILASHA A M
6	1RV17EI002	ABHINAV MURLI
7	1RV17EI004	AISIRI H R
8	1RV17EI006	ANANYA ANANTH RAO
9	1RV17EI009	ANNESHA DASGUPTA
10	1RV17EI011	ANUSHKA MITTAL
11	1RV17EI012	ARCHIT SRIVASTAVA
12	1RV17EI013	ASHUTOSH KUMAR SINGH
13	1RV17EI014	AVANI R SHESH
14	1RV17EI015	BHARATH R
15	1RV17EI016	CHARAN KUMAR N
16	1RV17EI022	ESHA SHASHIBHUSHAN
17	1RV17EI023	GOVIND A
18	1RV17EI024	GURUPRASAD P
19	1RV17EI025	HARSIMRAN SINGH
20	1RV17EI026	HOLAGUNDI PRAMEETH
21	1RV17EI029	KARTHIK V JIRLIMATH

22	1RV17EI030	LAKSHMINARAYANAREDDY K
23	1RV17EI031	MAHESH
24	1RV17EI032	MANASA POTTA
25	1RV17EI033	NAMAN JAIN
26	1RV17EI035	PALLAVI R
27	1RV17EI036	POOJA KUMARI
28	1RV17EI037	PRAJWAL M
29	1RV17EI040	RAGHAVI R
30	1RV17EI042	RAVI KASHYAP
31	1RV17EI043	S ARJUN
32	1RV17EI044	S J RUTHVIK
33	1RV17EI045	SACHIN
34	1RV17EI048	SHASHWAT RAJ
35	1RV17EI049	SHAUN QIEN YEAU TAN
36	1RV17EI050	SHERIN STEAPHEN
37	1RV17EI052	SNEHIL BEHAR
38	1RV17EI054	SRI LAKSHMI U SIRURMATH
39	1RV17EI055	SRIDHAR RAJ K N
40	1RV17EI056	SRINIVAS PRABHU B
41	1RV17EI057	SURAJ KUMAR S
42	1RV17EI061	VAISHAKA N RAJ
43	1RV17EI062	VEENA M B
44	1RV17EI063	VINAY BALAMURALI
45	1RV17EI064	AAYUSHII GOSWAMI
46	1RV18EI405	MEGHANA D R
47	1RV18EI406	NAGARJUN M G
48	1RV18EI408	STEPHANIA VAS
49	1RV18EI409	VARUN P

Branch: Industrial Engineering and Management

Sl.No.	USN	Name
1	1RV15IM018	GAURAV PRABHU
2	1RV15IM047	SHARATHYADAV N
3	1RV16IM070	PRATHIKSHA BHUVANESHWARI B
4	1RV17IM002	IMPANA N
5	1RV17IM003	AIMAN FATHIMA K
6	1RV17IM004	ANEESHA PAL
7	1RV17IM005	ANMOL GUPTA
8	1RV17IM006	ANNAPURNI SUBRAMANIAN
9	1RV17IM008	AVNISH AAKARSH
10	1RV17IM010	CHIRAG SIDDARTH DADALA
11	1RV17IM011	CHIRANTH A M
12	1RV17IM013	DECHAMMA K K
13	1RV17IM014	DEEPTHI B KEDILAYA

14	1RV17IM015	DEEPTHI GALAGALI
15	1RV17IM022	KASIREDDY VENKATA JAYANTH REDDY
16	1RV17IM023	KAVYA C
17	1RV17IM024	KEERTHAN JINARAJ YERMAL
18	1RV17IM026	KSHITIJ SHARMA
19	1RV17IM027	KUSHAL M
20	1RV17IM029	LAKSHITA SUBRAMANYAM
21	1RV17IM030	LEELA MAUNIKA TALLURI
22	1RV17IM032	MAITHREYI PEJATHAYA
23	1RV17IM034	MOHITH C G
24	1RV17IM035	MONISH SINGHAL
25	1RV17IM036	NAVYA V S
26	1RV17IM037	NIKHIL NANDHA V
27	1RV17IM038	NIKITHA A P
28	1RV17IM039	P K MANJESH GANAPATHY
29	1RV17IM040	PRANAV DOMINIC RAPHAEL
30	1RV17IM041	PRASANNA SHENOY A
31	1RV17IM042	PRASHANTH NARASIMHA REDDY
32	1RV17IM043	PRERAN MANJUNATH
33	1RV17IM044	PRUTHVIRAJ T N
34	1RV17IM046	S G AMIT BHAT
35	1RV17IM047	SAGRIKA AGRAWAL
36	1RV17IM049	SANJANA HEMARAJU
37	1RV17IM051	SHIVAKUMAR M D
38	1RV17IM054	SHUBHAM KUMAR
39	1RV17IM055	SUBHAM GARG
40	1RV17IM056	SUMA MIRJI
41	1RV17IM058	SURAJ DROLIA
42	1RV17IM059	SURYA ANANTH
43	1RV17IM061	VANDITA RAJEEV
44	1RV17IM063	VEERESHA B
45	1RV17IM064	RISHA J PATIL
46	1RV17IM409	VARUNKUMAR J M
47	1RV18IM401	DHANRAJ R
48	1RV18IM402	EKAMBAR A GHORPADE
49	1RV18IM403	MADHUSUDHANA K
50	1RV18IM405	MIR MOHAMMED JUNAID BASHA
51	1RV18IM406	REVANTH S
52	1RV18IM407	RUSHAB B
53	1RV18IM409	SONALI TUKARAM WANI

Branch: Information Science and Engineering

Sl.No.	USN	Name
1	1RV16IS017	IMPANA N

2	1RV16IS020	K J BHOOMIKA
3	1RV16IS021	KARAN SAWHNEY
4	1RV16IS056	SUJAY S
5	1RV17IS001	ABHA ANAND B
6	1RV17IS002	ABHISHEK NAGPAL
7	1RV17IS003	ADARSH AGRAWAL
8	1RV17IS004	ADITYA A ILLUR
9	1RV17IS005	ANANYA K V S
10	1RV17IS006	ANUPAMA P
11	1RV17IS007	ATUL RANJAN SHIPU
12	1RV17IS008	CHIRAG R SHETTY
13	1RV17IS009	DEVASHISH AGARWALA
14	1RV17IS010	HARITH L K
15	1RV17IS011	JAYANTH G
16	1RV17IS012	JAYATI GOYAL
17	1RV17IS013	K VADHI RAJA
18	1RV17IS014	KARTIKEY BHALLA
19	1RV17IS015	KIRAN RAVI HEGDE
20	1RV17IS016	KULIN GALUNDIA
21	1RV17IS017	LIKITHA P
22	1RV17IS018	MANASVIN A
23	1RV17IS019	MANSI AGRAWAL
24	1RV17IS020	MANVENDRA SINGH CHHAJERH
25	1RV17IS021	MOHAMMED ASIF
26	1RV17IS023	MUTHE SRI ANIRUDH
27	1RV17IS024	N PRAHALAD
28	1RV17IS025	NAVYASHREE A M
29	1RV17IS026	PRANAVA B
30	1RV17IS027	PRANAVA BHAT
31	1RV17IS028	PRIYANGSHU PAL
32	1RV17IS029	R O SUGAM KUMAR
33	1RV17IS030	RAGHAVENDRA J C
34	1RV17IS033	ROHITH S YADAV
35	1RV17IS034	SAGAR RAJU SHET
36	1RV17IS035	SAKSHAM GARG
37	1RV17IS036	SAMARTH RAO
38	1RV17IS037	SAMPAN S NAYAK
39	1RV17IS038	SHAMBHAVI MAURYA
40	1RV17IS039	SHASHANK BAIRY R
41	1RV17IS040	SHEIKH SHEHZAD AHMED
42	1RV17IS041	SHREESHA SAGAR
43	1RV17IS042	SHREYAS S
44	1RV17IS044	SHUBHAM SINHA
45	1RV17IS045	SIDDAGANGU S

46	1RV17IS046	SIDDHARTH SHARMA
47	1RV17IS047	SIDDHARTHA SEN
48	1RV17IS048	SONAL S R
49	1RV17IS049	SUDARSHAN
50	1RV17IS050	SUMUKHA K R
51	1RV17IS051	SURYA S
52	1RV17IS052	SUSHMA G
53	1RV17IS054	UTKARSH SINGH
54	1RV17IS055	VIKAS BABU NAIK
55	1RV17IS056	VINANTH S BHARADWAJ
56	1RV17IS058	VISMITHA N
57	1RV17IS059	VIVEK KEKUDA T U
58	1RV17IS060	YASH VERMA
59	1RV17IS061	YASHASH H L
60	1RV17IS063	MOHAMMAD HANAN BHAT
61	1RV17IS064	NADHIEM LATIEF
62	1RV17IS065	GOVARDHAN N
63	1RV17IS066	VIBHANSHI MODI
64	1RV17IS067	PRIYA MINOCHA
65	1RV17IS401	DARUNYA B C
66	1RV17IS410	SURAJ S
67	1RV18IS402	HARSHITHA H N
68	1RV18IS403	JEEVAN J
69	1RV18IS404	M BHASKAR
70	1RV18IS405	MEGHASHREE M
71	1RV18IS406	NAVEEN KUMAR R
72	1RV18IS408	POOJA SP
73	1RV18IS409	PRANAV SHASTRI
74	1RV18IS410	RAJESH B
75	1RV18IS411	SURAKSHA S S

Branch: Mechanical Engineering

Sl.No.	USN	Name
1	1RV14ME036	Dushyanth S
2	1RV15ME007	Adil Abdul Majeed
3	1RV16ME068	NIKHIL R MOREY
4	1RV16ME142	SOURAV PANDEY
5	1RV17ME001	ABHIJIT V
6	1RV17ME002	ABHINAV ACHARYA
7	1RV17ME003	ABHISHEK HOLKAR
8	1RV17ME004	ABHISHEK MAHESH SHARMA
9	1RV17ME005	ABHISHEK PATIL
10	1RV17ME006	ADITYA SUBRAMANIAN
11	1RV17ME007	AFNAN ULLA KHAN

12	1RV17ME009	AKHEEL AHMED SIDDIQUI
13	1RV17ME010	AKHIL GOTKHINDI
14	1RV17ME012	ANANTHAKRISHNAN R
15	1RV17ME013	ANIRUDH K MOHARE
16	1RV17ME014	ANKITH ANABERU
17	1RV17ME015	ANSHUMAN GROVER
18	1RV17ME017	B S CHANDAN
19	1RV17ME018	B UTKARSH
20	1RV17ME020	BHAGYESH CHOUDHARY
21	1RV17ME022	CHANDRACHUD BHADBHADE
22	1RV17ME023	CHITHARANJAN G
23	1RV17ME024	DAKSH MEHTA
24	1RV17ME025	DHANANJAY ADITYA V
25	1RV17ME027	DHEERAJ OMPRASAD
26	1RV17ME028	DHEERAJ U
27	1RV17ME030	GANESHRAJ SIRASANGI
28	1RV17ME032	GONDI RAHUL
29	1RV17ME033	GOPALKRISHNA C PAI
30	1RV17ME035	GURUPRASAD JOSHI
31	1RV17ME036	GWALANI PUNIT NARESH
32	1RV17ME037	HARSHITH GOWDA S
33	1RV17ME039	K AKHIL ROUT
34	1RV17ME040	K GUNADEEP SAI TEJA
35	1RV17ME041	K SUBHENDRA S RAO
36	1RV17ME042	K VISHAL RAJ
37	1RV17ME043	KALMESH GANESH HUGAR
38	1RV17ME044	KALMESH NAGANOOR
39	1RV17ME046	KARTIK SHARMA
40	1RV17ME047	KAUSTHUB INGUVA
41	1RV17ME048	KIRAN B BABUSHETTY
42	1RV17ME049	KIRANKUMAR R
43	1RV17ME050	KIRAT SINGH CHAWLA
44	1RV17ME051	KIREETI KRISHNAPPA
45	1RV17ME052	KRISHNAKUMAR R PANDIT
46	1RV17ME055	M RITHIK REDDY
47	1RV17ME056	MAHADEV J
48	1RV17ME060	MOHAMMED INTHIYAZ S
49	1RV17ME061	MOHAMMED SHIRAN
50	1RV17ME062	MUKUND RANGANATHA ACHAR
51	1RV17ME063	NAGARAJU RAJA RAGHURAM SRINIVAS VARMA
52	1RV17ME064	NAGRALE KAUSHIL SUNIL
53	1RV17ME065	NITHIN CHANDRA KODALI
54	1RV17ME066	NITHISHKUMAR D K
55	1RV17ME067	NIVEDH DAS THAIKOOTTATHIL

56	1RV17ME068	OHILESH G R
57	1RV17ME069	PATIL GURUPRAKASH
58	1RV17ME070	PAVANKUMAR BHIMASHANKAR RASOOR
59	1RV17ME071	PAVANKUMAR R BALEKUNDRI
60	1RV17ME072	PIYUSH SARAF
61	1RV17ME073	POORNESH N
62	1RV17ME076	PRANAV NAG P S
63	1RV17ME081	RAHUL NAIK
64	1RV17ME082	RAHUL V
65	1RV17ME083	RAKESH
66	1RV17ME084	ROHAN R KINI
67	1RV17ME085	ROMIN MANOJ CHITTETTU
68	1RV17ME086	ROOPAK N
69	1RV17ME089	SACHIN BADIGER
70	1RV17ME090	SACHIN CHANDRAPPA CHAVAN
71	1RV17ME091	SADANANDA
72	1RV17ME092	SAGAR L
73	1RV17ME093	SAGAR R YALIGAR
74	1RV17ME094	SAINNATH P V
75	1RV17ME095	SAMARTH DHADUTI
76	1RV17ME097	SAQLAIN SHARIFF
77	1RV17ME098	SARTHAK GUPTA
78	1RV17ME100	SHABBIR HUSSAIN
79	1RV17ME103	SHOUNAK DEY
80	1RV17ME104	SHREYA N H
81	1RV17ME106	SHREYAS J SANIL
82	1RV17ME107	SHREYAS M R
83	1RV17ME109	SIDDHARTH SRIKANTH
84	1RV17ME110	SIDHANT KONWAR ROY
85	1RV17ME111	SOURABH DATTADIGAMBAR PATIL
86	1RV17ME112	SUCHETH SHENOY
87	1RV17ME113	SUSHANT S JOSHI
88	1RV17ME115	T CHETAN KUMAR REDDY
89	1RV17ME118	THARUN L
90	1RV17ME119	THEJASWI V
91	1RV17ME121	UTKARSHA MOHAN
92	1RV17ME122	VIGNESH R B
93	1RV17ME123	VIKAS BALU P G
94	1RV17ME124	VIKHYAT J K
95	1RV17ME125	VISHWA V BHAT
96	1RV17ME127	ISHAAN SINGH
97	1RV17ME129	NILIMESH DAS
98	1RV17ME130	ADVAIT PARAMESWARAN
99	1RV17ME131	ABHAY AGARWAL

100	1RV17ME132	ARJUN SIDDHARTH MANGALASSERI
101	1RV17ME133	RAUNAK AGARWAL
102	1RV17ME134	SUNALI S
103	1RV17ME135	G ABHISEKH
104	1RV17ME136	KASHYAP G RAO
105	1RV17ME137	ADARSH AGARWAL
106	1RV17ME138	AKEPATI LOKESHWAR REDDY
107	1RV17ME139	TARUN M SAMBRANI
108	1RV17ME140	M BHARADWAJ
109	1RV17ME141	T N SHREYAS
110	1RV17ME142	ABHISHEK R
111	1RV17ME143	GIRISH K H
112	1RV18ME400	A K ANANTHKUMAR
113	1RV18ME401	ABHISHEK G K
114	1RV18ME402	ANJALI S
115	1RV18ME404	DARSHAN KUMAR
116	1RV18ME405	DHEERAJ KAKADE B K
117	1RV18ME406	GAGAN H N
118	1RV18ME407	JOTIBA PATIL
119	1RV18ME408	KARTHICK K
120	1RV18ME409	LAKSHMI SAGAR REDDY
121	1RV18ME410	MADHU CHARAN P
122	1RV18ME412	MD ARIF
123	1RV18ME413	NIKHIL POTDAR
124	1RV18ME414	NIRANJAN R PATEL
125	1RV18ME415	OMAR ZAKIR
126	1RV18ME416	OMKAR GOYAREKAR
127	1RV18ME418	RAHUL PATIL
128	1RV18ME419	SACHIN
129	1RV18ME421	SHRIDHAR G
130	1RV18ME422	SHRINIVASA K R
131	1RV18ME423	VISHAL GOULI

Branch: Telecommunication Engineering

Sl.No.	USN	Name
1	1RV16TE013	E SHREYAS
2	1RV16TE018	KEERTHI VIJAY
3	1RV16TE054	SUPRIYA RANI
4	1RV17TE001	ADITHI PRASAD
5	1RV17TE002	ADITI SESHADRI
6	1RV17TE004	ADITYA SWARUP
7	1RV17TE005	AJEET S
8	1RV17TE006	AMBATI OM SRI HARSHA
9	1RV17TE008	ANANYA MAIYA

10	1RV17TE009	ANUJ JAIN
11	1RV17TE012	CHANDANA KIRAN AMBEKAR
12	1RV17TE015	DHAMINI B S
13	1RV17TE016	DHEERAJ B S
14	1RV17TE017	G R NAMITA
15	1RV17TE018	HRITHIK AGARWALA
16	1RV17TE019	KAVERI PATIL
17	1RV17TE021	MANASA BURAVALLI
18	1RV17TE022	MANAV HIREN SHETH
19	1RV17TE023	MARIA BENCY
20	1RV17TE024	MEGHANA G
21	1RV17TE025	MOHITH M
22	1RV17TE027	NIKHIL K J
23	1RV17TE028	NIRMAL JAIN C M
24	1RV17TE029	P SATHYANARAYANA
25	1RV17TE030	PRADHYUMNA P
26	1RV17TE032	PRADYUMNA S K
27	1RV17TE033	PRASHANT PANDEY
28	1RV17TE035	PRIYANKA HOLLA B G
29	1RV17TE036	PUTLUR SATYA NARAYANA REDDY
30	1RV17TE037	R BHARATH
31	1RV17TE038	R PRUTHU
32	1RV17TE039	R V SWATHI PRIYA
33	1RV17TE040	RINITHA S
34	1RV17TE042	ROHIT KULKARNI
35	1RV17TE043	ROHITH M
36	1RV17TE044	SAHANA GANGADHARAIAH
37	1RV17TE045	SAMANA H MANAGOLI
38	1RV17TE046	SHASHANK SHRIVASTAVA
39	1RV17TE049	SHREYA DONTHI
40	1RV17TE050	SHREYA G P
41	1RV17TE051	SHRIYA TATACHAR
42	1RV17TE052	SHWETHA R PRASANNA
43	1RV17TE054	SNEHA JAIN PATNI
44	1RV17TE055	SPOORTHI G
45	1RV17TE056	SYED UMAR
46	1RV17TE057	TEJASWINI K
47	1RV17TE058	VAISHNAVI GIRIDHAR
48	1RV17TE059	VELURI SAI TEJA
49	1RV17TE061	VIBHAV SHRIVATSA DINESH
50	1RV17TE062	YATHISHA T S
51	1RV17TE064	VARADI RAJESH
52	1RV17TE065	NIPUN BAHETI
53	1RV17TE411	SHEETHAL K

54	1RV18TE405	MURARI REDDY T
55	1RV18TE406	ROHITH KUMAR R
56	1RV18TE410	UMESH PARAMESHWAR NAIK

List of Graduands-2021 (M.Tech)

Branch: Bio-Medical Signal Processing & Instrumentation

Sl.No	USN	NAME
1	1RV19LBI02	ANIMITA DAS
2	1RV19LBI04	HEMANTH KUMAR R

Branch: Biotechnology

1	1RV19BBT01	ANUSHAA A
2	1RV19BBT02	ALICE PREETHI K
3	1RV19BBT03	DRATHI U K
4	1RV19BBT04	JAYASHREE KAMARADDI
5	1RV19BBT05	PAVITHRA K S
6	1RV19BBT07	SHAMBHAWI SINGH
7	1RV19BBT09	VEENA S

Branch: Computer Integrated Manufacturing

1	1RV19MCM09	SANATH N
2	1RV19MCM10	SHREYAS RAMESH MODAK
3	1RV19MCM11	SWATHI R
4	1RV19MCM13	V YATISH KUMAR

Branch: Computer Network & Engineering

1	1RV19SCN01	ANUSHA L
2	1RV19SCN02	APOORVA G O
3	1RV19SCN03	APOORVA H P
4	1RV19SCN04	BHAVATHARANE K
5	1RV19SCN05	CHAITALI SIDDARAM PATIL
6	1RV19SCN06	GANAPATSA KALBURGI
7	1RV19SCN07	GURUNATHREDDY MALIPATIL
8	1RV19SCN08	MEGHANA G MAHENDRAKAR
9	1RV19SCN09	NAVANEETHA M
10	1RV19SCN11	PRIYA SATISH
11	1RV19SCN12	SANTHOSH M S
12	1RV19SCN13	SNEHA BOSE
13	1RV19SCN14	SURESH K C
14	1RV19SCN15	SUSHMA S KAGALKAR
15	1RV19SCN16	TEJASHWINI DEVARAJ ARAKERI
16	1RV19SCN17	VEENA PAMMAR
17	1RV19SCN18	VIJAYALAXMI S HUDDAR

Branch: Computer Science Engineering

1	1RV19SCS01	ABHIJNA B N
2	1RV19SCS02	AKSHATA KHASGE
3	1RV19SCS03	ANAM FATHIMA
4	1RV19SCS04	ARPITHA V
5	1RV19SCS05	BHAVYA M R
6	1RV19SCS06	IQRA MEHMEEN
7	1RV19SCS07	K N PRATHIK
8	1RV19SCS08	KAMBLE NAMITA MOHAN
9	1RV19SCS09	KEERTHISH C SHETTAR
10	1RV19SCS10	M S SUPRITA
11	1RV19SCS11	PATIL AISHWARYA SHARAN BASSAPPA
12	1RV19SCS12	ALLURI ROOPESH PADMARAJU
13	1RV19SCS13	SOURABHA M
14	1RV19SCS14	SRIRAKSHA N
15	1RV19SCS15	T KISHAN SINGH
16	1RV19SCS16	TEJAMALLIK K S
17	1RV19SCS17	VASUPRADA U
18	1RV19SCS18	WAKCHAURE ABHISHEK KALYAN

Branch: Communication System

1	1RV19LCS01	ABHILASH K S
2	1RV19LCS03	APEKSHA DESHPANDE
3	1RV19LCS04	GAYATHRI G
2	1RV19LCS08	POOJA
4	1RV19LCS11	ROHINI G BHATKOORSE
5	1RV19LCS12	SAMANVITA S
3	1RV19LCS14	SRINIVAS V N
6	1RV19LCS15	SWATHI R

Branch: Digital Communication

1	1RV19LDC03	B HEMA PRIYA
2	1RV19LDC04	C ANKITA
3	1RV19LDC06	CHARAN KUMAR A M
4	1RV19LDC07	DEEKSHA
5	1RV19LDC08	DEEPTHI DATTA
6	1RV19LDC09	DHANYA S KARANTH
7	1RV19LDC11	K S KEERTHI
8	1RV19LDC14	MAHESH KURTKOTI
9	1RV19LDC15	MANASA K
10	1RV19LDC20	NIVEDITHA R
11	1RV19LDC22	PUSHPA LAKSHMI JAYARAMAIAH
12	1RV19LDC23	RANI R N
13	1RV19LDC24	RASHMI B S
14	1RV19LDC25	RASHMI REDDY K
15	1RV19LDC26	SHREEVIDYA S
16	1RV19LDC27	SHRINIDHI G HEGDE
17	1RV19LDC28	SUMAN SHEKHAR A
18	1RV19LDC30	SUPRIYA A

Branch: Highway Technology

1	1RV19CHT02	AKSHATA BADIGER
2	1RV19CHT03	AMBARESHA K B
3	1RV19CHT04	ARUNKUMAR D S
4	1RV19CHT07	BHAVANI PRASAD G
5	1RV19CHT09	DILEEP KUMAR C B
6	1RV19CHT11	KULDEEP
7	1RV19CHT15	SHAKEEB AHMED SAWAR

Branch: Information Technology

1	1RV19SIT01	ACHALA N GOWDA
2	1RV19SIT02	APOORVA K R
4	1RV19SIT04	CHANDANA E P
5	1RV19SIT05	MOULYA D M
6	1RV19SIT06	POOJA B
7	1RV19SIT08	R PRAJNA
8	1RV19SIT09	RENUKA M AVERI
9	1RV19SIT10	SAHANA Y S
10	1RV19SIT11	SAMRUDDHI P K
11	1RV19SIT12	SHASHANK V
12	1RV19SIT13	SNEHA SHARANAPPA MUSTI
13	1RV19SIT14	SUMAN M J
14	1RV19SIT15	SUPREETHA A SHETTY
15	1RV19SIT16	T S HARSHITHA
16	1RV19SIT17	YASHASWINI H R
17	1RV19SIT18	ZUTTI VINAYAK SHIVSHANKAR

Branch: Radio Frequency & Microwave Engineering

1	1RV19LRF02	KM ARCHANA SINGH
2	1RV19LRF03	MANISHA
3	1RV19LRF04	NAMRATA MARIGOUDAR
4	1RV19LRF05	NISHANTH PARAMESH
5	1RV19LRF06	PRUTHWI K

Branch: Machine Design

1	1RV19MMD06	ARUN R
2	1RV19MMD10	MAHENDRA PS
3	1RV19MMD18	VIKRAMADITYA

Branch: Power Electronics

1	1RV19EPE02	ASHOK KUMAR K M
2	1RV19EPE03	BHARATH B R
3	1RV19EPE04	LAXMI METAGUDD
4	1RV19EPE05	MADHURI BALASAHEB PASARE
5	1RV19EPE06	MANASA R
6	1RV19EPE08	NAVYASHREE C K
7	1RV19EPE09	PAVITHRA B

8	1RV19EPE10	PRIYANKA V V
9	1RV19EPE12	SAHARA PATIL
10	1RV19EPE13	SHIVARAMAN S
11	1RV19EPE14	SHREEYAS PRAVIN S
12	1RV19EPE15	SHWETA PURANIKMATH
13	1RV19EPE16	SHWETHA A

Branch: Product Design & Manufacturing

1	1RV19MPD02	ABDUL RAHMAN FAISAL
2	1RV19MPD04	AJIT DUNDAPPA CHACHADI
3	1RV19MPD05	ANIKET CHAKRABORTHY
4	1RV19MPD09	DARSHAN S
5	1RV19MPD13	H M BALAJI DARSHAN
6	1RV19MPD14	INDIRA ROY
7	1RV19MPD16	KAMALESHR
8	1RV19MPD21	MD SAAD PATEL
9	1RV19MPD23	MOHAN M
10	1RV19MPD26	PREETAM KUMAR HIROLI
11	1RV19MPD28	SOURABH SHRINIVAS JOSHI
12	1RV19MPD31	SUPRITH M B
13	1RV19MPD33	SYEDA ANJUM
14	1RV19MPD35	VIJAY KUMAR P

Branch: Software Engineering

1	1RV17SSE17	VAGMI ACHARYA
3	1RV19SSE02	AISHWARYA S
5	1RV19SSE04	ANUSHA D
6	1RV19SSE05	BHARATH M S
7	1RV19SSE06	DEEPIKA R
9	1RV19SSE08	GAURAV DHINGRA
10	1RV19SSE09	KARTHIK VAS S
11	1RV19SSE10	MANASA CHANDRASHEKAR
12	1RV19SSE11	MONISHA K NAIK
13	1RV19SSE12	NADINE V ALEXANDRINE
14	1RV19SSE13	NITHIN SRIVATSA K Y
16	1RV19SSE15	SACHIN PRAKASH
18	1RV19SSE17	SAHANA YOGANAND

Branch: Structural Engineering

1	1RV19CSE01	ADITHYA S N
2	1RV19CSE10	PAVAN KUMAR R
3	1RV19CSE11	PAWAN KUMAR
4	1RV19CSE12	PRABHU KUMBAR
5	1RV19CSE15	SHUBHAM HAMPANNA KARATAGI
6	1RV19CSE17	VEERESH N HIREMATH
7	1RV19CSE18	YATHISH N V

Branch: VLSI Design & Embedded System

1	1RV19CSE01	ADITHYA S N
2	1RV19CSE10	PAVAN KUMAR R

3	1RV19CSE11	PAWAN KUMAR
4	1RV19CSE12	PRABHU KUMBAR
5	1RV19CSE15	SHUBHAM HAMPANNA KARATAGI
6	1RV19CSE17	VEERESH N HIREMATH
7	1RV19CSE18	YATHISH N V

List of Graduands -2021 (MCA)

Sl.No	USN	NAME
1	1RD18MCA01	ADITYA RAJ
2	1RD18MCA02	AJITH NAIK
3	1RD18MCA03	AKASH HEBBAR P
4	1RD18MCA04	AKHIL S
5	1RD18MCA05	ANSHIKA PRIYA
6	1RD18MCA06	APURWA
7	1RD18MCA07	ARUN G A
8	1RD18MCA08	CHIRAGKASHYAP M
9	1RD18MCA09	DEVAKI JAGANNATH TERDAL
10	1RD18MCA10	IRAMMA S HIREGOUDRA
11	1RD18MCA11	JOJODE YESWANTH
12	1RD18MCA12	JYOTHI KULKARNI
13	1RD18MCA13	JYOTI
14	1RD18MCA14	K VAIBHAVI
15	1RD18MCA15	KARTHIK N K
16	1RD18MCA16	PAVAN S
17	1RD18MCA17	THIKSHAYA M
18	1RV18MCA01	ABHIJEET SINGH
19	1RV18MCA02	ADARSH KUMAR
20	1RV18MCA03	AJAY D K
21	1RV18MCA04	AMRUTA SHANKAR CHADICHAL
22	1RV18MCA05	ANKITA TUKARAM PATIL
23	1RV18MCA06	ANUJNA P RAO
24	1RV18MCA07	ARPITA MANOJ CHIKKODI
25	1RV18MCA08	ARUNIMA JAISWAL
26	1RV18MCA09	ASHOK R V
27	1RV18MCA10	BAVYASRI V
28	1RV18MCA11	BRUNDA K T
29	1RV18MCA12	KAMBAR PRIYANKA
30	1RV18MCA13	KARTHICK B
31	1RV18MCA14	KRISHNA SHAH
32	1RV18MCA15	KRITI RAJ
33	1RV18MCA16	KRUTIKA BASAVARAJ LAKKAPPAGOL
34	1RV18MCA17	MAMTHA T
35	1RV18MCA18	MANASA R
36	1RV18MCA19	MANOJ KHOTAKAR M
37	1RV18MCA20	MINNA ELIZABATH JOSHY
38	1RV18MCA21	MOHAMMED SHARIEF
39	1RV18MCA22	NAGOLU KOTESWAR REDDY
40	1RV18MCA23	NANDAN GOWDA
41	1RV18MCA24	NAVYA M
42	1RV18MCA25	NAYANA G
43	1RV18MCA26	NETRAVATI

44	1RV18MCA27	NIDHI R SHENVI
45	1RV18MCA28	NISHCHITA RAMADAS NAYAK
46	1RV18MCA29	NITESH KUMAR
47	1RV18MCA30	PRAGYA PRIYADARSHNI
48	1RV18MCA31	PRAJWAL P BHAT
49	1RV18MCA32	PRATIM SEN
50	1RV18MCA33	PROLAY SAHA
51	1RV18MCA34	PUSHKARA A
52	1RV18MCA35	RAKSHIT P
53	1RV18MCA36	RAKSHIT SADANAND BHAT
54	1RV18MCA37	RANJITHA B B
55	1RV18MCA38	RAVICHANDRA H N
56	1RV18MCA39	RUKESH K R
57	1RV18MCA41	SAGAR M S
58	1RV18MCA43	SAHIL BHASIN
59	1RV18MCA44	SAKINA KANCHWALA
60	1RV18MCA45	SANDESH S HEGDE
61	1RV18MCA46	SHWETA MARANDI
62	1RV18MCA47	SONIYA D
63	1RV18MCA48	TANUJA KUMARI
64	1RV18MCA49	VIKRANTHA T S
65	1RV19MCA50	AAYUSHI RAKESH
66	1RV19MCA51	AKSHAY KUMAR P S
67	1RV19MCA52	MANISH M
68	1RV19MCA53	MEGHANA P
69	1RV19MCA54	MEHABOOBPASHA
70	1RV19MCA55	NUTAN SONALE T V
71	1RV19MCA56	SANTHRA K JOY
72	1RV19MCA57	SIDDARTH SHANTVEER MANDI
73	1RV19MCA58	SNEHA K
74	1RV19MCA59	VAIBHAVI P PONARKAR
75	1RV19MCA60	VIJETH M S
76	1RZ18MCA01	VIVINADHITYA A M
77	1RZ18MCA02	AKSHAY C PENDNEKAR
78	1RZ18MCA03	ANKIT AMAN
79	1RZ18MCA04	BAHUBALI ASHOK KURALI
80	1RZ18MCA05	BHAVIKA VASANDANI
81	1RZ18MCA06	BLOSSOM SAVIOUR
82	1RZ18MCA08	CHETAN PAVATE
83	1RZ18MCA09	DATAR PRIYANKA MILIND
84	1RZ18MCA10	DHANUSH S
85	1RZ18MCA11	FERNANDES MACKLON ROSHVIN
86	1RZ18MCA12	GANESH S BHAT
87	1RZ18MCA13	HANSEN QUADROS
88	1RZ18MCA14	HARSHITH KUMAR K
89	1RZ18MCA15	HEMANTH VARMA B H
90	1RZ18MCA16	JYOTSNA UDAY SWAMI
91	1RZ18MCA17	MOHAMMAD MUZEEB NADAF
92	1RZ18MCA18	NILAY KUMAR
93	1RZ18MCA19	POORNACHANDRA C M
94	1RZ18MCA20	RAJESH G
95	1RZ18MCA21	REETESH KUMAR

96	1RZ18MCA22	SAMSKRUTHI S PATIL
97	1RZ18MCA23	SANJANA S
98	1RZ18MCA24	SHAKUNTHALA N
99	1RZ18MCA25	SHAMINAZ
100	1RZ18MCA26	SHIKHA PRAKASH GITTE
101	1RZ18MCA27	SHILPA G
102	1RZ18MCA28	SHRIKANTH
103	1RZ18MCA29	SHRUTI KUMARI
104	1RZ18MCA30	SHUBHAM GUPTA
105	1RZ18MCA31	SINCHANA KARNAWADI
106	1RZ18MCA32	SOHAIL HUSSAIN
107	1RZ18MCA33	SOWBHAGYA S
108	1RZ18MCA34	SUCHETA SHREERAM BHAT
109	1RZ18MCA35	SUMAN KUMARI
110	1RZ18MCA36	SUMANTH SHARMA
111	1RZ18MCA37	SUNIL KUMAR S H
112	1RZ18MCA38	SUNNY KUMAR
113	1RZ18MCA39	SWARNENDU GAYEN
114	1RZ18MCA40	SWARUP KUMAR GUPTA
115	1RZ18MCA41	UMANG KUMAR GUPTA
116	1RZ18MCA42	VAISHNAVI N
117	1RZ18MCA43	VAISHNAVI V
118	1RZ18MCA44	VARSHITHA G
119	1RZ18MCA45	VARUN KUMAR V
120	1RZ18MCA46	VARUN NAIK
121	1RZ18MCA47	VIBIN JOHN
122	1RZ18MCA48	VIDYA SHANBHAG
123	1RZ18MCA49	VISHWANATH M

RV College of Engineering, Bengaluru-59.

Proceedings of the 33rd Academic Council Meeting held on 21st July 2022

Members Present:

1. Dr. K.N. Subramanya – Chairperson	19. Dr. G. Jayalatha – I/c. HoD, MAT
2. Dr. K.S. Geetha – Vice Principal	20. Dr. N.S. Narahari – IEM
3. Dr. R.S. Kulkarni – HoD, ASE	21. Dr. KVS Rajeshwara Rao – IEM
4. Dr. B. Satish Babu – HoD, AI&ML	22. Dr. B. Renuka Prasad – MCA
5. Dr. Vidya Niranjan – HoD, BT	23. Dr. Ramesh S. Sharma – MCA
6. Dr. Vinod Kallur – HoD, CH	24. Dr. G. Shireesha – PHY
7. Dr. P. Ramakanth Kumar – HoD, CSE	25. Dr. M.V. Renukadevi – CV
8. Dr. Radhakrishna – HoD, CV	26. Dr. Rajashree Shettar – CSE
9. Dr. Ravish Aradhya – I/c. HoD, ECE	27. Dr. K.V. Padmaja – EIE
10. Dr. S.G. Srivani – I/c. HoD, EEE	28. Dr. H.D. Gopalakrishna – ME
11. Dr. C.H. Renumadhavi – HoD, EIE	29. Dr. R. Suresh – CH
12. Dr. K. Sreelakshmi – HoD, ETE	30. Dr. G.S. Nagaraja – CSE
13. Dr. B.M. Sagar – HoD, ISE	31. Dr. G.S. Mamatha – ISE
14. Dr. C.K. Nagendra Gupta – HoD, IEM	32. Dr. A.V. Narayan - BT
15. Dr. H.N. Narasimhamurthy – I/c. HoD, ME	33. Dr. H.V. Kumaraswamy - ETE
16. Dr. Andre Dharani – Director, MCA	34. Dr. G. Sadashivappa - CoE
17. Dr. M.K. Sudhakamath – HoD, PHY	35. Dr. B.V. Uma – Dean (SA)
18. Dr. Raviraj Kusanur – HoD, CHY	36. Dr. N. Shanmukha – Member Secretary

External Members:

1) Dr. K.P. Shivananda – Principal, SITP-Tumkur	2) Dr. H.S. Prabhakara- Dean Operations, NCE-Hassan
3) Dr. M.H. Kori – Retd. Tech. Director, Alcatel Lucent Technologies	

Leave of Absence:

1) Dr. Rajshekara Malur, TCS
2) Dr. Mathiarajan IISc
3) Dr. Kavi Mahesh, IIIT-Dharwad
4) Dr. Ravindra R - CV

The Chairman welcomed all the members.

Sub. No. 266: To read and record proceedings of the 32nd Academic Council Meeting (Online) held on 28.8.2021 & Action Taken Report.

The Chairman briefed about the proceedings of 32nd Academic Council Meeting held on 28.7.2022 and Action Taken Report thereon. Since no comments were raised. The proceedings and action taken report were read and recorded.

Sub. No. 267: Information on the activities of RVCE.

The Chairman highlighted on institution activities carried out through a presentation. The external experts congratulated and appreciated the institution, faculty and staff for the excellent work.

Dr. Kori suggested to explore the feasibility of conducting virtual lab. Sessions in all the departments.

Dr. Prabhakara suggested that ISE dept. could look at inclusion of CCNA in Skill Lab. for students.

The Chairman also briefed the Council that RVCE has presented a poster during the IUCEE Annual Summit held at Goa from 8th to 10th July 2022 and it was very well appreciated by all the participants.

Sub. No. 268 **To approve the Scheme and Syllabus of II-year B.E. Programs of 2021 scheme.**

and

Sub. No. 269 **Discussion on Scheme of V to VIII Sem. B.E. programs of 2021 scheme.**

Chairpersons of various departments explained the scheme of III to VIII Sem. B.E programs of 2021 scheme.

Dr. Prabhakara enquired is there any restriction on students to join for Sports, NSS, NCC as per VTU.

Following are the suggestions made by the external experts.

a) **UHV-2:** credit to be changed.

b) **Mathematics:** Prof. Shivananda suggested to include Applied and Classic Mathematics in 4th sem. Scheme. Dr. Kori suggested to rename Statistics & Probability for Data Science to Statistics and Probability for Data Analysis. He also suggested Linear Algebra basic concepts to be included in all branches.

c) **AI & ML** Prof. Shivananda sought distinguish between Computer Science & Engineering and AI&ML. The Chairman briefed that 70% courses are common in both programs, remaining 30% pertaining to specific program.

d) **ASE:** Dr. Kori suggested to change the title of Global G Elective – Optical Fibre Communication, which matches exactly to Aerospace Engineering course.
The Chairman opined that clustering of electives to be looked into and pre-requisites to be looked into while framing the syllabus.
The members also opined that local elective to be changed to Departmental Elective.

e) **BT:** External experts opined that Design and Instrumentation courses to be included in the program.

f) **CH:** IoT enabled courses to be included.

g) **CSE:** Dr. Prabhakara suggested to include Project Management and Financial Management in the curriculum.

h) **EC,EE,ET,EI:** Dr. Kori & Dr. Prabhakara suggested to accommodate Microwave & Antennas in the curriculum.

i) **EE:** Data structures to be moved as Electives and to include E-mobility in Core course.

j) **EIE:** Dr. Kori suggested to change the course title Printed Circuit Boards as Digital Humanities, which can be offered to all departments.

Resolution: After a detailed discussion, the Council approved the scheme of II year B.E. programs of 2021 scheme.

Sub. No. 270 **To approve the academic guidelines for 2021 scheme, as per the new VTU regulations.**

The Chairman briefed the academic guidelines for 2021 scheme, as per the new VTU regulations through a presentation.

ACADEMIC PLANNING

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- The curriculum is designed as per the Outcome Based Education (OBE) and shall include **General Engineering courses, Basic Science, Humanity & Social Sciences, Core Professional Engineering, Professional Electives and Global (Open) Electives and Minor/Major Project works & Internships.**
- Individual Board of Studies (BoS) for each department takes care of formation of **Scheme and Syllabus**. The same is approved by the **Academic Council (AC) of the Institution**. There shall be an equal emphasis on theory, practical / laboratory and workshops. **Emphasis is also given for Self-study & Experiential Learning.**
- All students have to undergo **Continuous Internal Evaluation (CIE)** which includes **TESTS, QUIZZES & EXPERIENTIAL LEARNING**. At the end of the semester, eligible students have to take **Semester End Examination (SEE)** for both theory and practical as per the scheme.
- Students declared as **Not Satisfied Attendance Requirements (NSAR) (In 2021 Guidelines it is termed as Not eligible-NE)** or **Not Satisfied Sessional Requirements (NSSR) (now termed as Not eligible-NE)** are not eligible to take up Semester End Examination (SEE) in that particular Course including laboratory, if any.

ACADEMIC CALENDAR

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CALENDAR OF EVENTS: Academic Calendar is prepared before the commencement of each academic year and published in the college website (www.rvce.edu.in) **/ Notice Board.**

College Timings:

Monday to Friday: 9:00 AM to 4:45 PM

Saturday : 9:00 AM to 1:45 PM (Only on 2nd,4th and 5th Saturday of the month)

NUMBER OF SEMESTERS / YEAR	**Two Main semesters (Odd & Even) and Supplementary semester (After IV and VIII Sem)**
SEMESTER DURATIONS (WEEKS)	**Main semesters (Odd & Even):19 Weeks each (16 Weeks of Academics & 03 Weeks of Exams)** **Supplementary semester : 10 Weeks (08 Weeks of Academics & One/Two weeks of Exams)**
SEMESTER REGISTRATION (MANADATORY)	Every student has to register in person at the beginning of every semester as per the notification issued by the office of the Dean Academics from time to time. Such students who do not register within **ONE WEEK** from the date of commencement of the semester, shall not be eligible to take up that particular semester.

DROPPING OF COURSES

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a) **DROPPING OF THE COURSE:**

- A student can drop a course under the guidance of the counsellor/HoD/DA within the specified period as mentioned in the Academic Calendar, (normally in the beginning of any semester, **WITHIN THREE WEEKS**)
- The total credits **SHOULD NOT FALL SHORT OF 16 (SIXTEEN) CREDITS** which are the minimum number of credits to be registered per semester.
- **STUDENT MAY HAVE TO RE-REGISTER FOR THAT COURSE AFTER VIII SEMESTER OF THE PROGRAM.**
- The dropped courses are not recorded in the Grade Card & **will not be considered as an ATTEMPT.**

Note:

1. If a candidate drops a course, then, that particular course has to be taken up only in regular semester but not in Supplementary semester.
2. **THIS FACILITY IS NOT APPLICABLE FOR FIRST YEAR STUDENTS.**

WITHDRAWAL OF COURSES

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- A student may opt to withdraw from a course on or before the date specified **(NORMALLY ONE MONTH BEFORE THE END OF SEMESTER)** as per the calendar of events.
- Students have to submit an application through the HoD to Dean Academics, in consultation with HoD, Counsellor & the parent.
- The candidate should have fulfilled the attendance criteria (for the course/s that he / she wants to withdraw). The withdrawn course(s) are recorded in the Grade Card as **'W' GRADE. W GRADE IS TREATED AS AN ATTEMPT.** However, such withdrawals will be permitted without prejudice to the minimum number of credits as specified in rule book.
- Students, who have been declared **"W"** grade have to re-register during supplementary semester and earn both attendance & CIE and clear Semester End Examination.
- **THIS FACILITY IS NOT APPLICABLE FOR FIRST YEAR STUDENTS.**

ATTENDANCE REQUIREMENT

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a) It is mandatory to obtain attendance **minimum of 85%** in each course with a provision for condonation of 10% of the attendance by the Principal, RVCE for genuine reasons such as (i) **serious medical condition** or (ii) **representing the Institute / University /State /Nation in sports, cultural, technical or academic activity** with the permission of the Principal.

b) **Even in such cases, a minimum of 75% attendance is absolutely mandatory.**

TEMPORARY BREAK OF STUDY FROM THE PROGRAM

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- A student shall be permitted to withdraw temporarily from the program in the middle of the semester for valid reasons and wants to re-join the program later in respective semester, he / she shall apply for it with the permission from Dean Academics & the Principal, RVCE well in advance.
- Such application shall be submitted within **at least 6 weeks** of the commencement of the semester.
- If any candidate is detained for any reason, the period of detention shall not be considered as **'Break of Study'.**

CREDITS REQUIREMENT FOR BE PROGRAM

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The total number of credits required to be earned by students to qualify for the various Degree/Certificate programs are given in Table,

Program	Normal Duration Years (semesters)	Total No. of credits to be Earned (Average/Semester = 22)
UG Degree B.E	4 Years or 08 Semesters	**160 Credits**
UG Degree B.E (Lateral Entry, Students with Diploma)	3 Years or 06 Semesters	**120 Credits***

*** 40 Credits for the First Year B.E Programs common to all B.E. Programs**

INTERNAL ASSESSMENT & EVALUATION

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1. Assessment testing is done in two Components:

CIE & SEE.

1. CIE and SEE will have **EQUAL (50-50) WEIGHTAGE.**
2. A student's performance in a course is judged by considering the performance in both CIE and SEE.
3. An average course load of 22 credits per semester with its **minimum and maximum limits being fixed at 16 and 28 credits** respectively will be followed as per the recommendation of BoS and Academic Council.

INTERNAL EVALUATION SYSTEM

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	CIE	SEE
WEIGHTAGE	**50%**	**50%**
QUIZZES		
Quiz-I Quiz-I	Each quiz is evaluated for 10 marks adding up to **20 MARKS.**	*****
THEORY COURSE (Bloom's Taxonomy levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating)		
Test – I Test – II	Each test will be conducted for 50 Marks adding upto 100 marks. Final test marks will be reduced to **40 MARKS**	*****
EXPERIENTIAL LEARNING	40	*****
Case Study-based Teaching Learning	10	*****
Program Specific Requirement for the EL Assessment	20	
Video based seminar (45 minutes per student)	10	
MAXIMUM MARKS FOR THE THEORY	**100 MARKS**	**100 MARKS**
PRACTICALS	**50**	**50**
TOTAL MARKS FOR THE COURSE	**150**	**150**

Rubric for CIE & SEE in 2021 Scheme

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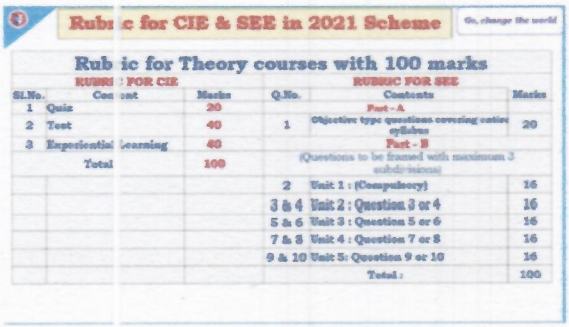
Rubric for Theory courses with 50 marks

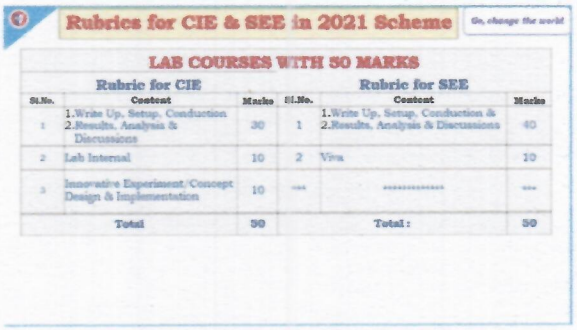
RUBRIC FOR CIE			RUBRIC FOR SEE		
SL.NO	**CONTENT**	**MARKS**	**Q. No.**	**CONTENTS**	**MARKS**
1	Quiz	10		Part - A	
2	Test	20	1	Objective type questions covering entire syllabus	10
3	ExperientialLearning	20		Part - B	
	Total :	50		(Questions to be framed with maximum TWO subdivisions)	
			2	Unit 1 : Question 2 (Compulsory)	10
			3 & 4	Unit 2 : Question 3 or 4	15
			4 & 5	Unit 3 : Question 4 or 5	15
				Total :	50



Rubric for CIE & SEE in 2021 Scheme

Rubric for Theory courses with 100 marks

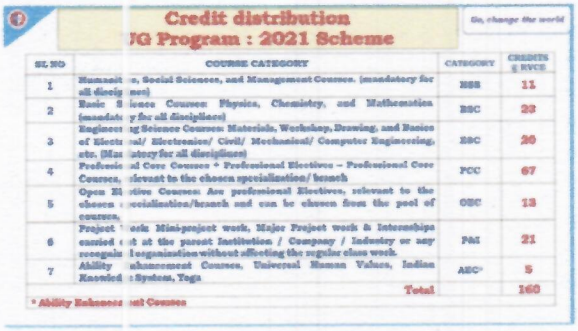
Sl.No.	Content	Marks	Q.No.	Contents	Marks
1	Quiz	20		Part - A	
2	Test	40	1	Objective type questions covering entire syllabus	20
3	Experiential Learning	40		Part - B	
	Total	100		(Questions to be framed with maximum 3 subdivisions)	
			2	Unit 1 : (Compulsory)	16
			3 & 4	Unit 2 : Question 3 or 4	16
			5 & 6	Unit 3 : Question 5 or 6	16
			7 & 8	Unit 4 : Question 7 or 8	16
			9 & 10	Unit 5: Question 9 or 10	16
				Total :	100



Rubrics for CIE & SEE in 2021 Scheme

LAB COURSES WITH 50 MARKS

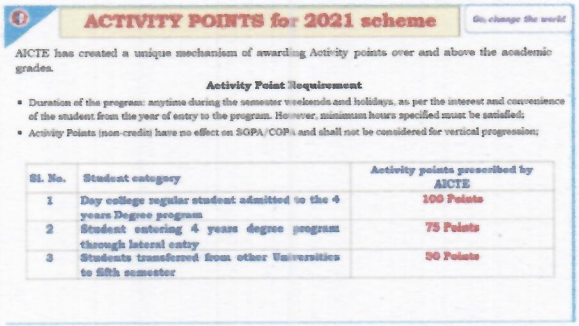
Sl.No.	Rubric for CIE Content	Marks	Sl.No.	Rubric for SEE Content	Marks
1	1.Write Up, Setup, Conduction 2.Results, Analysis & Discussions	30	1	1.Write Up, Setup, Conduction & 2.Results, Analysis & Discussions	40
2	Lab Internal	10	2	Viva	10
3	Innovative Experiment/Concept Design & Implementation	10	---	----------	---
	Total	50		Total :	50



Credit distribution
UG Program : 2021 Scheme

Sl. No	COURSE CATEGORY	CATEGORY	CREDITS as BVCE
1	Humanit ..., Social Sciences, and Management Courses. (mandatory for all discip ...nes)	HSS	11
2	Basic S ...ience Courses: Physics, Chemistry, and Mathematics (mandato ...y for all disciplines)	BSC	22
3	Enginee ...ng Science Courses: Materials, Workshop, Drawing, and Basics of Electr ...al/ Electronics/ Civil/ Mechanical/ Computer Engineering, etc. (Mat ...atory for all disciplines)	ESC	20
4	Professi ...al Core Courses + Professional Electives – Professional Core Courses, ...levant to the chosen specialization/ branch	PCC	67
5	Open El ...tive Courses: Are professional Electives, relevant to the chosen ...pecialization/branch and can be chosen from the pool of courses.	OEC	13
6	Project ...ork: Mini-project work, Major Project work & Internships carried ...t at the parent Institution / Company / Industry or any recogniz ...l organization without affecting the regular class work.	PW	21
7	Ability ...hancement Courses, Universal Human Values, Indian Knowled ...: System, Yoga	AEC*	5
		Total	160

* Ability Enhance ...nt Courses



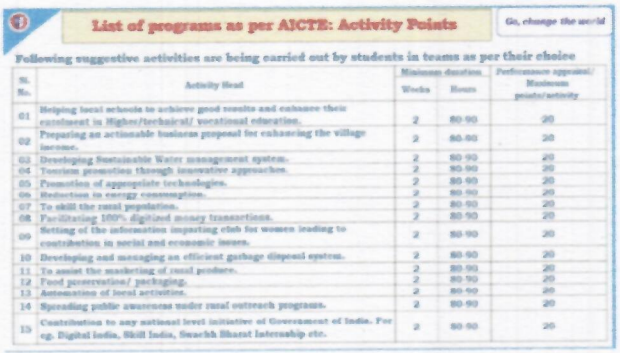
ACTIVITY POINTS for 2021 scheme

AICTE has created a unique mechanism of awarding Activity points over and above the academic grades.

Activity Point Requirement

- Duration of the program: anytime during the semester weekends and holidays, as per the interest and convenience of the student from the year of entry to the program. However, minimum hours specified must be satisfied;
- Activity Points (non-credit) have no effect on SGPA/CGPA and shall not be considered for vertical progression;

Sl. No.	Student category	Activity points prescribed by AICTE
1	Day college regular student admitted to the 4 years Degree program	100 Points
2	Student entering 4 years degree program through lateral entry	75 Points
3	Students transferred from other Universities to fifth semester	50 Points



List of programs as per AICTE: Activity Points

Following suggestive activities are being carried out by students in teams as per their choice

Sl. No.	Activity Head	Minimum duration: Weeks	Minimum duration: Hours	Performance appraisal/ Maximum points/activity
01	Helping local schools to achieve good results and enhance their enrolment in Higher/technical/ vocational education.	2	80-90	20
02	Preparing an actionable business proposal for enhancing the village income.	2	80-90	20
03	Developing Sustainable Water management system.	2	80-90	20
04	Tourism promotion through innovative approaches.	2	80-90	20
05	Promotion of appropriate technologies.	2	80-90	20
06	Reduction in energy consumption.	2	80-90	20
07	To skill the rural population.	2	80-90	20
08	Facilitating 100% digitized money transactions.	2	80-90	20
09	Setting of the information impacting club for women leading to contribution in social and economic issues.	2	80-90	20
10	Developing and managing an efficient garbage disposal system.	2	80-90	20
11	To assist the marketing of rural produce.	2	80-90	20
12	Food preservation/ packaging.	2	80-90	20
13	Automation of local activities.	2	80-90	20
14	Spreading public awareness under rural outreach programs.	2	80-90	20
15	Contribution to any national level initiative of Government of India. For eg. Digital India, Skill India, Swachh Bharat Internship etc.	2	80-90	20

Resolution: The Council endorsed its approval for academic guidelines for 2021 scheme.

Sub. No. 271: Preparations for 2022 Scheme of M.Tech programs.

The Chairman briefed about the preparations for 2022 scheme of M.Tech programs.

Highlights of 2022 Scheme

1. Introduction of Ability Enhancement course in II Sem M.Tech Programs.
2. Industry based electives for 4 Credits.
3. Interdisciplinary elective courses.
4. Introducing Programming Skills/ Coding skills for all programs.
5. **Experiential Learning component increased from 30 to 40 marks to facilitate students to enhance problem solving skills/critical thinking/Designing and implementation of systems.**

Sub. No. 272: To approve examination rules and regulations of 2021 scheme, as per the new VTU regulations.

The Chairman briefed about the examination rules and regulations of 2021 scheme through a presentation.

SCHEDULE OF EXAMINATIONS

The Controller of Examinations will announce the Timetable for

1. Semester End Examination (SEE),
2. Makeup and
3. Supplementary /Fast Track.

- **SEE at the end of odd semester;**
- **Make-up examination for odd semester;**
- **SEE at the end of even semester;**
- **Make-up examination for even semester;**
- **Supplementary/Fast Track Semester at the end of even semester SEE;**

SEE for Audit Courses in 2021 scheme

- **AS PER NEW GUIDELINES, FOR ALL THE AUDIT COURSES OF 2021 SCHEME, NO SEE EXAMS.**

GRADING SYSTEM

Absolute Grading system or 10-point scale is followed in the evaluation of student's performance in a course.

- **LETTER GRADES:** Letter grade is basically a qualitative measure (an alphabet/letter) giving the performance of a student, such as, **Outstanding (O), Excellent (A+), Very Good (A), Good (B+), Above Average (B), Average (C), Pass (P)** and **Fail (F)**, based on the score. This is arrived at after the student's performance in a course, which includes **both CIE and SEE.**

LEVEL	OUTSTANDING	EXCELLENT	VERY GOOD	GOOD	ABOVE AVERAGE	AVERAGE	PASS	FAIL
Score (Marks) Range %	90-100	80-89	70-79	60-69	55-59	50-54	40-49	0-39
Grade	O	A+	A	B+	B	C	P	F
Grade Points	10	9	8	7	6	5	4	0

GRADE POINTS: Depending on the letter grades assigned, a student earns certain grade points. In the 10-point grading system, that is followed, the grade points earned for different letter grades are mentioned above.

- **Note: Institution is examining the introduction of Relative Grading System in due course**

ELIGIBILITY FOR MAKE UP EXAMS

➢**GRADE 'I':** Awarded to a student having satisfactory attendance at classes and meeting the passing standard at CIE in a course but remained absent from SEE for valid and convincing reasons as given in the Rule Book.

➢**GRADE 'X':** Awarded to a student having attendance (> = 85%) and CIE rating (> = 90%) in a course, but SEE performance observed to be 'F', which could result in an overall F grade in the course.

EARNING CREDIT: A Student would be considered to have completed a course successfully and earned the credits, if he/she secures a letter grade other than NE, MP, I, W, X or F in that course.

GRADE F IN ANY COURSE IMPLIES FAILURE IN THAT COURSE.

SUPPLIMENTARY SEMESTER

SCHEDULE OF SUPPLEMENTARY SEMESTER:

- **A student of UG program of 2021 scheme will have opportunity to register for supplementary semester which is offered after**
  - **IV semester &**
  - **VIII semester.**
- For registering to supplementary semester, the student should complete the Internship/s as notified in the university Regulations/ directions.

REGISTRATION FOR SUPPLEMENTARY

REGISTRATION FOR SUPPLEMENTARY/ FAST TRACK SEMESTER:

- The course/s for which the student does not possess satisfactory attendance/ CIE score, shall be marked as **NE** in the Grade sheet.
- Such students are not permitted for regular SEE for the courses marked as NE in Grade Sheet.
- The students have to re-register only for course/s marked as NE in supplementary/ subsequent semester whenever that course is offered and obtain the required CIE and attendance. Subsequently, they are eligible to appear for SEE in such course/s.
- Candidates, who have been declared as **"W"** for the courses, are also eligible to register in supplementary semester.
- **A student is permitted to register for a maximum of 16 credits or maximum of FIVE Courses in supplementary/ fast track semester, not more than TWO courses with lab.**

PASSING STANDARDS

➢ **The Standard of passing in each course is given in the following Table**

Passing Standard for Theory Course	CIE > = 40% and SEE > = 35%. Aggregate 40%
Passing Standard for Laboratory Project work	CIE > = 40% and SEE > = 35%. Aggregate 40%
Passing Standard for courses having both Theory and laboratory components	CIE Theory > = 40%, Lab > = 40 % SEE Theory >= 35%, Lab >= 35% and aggregate of >= 40% (Theory and Lab together)

➢ **There shall be no re-examination for any course in the credit system** to take care of such students;

i. **Who have absented themselves from attending CIE or SEE without any valid reason;**
ii. **Who have failed (Grade F) to meet the minimum passing standard prescribed for CIE and / or SEE;**
iii. **Who have been detained for shortage of attendance in any course work;**
iv. **Who have withdrawn (Grade W) from a course.**

Such students shall be required to re-register for the course(s) and go through CIE and SEE again and obtain a Grade P or better grades in each case. While such students shall have to re-register for the same course(s) if hard core, they can re-register for alternative course(s) from the soft core or elective courses, as the case may be. The re-registration shall be possible only when the particular course is offered again either in a main (Odd/Even) or a supplementary semester.

SUCCESSIVE FAILURES: If a student fails to pass a course even after FOUR ATTEMPTS, that course is deemed to be exempted for him/her. The respective BoS may suggest an alternative course with same credits and complexity.

GRADE POINT AVERAGES SGPA AND CGPA

The grade points earned for each course are used further for calculating **semester grade point average (SGPA)** and the **cumulative grade point average (CGPA),** both of which being important performance indices of the student.

❖ **SGPA** (Semester Grade Point Average) is the performance index of a student in a semester and is calculated as follows:

$$SGPA = \frac{\sum (\text{Course Credits}) \times (\text{Grade Point}) \text{ for all the course registered by the student, excluding 'transitional' grades, in that semester}}{\sum (\text{Course Credits}) \text{ for all the courses registered by the student excluding 'transitional' grades, in that semester}}$$

❖ **CGPA** (Cumulative Grade Point Average) is the performance index of a student of all the previous semesters and is calculated as follows:

$$CGPA = \frac{\sum (\text{Course Credits}) \times (\text{Grade Point}) \text{ for all the courses registered by the student excluding 'F' grades until that semester}}{\sum (\text{Course Credits}) \text{ for all the courses registered by the student excluding 'F' grades, in that semester}}$$

MAKE UP EXAMS

- Make-up examination facility is available to those students who have missed SEE in one or more courses in a semester and has been declared with a sufficient justification as 'I' grade.
- Students having 'X' grade shall also be eligible to take advantage of this facility. The make-up examination would be held as per dates notified by the Controller of Examinations normally immediately 10 days after the announcement of the results.
- **THERE SHALL BE NO MAKE-UP EXAMINATION FOR SUPPLEMENTARY/ FAST TRACK SEMESTER.**
- In case where the student fails to take make-up examination, the actual grade obtained in the regular examination will be considered as the final grade in the course
  ('F' grade in case of 'X' grade and 'Ab' in case of 'I' grade in SEE)
- **NO MAKE-UP EXAMINATION WILL BE APPLICABLE FOR ONLINE MOOC COURSES.**

CONDITIONS FOR VERTICAL PROGRESSION

- The students who have satisfied CIE and Attendance requirements for the course/s and obtained F grade in SEE are permitted to appear directly in SEE examination/s as backlog paper/s in subsequent semester.
- **The students need not re-register for such course/s in the supplementary/ fast track semester.**
- **Such students need not earn Attendance and CIE once again.**

SUMMARY OF VERTICLE PROGRESSION

FIRST YEAR:

1. More than 4 F Grades (including NE and MP) not permitted to move to III Sem; (F and NE/MP merged)

SECOND YEAR:

1. From II year onwards **F and NE separated; (NE-Attn) & (NE-CIE);**
2. At the end of even Sem **(IV & VI)** in case, if the candidate declares **NE-Attn in MORE THAN 4 COURSES,** then the candidate is not allowed to move forward from **EVEN TO ODD SEMESTER (V and VII Sem);**
3. **ANY NUMBER OF F'S ARE PERMITTED TO CARRY FROM III TO VIII SEM;**

FOURTH YEAR:

1. Before entering to VII sem, **all the I Year courses should be cleared;**
2. Maintain **> = 5.00** CGPA before the award of B.E. degree;
3. **Degree should be completed by 8 years (regular) or 6 years (for lateral entry);**

Assessment for MOOC courses

ONLINE MOOC COURSES:

- **The candidate obtaining "F" grade in MOOC course have to re-register for the course in NPTEL/SWAYAM platform only. The failed course has to be cleared / passed in ONLINE mode only.**
- The candidate is permitted to change the MOOC course in his second attempt. The respective BoS may propose an alternative course with same credits and complexity out of bunch of courses with the approval from the Office of Dean Academics.
- The candidate has to register and complete the course in **ONLINE MODE ONLY.**

Summary for Change in Course

- If a student fails to pass a course even after **FOUR ATTEMPTS**, may opt for changing the course in the next attempt. The respective BoS may suggest an alternative course with same credits and complexity.
- The candidate is permitted to change the **PROFESSION ELECTIVE COURSE** in his **SECOND ATTEMPT.**
- The candidate is permitted to change the **MOOC course** in his **SECOND ATTEMPT.**

Resolution: The Council endorsed its approval for examination rules and regulations of 2021 scheme.

Sub. No. 273: To approve nomination of Board of Studies Members of various programs, for the term 2022-2024.

The Chairman briefed that the term of Council nominated members for Board of Studies of various departments has completed. The departments have taken concurrence from external experts to be nominated in the Board of Studies of respective departments for the academic year 2022-2024.

Resolution: The council endorsed its approval of external experts for Board of Studies of various departments for the term 2022-2024.

Sub. No. 274: To consider one grace credit for B.E. Honours students

The Chairman briefed that, as per NPTEL recommendation, one extra credit may be considered for those students who have earned 17 out of 18 credits towards getting B.E. Honours Degree.

Resolution: The Council endorsed its approval to consider once grace credit for B.E. Honours students.

Sub. No. 275: Approval for conduction of 12th Graduation Day on 27th Aug. 2022.

The Chairman briefed that due to the Pandemic situation the college could not hold offline graduation day in 2020 & 2021. It is proposed to hold the 12th Graduation Day on 27th Aug. 2022. Prof. M.P. Poonia, Vice Chairman-AICTE, will be the Chief Guest and deliver the graduation day address and Sri. Ramamurthy, Chairman, CMR University, has accepted our invitation to deliver the inaugural address. We will convene one more Council Meeting during 2nd or 3rd week of August, to take formal approval for the graduating students.

The Controller of Examinations briefed that some students have given representation to issue the Provisional Degree Certificate before the convocation, as they need to submit the PDC for higher studies abroad. Hence, sought permission from the Council to issue PDC to only such exceptional cases.

Resolution: The council approved to conduct Graduation Day on 27th Aug. 2022 and endorsed its approval to issue PDC to exceptional cases, before the graduation day.

The meeting concluded with thanks to the chair.

18/8/22

Member Secretary

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

RV College of Engineering®
Bengaluru – 560059.

33rd ACADEMIC COUNCIL MEETING

Date: **21st July 2022** Time: **9.30 a.m.**

Members Present:

Sl. No.	Name	Signature
1	Dr. K.N. Subramanya Principal, RVCE	
2	Dr. K.S. Geetha Vice Principal, RVCE	
3	Dr. R.S. Kulkarni HOD, Aerospace Engg.	
4	Dr. Vidya Niranjan HOD, Biotechnology	
5	Dr. Vinod Kallur HOD, Chemical Engg.	
6	Dr. Radhakrishna HOD, Civil Engg.	
7	Dr. P. Ramakanth Kumar HOD, Computer Science & Engg.	
8	Dr. S.G. Srivani HOD, Electrical & Electronics Engg.	
9	Dr. H.V. Ravish Arachya HOD, Electronics & Communication Engg.	
10	Dr. C.H. Renumadhavi HOD, Electronics & Instrumentation Engg.	
11	Dr. C.K. Nagendra Guptha HOD, Industrial Engineering & Management	
12	Dr. B.M. Sagar HOD, Information Science & Engg.	
13	Dr. M. Krishna HOD, Mechanical Engg.	
14	Dr. Andhe Dharani Director, MCA	
15	Dr. K. Sreelakshmi HOD, Telecommunication Engg.	
16	Dr. Sudha Kamath HOD, Physics	

33rd ACADEMIC COUNCIL MEETING

17	Dr. Raviraj Kusanur HOD, Chemistry	21/07/22
18	Dr. G. Jayalatha HOD, Mathematics	Jayalatha. G 21/7/2022
19	Dr. N.S. Narahari Chairperson, HSS Board	21/7/2022
20	Dr. G. Sadashivappa Controller of Examinations	21.07.2022
21	Dr. V. Anantharama Dy. Controller of Examinations	LOA
22	Dr. B.V. Uma Dean (Student Affairs) & Professor, ECE Dept.	21/7/22
23	Dr. Ramesh S. Sharma Associate Professor, ME Dept.	21/7/22
24	Dr. K.V.S. Rajeshwara Rao Associate Professor, IEM Dept.	21/7/22
25	Dr. G. Shireesha Asst. Professor, Physics Dept.	G. Shireesha 21/7/2022
26	Dr. M.H. Kori, Retd. Technical Director, Alcatel Lucent Technologies	
27	Prof. Kavi Mahesh Director, IIIT-Dharwad	LOA
28	Dr. M. Mathiarajan Chief Research Scientist, Dept. of Mgmt. Studies, IISc, B'luru	LOA
29	Dr. Rajashekhar Malur CTO, TATA Consulting Engineers Ltd. Bengaluru.	LOA
30	Dr. K.P. Shivananda Principal, Siddaganga Institute of Tech. Polytechnic, Tumkur	
31	Dr. H.S. Prabhakara Navkis College of Engineering Dean-Operations, NDRK Institute of Technology, Hassan	
32	Dr. N.Shanmukha Dean (Academics) & Member Secretary	
33	Dr. B. Sathish Babu HOD - AI&ML	

Special Invitees (PG Deans & Associate Deans):

Sl. No.	Name	Signature
1	Dr. Rajashree Shettar Dept. of CSE	Rajashree

33rd ACADEMIC COUNCIL MEETING

2	Dr. M.V. Renukadevi Dept. of CV	
3	Dr. K.V. Padmaja Dept. of EIE	Padmaja.K.V 21/07/22
4	Dr. Ravindra R. Dept. of Civil Engg.	—LOA—
5	Dr. H.D. Gopalakrishna Dept. of Mech. Engg.	H. D. Krishna 21/07/22
6	Dr. B. Renuka Prasad Dept. of MCA	B. Renuka Prasad 21/7/22
7	Dr. G.S. Nagaraja Dept. of CSE	21/07/22
8	Dr. H.V. Kumaraswamy Dept. of ETE	21/7/22
9	Dr. G.S. Mamatha Dept. of ISE	21/7/22
10	Dr. A.V. Narayan Dept. of BT	21/7/22
11	Dr. R. Suresh Dept. of CH	21/7

RV College of Engineering, Bengaluru-59.

Proceedings of the 34th Academic Council Meeting held on 20th Aug. 2022 (VIRTUAL)

Members Present:

1. Dr. K.N. Subramanya – Chairperson	21. Dr. N.S. Narahari – IEM
2. Dr. K.S. Geetha – Vice Principal	22. Dr. KVS Rajeshwara Rao – IEM
3. Dr. R.S. Kulkarni – HoD, ASE	23. Dr. B. Renuka Prasad – MCA
4. Dr. B. Satish Babu – HoD, AI&ML	24. Dr. Ramesh S. Sharma – MCA
5. Dr. Vidya Niranjan – HoD, BT	25. Dr. G. Shireesha – PHY
6. Dr. Vinod Kallur – HoD, CH	26. Dr. M.V. Renukadevi – CV
7. Dr. P. Ramakanth Kumar – HoD, CSE	27. Dr. Rajashree Shettar – CSE
8. Dr. Radhakrishna – HoD, CV	28. Dr. K.V. Padmaja – EIE
9. Dr. Ravish Aradhya – I/c. HoD, ECE	29. Dr. H.D. Gopalakrishna – ME
10. Dr. S.G. Srivani – I/c. HoD, EEE	30. Dr. R. Suresh – CH
11. Dr. C.H. Renumadhavi – HoD, EIE	31. Dr. G.S. Nagaraja – CSE
12. Dr. K. Sreelakshmi – HoD, ETE	32. Dr. G.S. Mamatha – ISE
13. Dr. B.M. Sagar – HoD, ISE	33. Dr. A.V. Narayan - BT
14. Dr. C.K. Nagendra Gupta – HoD, IEM	34. Dr. H.V. Kumaraswamy - ETE
15. Dr. M. Krishna – HoD, ME	35. Dr. G. Sadashivappa - CoE
16. Dr. Andhe Dharani – Director, MCA	36. Dr. Anantharama V – Dy.CoE
17. Dr. M.K. Sudhakamath – HoD, PHY	37. Dr. B.V. Uma – Dean (SA)
18. Dr. Raviraj Kusanur – HoD, CHY	38. Dr. Ravindra R - CV
19. Dr. H.N. Narasimhamurthy – ME	39. Dr. N. Shanmukha – Member Secretary
20. Dr. G. Jayalatha – I/c. HoD, MAT	

External Members:

1) Dr. K.P. Shivananda – Principal, SITP-Tumkur	2) Dr. H.S. Prabhakara- Dean Operations, NCE-Hassan
3) Dr. M.H. Kori – Retd. Tech. Director, Alcatel Lucent Technologies	4) Dr. Rajshekara Malur, TCS

Leave of Absence:

1) Dr. Kavi Mahesh, IIIT-Dharwad 2) Dr. Mathiarajan IISc

The Chairman welcomed all the members.

Sub. No. 276: To read and record proceedings of the 33rd Academic Council Meeting held on 21.7.2022 & Action Taken Report.

The Chairman briefed about the proceedings of 33rd Academic Council Meeting held on 21.7.2022 and Action Taken Report thereon. Since no comments were raised. The proceedings and action taken report were read and recorded. **(Annex. A)**

Sub. No. 277: Result Analysis of Odd Semester Examinations of Jan./Feb. 2022.

The Controller of Examinations briefed about the result analysis of odd semester examinations of Jan,/Feb. 2022 through a presentation.

Sub. No. 278: A

The Chairman briefed the members about the list of Gold Medalists & Rank Holders for the passing out batch of 2022 through a presentation.

Resolution: The council unanimously approved the list of Gold Medalists & Rank Holders for the passing out batch of 2022. (**Annex. B)**

Sub. No. 279: Approval of Graduands for the passing out batch of B.E.(2018-22), M.Tech (2020-22) and MCA (2019-22) students.

The Chairman briefed the members about the list of graduands for the passing out batch of for the passing out batch of B.E.(2018-22), M.Tech (2020-22) and MCA (2019-22) students, 2022 through a presentation.

The Chairman also informed the Council that the Gradudand's list will be updated before the announcement in the Graduation Day.

Resolution: The Council approved the Graduand's list for the passing out batch of for the passing out batch of B.E.(2018-22), M.Tech (2020-22) and MCA (2019-22) students and also endorsed its approval to append the Graduand's list before the Graduation Day. **(Annex. C)**

Sub. No. 280: Any other subject/s. ---- NIL ---

The meeting concluded with thanks to the chair.

Chairperson

PRINCIPAL
RV COLLEGE OF ENGINEERING
BENGALURU - 560 059

Annexure – B

List of First Rank holders B.E (2018-22 batch)

Sl No	Branch	USN	Name	Award instituted in the name of	Sponsor
1	Aerospace Engineering	1RV18AS021	Karan H Baliga	---	RV College of Engineering
2	Biotechnology	1RV18BT001	Aajnaa Upadhyaya	Dr. M.K. Panduranga Setty	Advaith Motors (P) Ltd.
3	Chemical Engineering	1RV18CH024	Sharanya Chakravarthi	Kuchalambal Charities	Kuchalambal Charities
4	Computer Science and Engineering	1RV18CS177	Sumith Kumar S	Sri. K. Ganga Setty	K.G. Subbarama Setty
5	Civil Engineering	1RV18CV106	Sneha G	Sri. D.A. Pandu	D.P. Nagaraj
6	Electronics and Communication Engineering	1RV18EC139	Sai Pranav G	Sri. Cotha Venkatachalapathy Chetty	C. Krishnaiah Chetty Foundation
7	Electrical and Electronics Engineering	1RV18EE029	Mohit Venkatesh	Smt. K.G. Bhagyalakshmamma	K.S. Akhilesh Babu
8	Electronics & Instrumentation Engineering	1RV18EI047	Rounak Raj	Dharmaprakasha Sri S.V. Srinivasa Setty	Advaith Motors (P) Ltd.
9	Industrial Engineering & Management	1RV18IM027	Kushagra Singh	Sri. A. Chamaraju	Advaith Motors (P) Ltd.
10	Information Science and Engineering	1RV18IS048	Sanjana S	M/s. C. Krishnaiah Chetty & Sons	C. Krishnaiah Chetty Foundation
11	Mechanical Engineering	1RV18ME047	Girish B Umadi	Sri. A. Venkataramana Setty	Alamapalli Venkataramana Setty Savithramma Charitable Trust
12	Telecommunication Engineering	1RV18TE030	Niranjan D R	Sri Yadalam N. Gangadhara Setty	Y.N. Gangadhara Setty

Overall Best Academic Performance	1RV18EC139	Sai Pranav G	**Faculty Award**	**Faculty of RVCE**

Best Performance in Industrial Engineering Stream	1RV18IM003	Abhishek Raman	**Sri M Prahlada Rao Award**	**Sri M P Sunder**

RV College of Engineering, Bengaluru-59.

Proceedings of the 34th Academic Council Meeting held on 20th Aug. 2022 (VIRTUAL)

List of GOLD MEDALIST - First Rank holders M.Tech (2020-22 batch) & MCA (2019-2022&2020-2022 batch)

Sl No	Branch	USN	Student Name	Award instituted in the name of	Sponsor
1	Biotechnology	1RV20BBT03	Chaithra G	--	RSST
2	Structural Engineering	1RV20CSE03	Karthik A R	Smt. P Vasantha	Dr. M P Shyam
3	Highway Technology	1RV20CHT06	Pradeep G	Late Lakshmikanthamma SVS	Dr. M P Shyam
4	Computer Science & Engineering	1RV20SCS05	Krishna Kulkarni	Sri. Pathi Adinaranaiah & Smt. Pathi Ramalakshmamma	Sri. Pathi A. Sridhara
5	Computer Network Engineering	1RV20SCN11	Shankaramma	--	RSST
6	Communication Systems	1RV20LCS11	Pooja Hadli	Late Sri M.K. Rama Rao	Smt. M. Sowbhagya Lakshmi
7	VLSI Design & Embedded Systems	1RV20LVS01	Aishwarya K M	--	RSST
8	Power Electronics	1RV20EPE07	Monisha J R	--	RSST
9	Information Technology	1RV20SIT13	Samhitha A	Sri. Komarla Gangasetty & Smt. Bhagyalakshamamma	Mr. K .A. Sujit Chandan
10	Software Engineering	1RV20SSE03	Bhavya M	Nanda Group	Mr. P.S. Nanda Kumar
11	Computer Integrated Manufacturing	1RV20MCM10	Renukaprasad	--	RSST
12	Machine Design	1RV20MMD10	Prasad Hampi	--	RSST
13	Product Design & Manufacturing	1RV20MPD12	Janani S	--	RSST
14	RF & Microwave Engineering	1RV20LRF11	P Manjunath	--	RSST
15	Digital Communication Engineering	1RV20LDC24	Satish Hulagappa Bhajantri	--	RSST
16	MCA	1RV19MCA22	Charan Nagendra S S	2019 Batch MCA Students	2019 Batch MCA Students
17	MCA	1RV20MC101	Shrihari M	2020 Batch MCA Students	2020 Batch MCA Students

Overall Best Academic Performance	**1RV20SCN11**	**SHANKARAMMA**

Provisional Rank List – UG (2021-2022)

Aerospace Engineering

Sl.No	USN	NAME	CGPA	Rank
1	1RV18AS021	KARAN H BALIGA	9.14	1st
2	1RV18AS027	MOHAMMAD HASNAIN RAZA	9.10	2nd
3	1RV18AS007	ARPAN MONDAL	9.03	3rd
4	1RV18AS017	GLEN NIKHIL DSOUZA	9.03	4th
5	1RV18AS034	PANDYA SATYA MEDHIR	9.01	5th
6	1RV18AS006	ARJUN R ADIGA	8.98	6th

Biotechnology

Sl.No	USN	NAME	CGPA	Rank
1	1RV18BT001	AAJNAA UPADHYAYA	9.21	1st
2	1RV18BT027	KRITI JANGIR	9.08	2nd
3	1RV18BT009	AMULYA RAO	8.98	3rd
4	1RV18BT048	SHAMIMAA BEAGUM J	8.86	4th
5	1RV18BT055	SURABHI VASISHT	8.85	5th
6	1RV18BT054	SUPRIYA GUMMALAM	8.84	6th

Chemical Engineering

Sl.No	SIN/USN	NAME	CGPA	Rank
1	1RV18CH024	SHARANYA CHAKRAVARTHI	9.86	1st
2	1RV18CH010	HARITHA RAJARAM	9.82	2nd
3	1RV18CH011	HARSHITHA N	9.71	3rd
4	1RV18CH033	TAHER HUSAIN	9.41	4th

Civil Engineering

Sl.No	USN	NAME	CGPA	Rank
1	1RV18CV106	SNEHA G	9.27	1st
2	1RV18CV066	NAMITHA NANDIKESH N	8.99	2nd
3	1RV18CV111	SUJITH REDDY B	8.98	3rd
4	1RV18CV105	SIRI N	8.95	4th
5	1RV18CV126	VINAYAK BHASKAR NAIK	8.90	5th
6	1RV18CV059	MITHUN K NAYAKA	8.89	6th
7	1RV18CV034	GAGAN VERNEKAR	8.89	7th
8	1RV18CV026	CHANDAN CHANDRAKANT BHAT	8.81	8th
9	1RV19CV412	SYED AMIR JAFRI	8.76	9th
10	1RV19CV407	PUNITH H R	8.76	10th

Computer Science & Engineering

Sl.No	USN	NAME	CGPA	Rank
1	1RV18CS177	SUMITH KUMAR S	9.92	1st
2	1RV18CS174	SRISHTI MOORTHY	9.85	2nd
3	1RV18CS195	M C SOHAN	9.82	3rd
4	1RV18CS194	AKANKSH A MANJUNATH	9.78	4th
5	1RV18CS072	KRITHI D SHETTY	9.70	5th
6	1RV18CS183	VARSHA R JENNI	9.67	6th
7	1RV18CS011	AKHIL DUA	9.67	7th
8	1RV18CS107	NISHCHAL J	9.64	8th
9	1RV18CS076	KUMARASKANDA B B	9.63	9th
10	1RV18CS196	SATHVIK C	9.63	10th

Electrical & Electronics Engineering

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV18EE029	MOHIT VENKATESH	9.25	1st
2	1RV18EE027	MANOJ M	9.14	2nd
3	1RV18EE048	SANDEEP	8.95	3rd
4	1RV18EE061	VINAYAK N	8.93	4th
5	1RV18EE008	AMITH S KUMAR	8.91	5th
6	1RV18EE039	PRANAV M KULKARNI	8.89	6th

Electronics & Communication Engineering

Sl.No	SIN/USN	NAME	CGPA	Rank
1	1RV18EC139	SAI PRANAV G	9.94	1st
2	1RV18EC177	VINOD SAI E	9.68	2nd
3	1RV18EC160	SRINIKETH S S	9.60	3rd
4	1RV18EC055	HARSH SONGARA	9.59	4th
5	1RV18EC094	NAVYASHREE B R	9.54	5th
6	1RV18EC079	LALITH KUMAR E	9.41	6th
7	1RV18EC018	ANISH KESHAVA	9.37	7th
8	1RV18EC164	SUSHMITA B N	9.34	8th
9	1RV18EC158	SREYAS M	9.33	9th
10	1RV18EC138	SAI KAILASH B C	9.30	10th

Electronics & Instrumentation Engineering

Sl.No	USN	NAME	CGPA	RANK
1	1RV18EI047	ROUNAK RAJ	9.48	1st
2	1RV18EI038	P SUJITH	9.39	2nd
3	1RV18EI059	UTHANK NANDIN N N	9.37	3rd
4	1RV18EI046	ROHITH VIVEK KAMATH	9.29	4th
5	1RV18EI018	DHANYA H U	9.23	5th
6	1RV18EI052	SIDHANT SHEKHAR	9.11	6th

Industrial Engineering & Management

Sl.No	USN	NAME	CGPA	RANK
1	1RV18IM027	KUSHAGRA SINGH	9.03	1st
2	1RV18IM003	ABHISHEK RAMAN	8.93	2nd
3	1RV18IM010	CHAYAN SARAWOGI	8.87	3rd
4	1RV18IM002	ABHINANDAN R CHAKRAVARTHY	8.83	4th
5	1RV18IM045	RUCHIR THARAD	8.81	5th
6	1RV18IM001	ABHEE ANSHUL	8.79	6th

Information Science & Engineering

Sl.No	USN	NAME	CGPA	Rank
1	1RV18IS048	SANJANA S	9.41	1st
2	1RV18IS016	HASIFA A S	9.33	2nd
3	1RV18IS059	VINEETH D K	9.25	3rd
4	1RV18IS064	PRANAV MAHAJAN	9.22	4th
5	1RV18IS030	PIYUSH SOMANI	9.18	5th
6	1RV18IS017	JIGISHA KAMAL	9.18	6th

Mechanical Engineering

Sl.No	USN	NAME	CGPA	RANK
1	1RV18ME047	GIRISH B UMADI	9.73	1st
2	1RV18ME071	NIKHIL SHREEARUN	9.47	2nd
3	1RV18ME113	THUNUGUNTLA V N S SRI KIRAN	9.41	3rd
4	1RV18ME040	CHODAGIRI ABHISHEK	9.34	4th
5	1RV18ME023	ARCHIT CHATURVEDI	9.34	5th
6	1RV18ME116	VAIBHAV M N	9.29	6th
7	1RV18ME080	PRANIT PRASOON	9.27	7th
8	1RV18ME063	MAYANK B SIMHA	9.17	8th
9	1RV18ME059	M RAKSHITH KAMATH	9.14	9th
10	1RV18ME006	ABHISHEK PRATAP SINGH	9.10	10th

Telecommunication Engineering

Sl.No	USN	NAME	CGPA	Rank
1	1RV18TE030	NIRANJAN D R	8.94	1st
2	1RV18TE037	RAHUL KEJRIWAL	8.94	2nd
3	1RV18TE002	AKHIL CHAWLA	8.92	3rd
4	1RV18TE044	SHANTANU B S	8.84	4th
5	1RV18TE059	VIGNESH G UPADHYA	8.81	5th
6	1RV18TE026	N SAHITHI	8.74	6th

PROVISIONAL RANK LIST – M.TECH (2021-22)

Power Electronics – EPE

Sl.No	USN	NAME	CGPA	RANK
1	1RV20EPE07	MONISHA J R	9.35	1st
2	1RV20EPE02	GANGADHAR MAHALINGAPPA AKKI	8.95	2nd
3	1RV20EPE17	VARSHITHA R	8.92	3rd

VLSI Design & Embedded Systems – LVS

Sl.No	USN	NAME	CGPA	RANK
1	1RV20LVS01	AISHWARYA K M	9.44	1st
2	1RV20LVS03	ANIL NAGESWAR RANGAPURE	9.38	2nd
3	1RV20LVS34	VISHAL G SARASHETTI	9.28	3rd

Communication Systems - LCS

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV20LCS11	POOJA HADLI	9.17	1st
2	1RV20LCS03	AKASH	9.15	2nd
3	1RV20LCS07	CHANDRALA M S	9.08	3rd

Structural Engineering – CSE

Sl.No	USN	NAME	CGPA	RANK
1	1RV20CSE03	KARTHIK A R	9.74	1st
2	1RV20CSE14	VARDHINI D	9.67	2nd
3	1RV20CSE13	SUPRIYA MOHAN BADIGER	9.57	3rd

Highway Technology - CHT

Sl.No	USN	NAME	CGPA	RANK
1	1RV20CHT06	PRADEEP G	9.39	1st

2	1RV20CHT13	SRIKANTH T	9.35	2nd
3	1RV20CHT03	KEERTHAN R	9.28	3rd

Software Engineering – SSE

Sl.No	USN	NAME	CGPA	RANK
1	1RV20SSE03	BHAVYA M	9.30	1st
2	1RV20SSE14	SPOORTHI K V	9.15	2nd
3	1RV20SSE16	YASHASWINI M	9.13	3rd

Information Technology - SIT

Sl.No	USN	NAME	CGPA	RANK
1	1RV20SIT13	SAMHITHA A	9.63	1st
2	1RV20SIT03	AMITH R	9.30	2nd
3	1RV20SIT05	CHAITRA B G	9.13	3rd

RF & Microwave Engineering - LRF

Sl.No	USN	NAME	CGPA	RANK
1	1RV20LRF11	P MANJUNATH	9.61	1st
2	1RV20LRF05	CHAMAN JAYARAM	9.50	2nd
3	1RV20LRF10	NAMRATHA PRAKASH	9.13	3rd

Digital Communication - LDC

Sl.No	**SIN/USN**	**NAME**	**CGPA**	**Rank**
1	1RV20LDC24	SATISH HULAGAPPA BHAJANTRI	9.48	1st
2	1RV20LDC23	SAI SHRUSHTI S	9.36	2nd
3	1RV20LDC09	HEMALATHA R V	9.33	3rd

Product Design & Manufacturing - MPD

Sl.No	USN	NAME	CGPA	RANK
1	1RV20MPD12	JANANI S	9.42	1st
2	1RV20MPD19	NIKHIL SINGH	9.33	2nd
3	1RV20MPD09	BHASKAR P	9.32	3rd

Machine Design - MMD

Sl.No	USN	NAME	CGPA	RANK
1	1RV20MMD10	PRASAD HAMPI	9.59	1st
2	1RV20MMD13	SUVAN S KUDARI	9.38	2nd
3	1RV20MMD14	VANDAN DUBAL	9.33	3rd

Computer Integrated & Manufacturing - MCM

Sl.No	USN	NAME	CGPA	RANK
1	1RV20MCM13	SHREYAS NANDAKUMAR HARITHSA	9.58	1st
2	1RV20MCM04	INDRAJEET RAVINDRA TAKALE	8.92	2nd
3	1RV20MCM10	RENUKAPRASAD	8.81	3rd

Biotechnology – BBT

Sl.No	**USN**	**NAME**	**CGPA**	**Rank**
1	1RV20BBT03	CHAITHRA G	9.76	1st
2	1RV20BBT15	SHREYA S K	9.66	2nd
3	1RV20BBT08	M R PADMINI	9.57	3rd

Computer Network Engineering - SCN

Sl.No	USN	NAME	CGPA	Rank
1	1RV20SCN11	SHANKARAMMA	9.84	1st
2	1RV20SCN13	SUKRUTHA C BASAPPA	9.82	2nd
3	1RV20SCN14	SUPREETHA H V	9.39	3rd

Computer Science & Engineering - SCS

Sl.No	USN	NAME	CGPA	Rank
1	1RV20SCS05	KRISHNA KULKARNI	9.67	1st
2	1RV20SCS12	RUSHIKESH ANIL PADAKI	9.58	2nd
3	1RV20SCS17	SUSHMA S ANKAD	9.50	3rd

Master of Computer Applications – MCA (2020)

Sl.No	USN	NAME	CGPA	Rank
1	1RV20MC101	SHRIHARI M	9.52	1st
2	1RV20MC105	TEJASWINI VISHWESHWAR HEGDE	9.21	2nd
3	1RV20MC038	M SHAMANTH	9.16	3rd
4	1RV20MC017	GANDHARVA V HEGDE	9.11	4th
5	1RV20MC030	KAVI SHARMA H A	9.10	5th
6	1RV20MC085	RITISHA D	8.93	6th
7	1RV20MC096	SHASHI KUMAR N	8.91	7th
8	1RV20MC009	ANUSHA MANJUNATH RAYKAR	8.91	8th
9	1RV20MC016	FIZA KOUSAR	8.90	9th
10	1RV20MC034	KRISHNAMOORTI SEETARAMA BHAT	8.89	10th

Master of Computer Applications – MCA (2019)

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19MCA22	CHARAN NAGENDRA S S	9.42	1st
2	1RD19MCA04	SHIVAJI RAO LOKHANDE S G	9.19	2nd
3	1RD19MCA05	SHREYA SHAKSHI	9.18	3rd
4	1RD19MCA09	SNEHAL MAHADEV HUKKERI	9.17	4th
5	1RZ19MCA39	SANJANA SURESH	9.14	5th
6	1RD19MCA16	SUCHITH S	9.11	6th
7	1RD19MCA10	SONU KUMAR GAUTAM	9.11	7th
8	1RZ19MCA30	RENICK ANDREWS A	9.11	8th
9	1RD19MCA31	VEENA REDDY	9.08	9th
10	1RV19MCA37	JULIOUSH KUMAR DAS	9.04	10th

ANNEXURE – C

UG – Graduate List (2021-2022)

Aerospace Engineering

Sl.No	USN	NAME	CGPA
1	1RV17AS034	POOJA PRAKASH MUTTENNAVAR	7.11
2	1RV18AS001	ABHISHEK BAHETI	8.45
3	1RV18AS002	ADITYA DUTTA	6.65
4	1RV18AS004	AKASH H M	8.15
5	1RV18AS005	AKKAPANDA SOURABHA KAVERAPPA	8.70
6	1RV18AS008	ARYAN SHUKLA	8.62
7	1RV18AS009	BEHARA LALIT SAKETH	8.40
8	1RV18AS011	CHANDRAKANT	8.08
9	1RV18AS012	CHIRANJEEVI A P	8.38
10	1RV18AS013	DHEERAJ L	7.27
11	1RV18AS014	E AKSHAYA SAI CHANDAR	8.17
12	1RV18AS015	G N SANJANA	8.78
13	1RV18AS018	GOVARDHAN K	8.90
14	1RV18AS019	HRITHIK SHIVANAGOUDA PATIL	8.79
15	1RV18AS020	JAYASURYA M	8.65
16	1RV18AS022	KARTHIK A	8.67
17	1RV18AS024	M G SARATH	7.79
18	1RV18AS026	MILIND AMGA	8.82
19	1RV18AS028	MOHAMMED ARBAAZ	8.26
20	1RV18AS030	MOHANKUMAR M S	8.21
21	1RV18AS031	NANDINI KIRAN SANIKOP	7.58
22	1RV18AS032	NILESH AGRAWAL	6.54
23	1RV18AS033	NRUPA CHANDRA G	8.38
24	1RV18AS035	PAVAN KUMAR	8.03
25	1RV18AS037	PRADEEP KUMAR C	6.99
26	1RV18AS038	PRAJWAL HIREMATH	8.61
27	1RV18AS039	PRATHEEK JAIN P	7.46
28	1RV18AS041	PRITHVI N SIMHA	8.85
29	1RV18AS042	PRUTHVIK AM	8.66
30	1RV18AS043	RAVIKRISHNA T	7.26
31	1RV18AS044	RITVIK DUTT	8.00
32	1RV18AS045	SANE ABHILASH REDDY	8.74
33	1RV18AS046	SARAYU JANATH	7.23
34	1RV18AS048	SHAIKH SALMAN	8.05
35	1RV18AS049	SHASHANK N	8.51
36	1RV18AS050	SHEETHAL M	8.46
37	1RV18AS052	SHRISHA R D	7.82
38	1RV18AS054	SIDDHARAMESH K MUDHOL	8.84
39	1RV18AS055	SUNIDHI SALWADGI	8.54
40	1RV18AS056	SURESH GOWDA S	8.42
41	1RV18AS058	TEJASWINI R T	8.07
42	1RV18AS059	TWISHA NARENDRA	7.69
43	1RV18AS060	VARUN J	7.91
44	1RV18AS062	VIKRANT SINGH	8.54
45	1RV18AS063	VINAY P	8.92
46	1RV18AS064	MANDIRA GHOSH	7.98
47	1RV18AS065	RACHANA S	8.46

48	1RV18AS066	SAIMA NAAZ	8.19
49	1RV18AS067	AKASH KUMAR SINGH	8.53
50	1RV19AS401	ADITHYA M	7.69
51	1RV19AS402	NUTHAN S	7.68
52	1RV19AS403	SWETHA S CHARANTIMATH	7.78

Biotechnology

Sl.No	USN	NAME	CGPA
1	1RV18BT002	ABHIJITH	7.34
2	1RV18BT003	ABHIPSA RATH	8.50
3	1RV18BT004	ADITHI GHATE D	8.05
4	1RV18BT005	ADITHYA SABHAPATHI C	8.05
5	1RV18BT007	AKASH BALAKRISHNAN	8.33
6	1RV18BT011	APOORVA K	8.30
7	1RV18BT012	ARPITA GUHA NEOGI	8.66
8	1RV18BT013	BENEDICT PRAJWAL SINGH	7.46
9	1RV18BT014	BHUMIKA Y	8.42
10	1RV18BT015	BINDU M	8.08
11	1RV18BT018	DHRUTHI P R	8.76
12	1RV18BT020	ESHA MANJANATH	8.71
13	1RV18BT021	HARINI SUBRAMANIAM	8.79
14	1RV18BT022	HARSHA R	7.80
15	1RV18BT023	K DIVYA SHREE	8.31
16	1RV18BT024	KARAN P	7.78
17	1RV18BT025	KAUSTHUBH S	8.58
18	1RV18BT026	KOUSTHUBHA P B	7.37
19	1RV18BT030	MEGHA S TELKAR	7.95
20	1RV18BT031	NISHAA V	7.03
21	1RV18BT033	PRAJWAL M	7.62
22	1RV18BT034	PRASANNA VENKATESH REDDY	7.95
23	1RV18BT036	PRAVIN KANNA S V	7.80
24	1RV18BT039	RAKSHITHA SHARMA D	7.81
25	1RV18BT040	RIYA SHARMA	8.67
26	1RV18BT041	S PAVAN	8.50
27	1RV18BT045	SANJANA SUBRAMANYA	8.82
28	1RV18BT046	SATYAM SINGH	8.42
29	1RV18BT047	SATYAM SURESH RAIKAR	8.78
30	1RV18BT051	SOURAV M U	7.91
31	1RV18BT052	SPOORTHI B V	8.02
32	1RV18BT053	SUCHET P V	8.78
33	1RV18BT058	VINAY K T	7.33
34	1RV18BT059	VINITH M H	8.43
35	1RV18BT062	DEVASHISH	7.23
36	1RV17BT004	ADITYA ANAND YEDWAD	6.29
37	1RV17BT060	SHREYA M	7.09

Civil Engineering

Sl.No	USN	NAME	CGPA
1	1RV18CV001	A ANJANA TEJASWINI	8.47
2	1RV18CV002	AADITYA MISHRA	7.68
3	1RV18CV003	ABHINAV ASHISH CHAUDHARY	7.84
4	1RV18CV004	ABHISHEK GUPTA	7.66

5	1RV18CV005	AJAY B	6.81
6	1RV18CV007	AMOGH A	8.59
7	1RV18CV008	ANISH MANJUNATH	6.47
8	1RV18CV009	ANKUSH	8.23
9	1RV18CV010	ANSHUL MEHTA	6.78
10	1RV18CV011	ANUBHAV PRASAD	7.56
11	1RV18CV012	ANUSHA G S	8.03
12	1RV18CV014	ARJUN GUPTA	7.43
13	1RV18CV016	ARUN GUPTA	7.43
14	1RV18CV017	ASHISH S DAMMANAGI	7.69
15	1RV18CV019	AVIRAL ROY	7.98
16	1RV18CV020	AYUSH GUHA	7.17
17	1RV18CV024	BHIMANAGOUDA K PATIL	7.29
18	1RV18CV027	CHANNABASAVA	8.60
19	1RV18CV030	D GURUBASAVARAJ	8.59
20	1RV18CV032	DHANUSH B NAIDU	8.60
21	1RV18CV033	DODDANAGOUDA S BIRADAR	7.81
22	1RV18CV037	GUNDAPPA	7.96
23	1RV18CV039	HARSH KUMAR	6.39
24	1RV18CV040	HARSHITHA S S	7.21
25	1RV18CV042	HRITHIK JAIN	7.53
26	1RV18CV043	JAI VINAYAK SINGH	7.37
27	1RV18CV045	K ULLAS	7.39
28	1RV18CV047	KIRAN K	6.47
29	1RV18CV048	R KRITHIK	7.42
30	1RV18CV049	KSHEETIJ RAJ SINHA	7.26
31	1RV18CV052	M SAI SWADEEP	6.85
32	1RV18CV053	MADHUSUDAN	8.29
33	1RV18CV054	MAHESH BASAVARAJ	7.71
34	1RV18CV055	MAHMAD TOHID HUSEN QAZI	8.46
35	1RV18CV056	MANJUNATH BHAVI	7.21
36	1RV18CV057	MANJUNATH NAIK	7.51
37	1RV18CV061	NACHIKETH B MELUR	7.80
38	1RV18CV062	NAGARAJ BAGDALKAR	8.23
39	1RV18CV063	NAJEERASAB	7.39
40	1RV18CV064	NAMAN GUPTA	7.46
41	1RV18CV067	NANUBALA DHRUVAN	7.69
42	1RV18CV068	NARASIMHAMURTHY H	7.19
43	1RV18CV069	NAVEENKRISHNA K	7.94
44	1RV18CV070	NIKHIL B	8.06
45	1RV18CV072	NITHIN T	7.70
46	1RV18CV073	NITHYA R	7.84
47	1RV18CV077	PRAKHAR BAROLE	6.81
48	1RV18CV078	PRATEEK PATIL	8.58
49	1RV18CV079	PRERANA PRAMOD H	7.96
50	1RV18CV080	R MAHANTH	8.59
51	1RV18CV081	RAGHUNANDAN GOWDA S	8.33
52	1RV18CV082	RAJASHEKHAR A KURUBAR	7.94
53	1RV18CV083	RAJAT JAIN	8.43
54	1RV18CV085	ROHAN A PATIL	7.39
55	1RV18CV086	ROHAN AKASH	7.74
56	1RV18CV088	SACHIN	8.00
57	1RV18CV089	SAHIL JAYESH SHAH	6.97
58	1RV18CV092	SANDESH S NAIK	7.98

59	1RV18CV093	SANTOSH D DODDAMANI	7.57
60	1RV18CV094	SATVIK VIJAYKUMAR HIREMATH	7.01
61	1RV18CV095	SATYAM KANT	7.70
62	1RV18CV096	SATYANSH SINGH	8.16
63	1RV18CV097	SAYAM AGRAWAL	8.03
64	1RV18CV098	SHARAN C	7.04
65	1RV18CV099	SHASHANK RAYARADDI	8.68
66	1RV18CV100	SHASHWAT TRIVEDI	8.03
67	1RV18CV102	SHRINATH L NANDANUR	7.98
68	1RV18CV103	SIDHARTH PRASAD	8.11
69	1RV18CV104	SINDHU K N	7.63
70	1RV18CV107	SOURABH KITTUR	8.70
71	1RV18CV108	SPOORTHI R	7.59
72	1RV18CV110	SUJAY JAIN	8.18
73	1RV18CV112	SUMAN SAURABH	7.13
74	1RV18CV113	SYED ABDULLA FURKHAN	7.18
75	1RV18CV115	THATHVESH J	7.34
76	1RV18CV116	TUSHAR GOYAL	8.30
77	1RV18CV117	UJJAWAL JOSHI	7.35
78	1RV18CV118	UJJWAL	7.57
79	1RV18CV119	UMAR BASHIR	8.05
80	1RV18CV120	UTKARSH KUMAR	7.06
81	1RV18CV123	VEERABHADRAYYA C KATAPURMATH	7.75
82	1RV18CV124	VEERESH J CHIGONI	7.67
83	1RV18CV125	VIJAYA KRISHNA CHERUKURI	7.51
84	1RV18CV127	VINAYAK KERUR	8.13
85	1RV18CV128	YASHWANTH V P	7.95
86	1RV18CV129	ZEEHAN ALI KHAN	7.30
87	1RV18CV130	ANITEJ SRINIVASAN L M	7.13
88	1RV18CV131	YASHASWINI G	6.96
89	1RV19CV400	ANILKUMAR	7.38
90	1RV19CV401	KSHITIJ S PATIL	8.10
91	1RV19CV402	MAHESH SHEPUR	7.87
92	1RV19CV403	MANJUNATH M TARALAKATTI	7.44
93	1RV19CV404	MANJUNATHA HAVINAL	8.33
94	1RV19CV405	MD SULAIMAAN D	7.20
95	1RV19CV408	SAGAR M	8.24
96	1RV19CV409	SALEEM YANDIGERI	7.32
97	1RV19CV410	SHAHID BASHIR MALIK	7.94
98	1RV19CV411	SUBHASH V N	7.76
99	1RV19CV413	UJJWAL KUMAR	7.41
100	1RV19CV414	UMER NAZIR GANIE	7.57
101	1RV18CV132	YASHIKA HARISH	6.82

Chemical Engineering

Sl.No	USN	NAME	CGPA
1	1RV18CH001	AKSHIT MAHESH HARTI	9.07
2	1RV18CH002	ANANDA	6.87
3	1RV18CH003	ANURADHA SHROFF	7.55
4	1RV18CH004	ASHNI MELISSA MARY PRABHU	7.29
5	1RV18CH005	ASHWIN RAO PADUBIDRI	7.55
6	1RV18CH006	AYUSH AGRAWAL	8.24
7	1RV18CH008	DEEKSHASUSHMITH S	6.45

8	1RV18CH009	G LALITHA SANTOSHI	8.01
9	1RV18CH012	JACOB ROY	7.03
10	1RV18CH013	KARTHIK B	7.64
11	1RV18CH014	KHUSHI VORA	9.13
12	1RV18CH015	MADHU H	8.45
13	1RV18CH016	MANANG JAIN	8.11
14	1RV18CH018	NISHIKANT JALANDRA	7.62
15	1RV18CH019	PAVAN B S	9.25
16	1RV18CH020	PRIYANSHI CHATURVEDI	7.56
17	1RV18CH022	SACHITH NAYAK	7.89
18	1RV18CH023	SAURAV C	6.99
19	1RV18CH025	SHRADDHA S SHETTY	9.10
20	1RV18CH026	SHREY S MEHTA	8.55
21	1RV18CH027	SHWETA A RAM	9.09
22	1RV18CH028	SOURAV ADITHYA	8.69
23	1RV18CH029	SRIPRIYA U	8.95
24	1RV18CH030	SURAJ L	7.54
25	1RV18CH032	SWATHI C	6.79
26	1RV18CH034	TUSHAR AGRAWAL	7.31
27	1RV18CH035	UJWAL ARUN MANDI	8.74
28	1RV18CH036	VARSHA P DINNI	7.33
29	1RV18CH037	VARUN S	9.37
30	1RV18CH038	VIBHOR BHARDWAJ	7.93
31	1RV18CH039	VINAYAK HULAKE	8.63
32	1RV18CH040	VISHAL KARWA	8.05
33	1RV18CH041	YASH N ATHREYA	8.40
34	1RV18CH042	YASHASWINI	8.61
35	1RV19CH400	ADITHYA H K	8.27

Computer Science & Engineering

Sl.No	USN	NAME	CGPA
1	1RV17CS040	DAVE SHIVANGI DEVENDRA	7.75
2	1RV18CS001	A S PRAJWAL BABU	8.22
3	1RV18CS002	AARUSH GUPTA	8.90
4	1RV18CS003	ABHAY JOGENIPALLI	8.22
5	1RV18CS004	ABHAY M S	8.75
6	1RV18CS005	ABHISHEK J	8.71
7	1RV18CS006	ABHISHEK KP	7.55
8	1RV18CS007	ACHINTHYA SREEDHAR	8.77
9	1RV18CS008	ADARSH GUPTA	8.18
10	1RV18CS009	ADITHYAN N	9.28
11	1RV18CS010	ADITYA KUMAR MISHRA	7.90
12	1RV18CS012	AKHILESH ACHARY	7.50
13	1RV18CS013	AKSHARA N UDUPA	8.96
14	1RV18CS015	AKSHAY KUMAR	8.08
15	1RV18CS016	AKSHAY OPPILIAPPAN	9.10
16	1RV18CS017	AMAN SINGH BAGHEL	6.90
17	1RV18CS018	AMARAVATHI SHASHANTH	8.54
18	1RV18CS019	AMBU KARTHIK	8.57
19	1RV18CS020	AMIT S KOTAGI	9.12
20	1RV18CS021	ANANYA B S	9.15
21	1RV18CS022	ANIQAH AHMED	6.85
22	1RV18CS023	ANIRUDDHA S	8.64

23	1RV18CS024	ANIRUDH DEVPURA	8.86
24	1RV18CS025	ANISH KUILA	7.32
25	1RV18CS026	ANSH SINGAL	8.82
26	1RV18CS027	ANURAG SINGH BHADAURIA	8.63
27	1RV18CS028	ARAVIND A	8.52
28	1RV18CS029	ARUNIMA MAITRA	8.55
29	1RV18CS030	ATREYA BAIN	9.07
30	1RV18CS031	AVILASH M	8.79
31	1RV18CS032	AVULAPATI NIRANJAN	8.82
32	1RV18CS034	AYUSH DAGA	7.01
33	1RV18CS035	AYUSH DWIVEDI	9.38
34	1RV18CS036	AYUSH KUMAR	8.53
35	1RV18CS038	BADIGINCHALA SOMU SASHANK	7.73
36	1RV18CS039	BHANU PRAKASH	9.11
37	1RV18CS040	BHARAT BANGARI	6.94
38	1RV18CS041	BHARGAVI H S	9.35
39	1RV18CS042	BHAVYA BHAGERATHI	7.90
40	1RV18CS043	BIDUSHI	7.47
41	1RV18CS045	CHAITANYA K R	8.62
42	1RV18CS046	CHETHAN S	7.78
43	1RV18CS048	CHIRAG BAPAT	8.89
44	1RV18CS049	D RAHUL	7.73
45	1RV18CS050	D S SHARATH SHENOY	9.16
46	1RV18CS052	DHRITHI HARISH	8.35
47	1RV18CS054	FURQAN ABDUL KHADAR RAMADURG	8.86
48	1RV18CS056	GIRIDHAR K SHANBHAG	8.87
49	1RV18CS057	GRACIOUS SAXENA	8.57
50	1RV18CS058	GUNA SHEAKAR H S	9.19
51	1RV18CS059	GURANSH KAUR GHAI	7.46
52	1RV18CS060	H A VIBHAV SHARMA	8.21
53	1RV18CS061	HARISH A JARTARGHAR	8.80
54	1RV18CS062	HARISH PUKALE	8.95
55	1RV18CS063	HARSHWARDHAN	6.93
56	1RV18CS064	HIMANUSHU SINGH	6.72
57	1RV18CS065	HRISHIKA RAI	9.10
58	1RV18CS066	ISHA B RAMESHRAJ	7.06
59	1RV18CS067	ISHKABIR KUMAR	8.03
60	1RV18CS068	KARUNATHARAKA B	9.39
61	1RV18CS071	KIRTI NANDAN	9.03
62	1RV18CS073	KRUTHI M N	9.49
63	1RV18CS074	KSHITIJ AGARWAL	6.66
64	1RV18CS075	KUMAR AYUSH SINHA	7.42
65	1RV18CS077	KUSHAGRA MISHRA	8.85
66	1RV18CS078	KUSHAGRA SIROTHIA	8.25
67	1RV18CS079	L V V RAGHAVA PULLAIAH	6.65
68	1RV18CS080	L VENKATA CHAITANYA REDDY	8.43
69	1RV18CS081	LIKHITH S REDDY	9.21
70	1RV18CS082	MAHEK JAIN	9.21
71	1RV18CS083	MANAN SAHU	7.05
72	1RV18CS084	MANAS MAYANK	8.75
73	1RV18CS085	MANAV DHARORA	7.12
74	1RV18CS086	MANCHIKANTI KRISHNA SAKETH	7.60
75	1RV18CS087	MANIKHANTH SHIVANAND KATTI	8.91
76	1RV18CS088	MANJUNATH S NAYAK	9.49

77	1RV18CS089	MANOJ KARTIK R	8.77
78	1RV18CS090	MAYUR A BHANDARE	7.42
79	1RV18CS091	MOHAMMED AMAAN	9.44
80	1RV18CS092	MONISH S	9.17
81	1RV18CS093	MRIDUL MOHTA	9.14
82	1RV18CS094	N KRUTHIKBHUSHAN	8.25
83	1RV18CS095	N POOJA	7.27
84	1RV18CS096	NACHIKET G KALLAPUR	9.42
85	1RV18CS097	NAKUL R S	9.04
86	1RV18CS099	NAVYA PRIYA N	9.49
87	1RV18CS101	NEHAL CHAKRAVARTHY M D	8.86
88	1RV18CS102	NEIL NAGARAJ HAVANUR	9.21
89	1RV18CS104	NIDHI K	8.78
90	1RV18CS105	NIKITHA SRIKANTH	9.27
91	1RV18CS106	NISARG	9.43
92	1RV18CS108	S NISHITH	9.27
93	1RV18CS109	P GUNAVANTHA	8.21
94	1RV18CS111	PADMAJA B G	8.37
95	1RV18CS112	PAVAN K R	9.55
96	1RV18CS113	PAVANKUMAR V BADIGER	8.15
97	1RV18CS114	PRAJWAL K	7.99
98	1RV18CS116	PRASANNA BHAT	9.58
99	1RV18CS117	PRATEEK SINHA	8.09
100	1RV18CS119	PRAVEEN ERAYYA DEVADIGA	8.97
101	1RV18CS120	PRERANA K S	7.74
102	1RV18CS122	PRIYANK KUMAR SINGH	8.46
103	1RV18CS123	PRIYANKA M B	9.11
104	1RV18CS125	R AKASH	9.43
105	1RV18CS126	R VIJAY CHIRANJITH REDDY	9.21
106	1RV18CS127	RAHUL LAXMAN	8.37
107	1RV18CS128	RAJATH S VASISTH	8.81
108	1RV18CS129	RAKESHA R R	7.70
109	1RV18CS130	RAKSHITHA A M	8.22
110	1RV18CS131	RATAN NARAYAN HEGDE	9.18
111	1RV18CS133	RISHA DASSI	8.99
112	1RV18CS134	RISHAB RAJ P	7.45
113	1RV18CS135	RISHABH CHAUHAN	8.59
114	1RV18CS136	ROHIT MOHAN KRISHNA G V L	9.46
115	1RV18CS137	ROHIT PARASHURAM MYALI	8.38
116	1RV18CS138	ROHIT SACHIN SADAVARTE	9.31
117	1RV18CS139	ROUNAK JAIN	9.02
118	1RV18CS140	S NITIN PANDIT	9.62
119	1RV18CS142	SAI KEERTHANA	8.79
120	1RV18CS143	SAKSHI KAMAL	9.16
121	1RV18CS145	SANJANA SRINIVASA REDDY	9.57
122	1RV18CS148	SHAIK ABRAR UL HAQ	8.57
123	1RV18CS149	SHAILESH KUMAR SHARMA	8.45
124	1RV18CS150	SHAURYA GUPTA	7.38
125	1RV18CS151	SHIVAM SHREYANSH	8.63
126	1RV18CS152	SHIVAM SINGH	6.45
127	1RV18CS153	SHIVANAND ADKY	8.69
128	1RV18CS154	SHIVANI C H	9.46
129	1RV18CS156	SHIVANSHU SINGH	9.13
130	1RV18CS157	SHIVARAJ B KARAGERA	7.74

131	1RV18CS158	SHREENIDHI	9.05
132	1RV18CS159	SHREESH MANSOTRA	8.70
133	1RV18CS160	SHREYAS S	9.35
134	1RV18CS161	SHREYASH GUPTA	9.01
135	1RV18CS162	SHREYAS BHARDWAJ	8.75
136	1RV18CS163	SHUBH SHUKLA	6.72
137	1RV18CS164	SHUBHAM KUMATOLE	8.51
138	1RV18CS165	SHUVAM MITRA	9.20
139	1RV18CS166	SIDDHARTH CHAUHAN	8.91
140	1RV18CS168	SOUMYA SAXENA	9.07
141	1RV18CS169	SOUNDARYA S V	7.61
142	1RV18CS170	SPOORTHI JAYAPRAKASH MALGUND	7.95
143	1RV18CS171	SREEDHAR S DHULKHED	9.16
144	1RV18CS172	SRINANDAN K S	8.27
145	1RV18CS173	SRIRAM NARAYANA CUMMARAGUNTA	8.81
146	1RV18CS175	SUJAY HEBBAR	8.99
147	1RV18CS178	TARUN VIJAYANAND BAGEWADI	9.15
148	1RV18CS179	THEJAS B U	8.84
149	1RV18CS180	UTKARSH KUMAR CHOUBEY	7.10
150	1RV18CS185	VENNAPUSA VENKATA JASWANTH KUMAR REDDY	9.14
151	1RV18CS186	VINAY R	8.77
152	1RV18CS187	VINAYAK	7.87
153	1RV18CS189	VIRAJ AURORA	7.17
154	1RV18CS190	VIRENDRA NAIK	8.67
155	1RV18CS191	VISHAL M	9.27
156	1RV18CS192	YATIN SATIJA	9.18
157	1RV18CS193	SHREYAS BHARADWAJ H S	8.57
158	1RV18CS197	POOJA R SHESHAGIRI	7.38
159	1RV19CS400	CHAITHRA S	6.88
160	1RV19CS401	GANGADHARA G	7.30
161	1RV19CS402	HARSHITHA C	8.39
162	1RV19CS403	HARSHITHA V	7.21
163	1RV19CS404	HEMA H GODIHAL	7.03
164	1RV19CS405	HOBALSHETTY KAVYASHREE DAMODAR	8.07
165	1RV19CS406	M S APOORVA	8.13
166	1RV19CS408	PRADEEP K	6.17
167	1RV19CS409	PREMAA SAAI B L	7.81
168	1RV19CS411	RAMKUMAR M	7.93
169	1RV19CS412	SAHITHYA N D	7.30
170	1RV19CS413	SAMEER F	8.33
171	1RV19CS414	SANDHYA BHAT	7.10
172	1RV19CS415	SARAH R NADAF	8.15
173	1RV19CS416	SURESH SHEKARAPPA HOSAMANI	7.92
174	1RV19CS417	YUKTHA R	7.79
175	1RV17CS052	DIVYANSHU ANAND	6.65
176	1RV17CS402	AMOL PATIL	5.67

Electrical & Electronics Engineering

Sl.No	SIN/USN	NAME	CGPA
1	1RV18EE002	ABHISHEK RANJAN	7.13
2	1RV18EE003	ADARSH B	8.33
3	1RV18EE004	ADARSH PATHAK	8.13
4	1RV18EE005	ADITI BHARDWAJ	7.74
5	1RV18EE006	ADITYA H R	8.68

6	1RV18EE007	AFFAN AHMED	7.71
7	1RV18EE009	ANUSHA GANGAVATI	8.21
8	1RV18EE010	ARPITA	7.57
9	1RV18EE015	DAMINI R JAYANTH	8.10
10	1RV18EE016	DHANUSH G	8.72
11	1RV18EE017	GOVINDARAJ SANGAM	7.98
12	1RV18EE018	HARIHARASUDHAN J	8.54
13	1RV18EE019	HARSHIT NAKRA	6.96
14	1RV18EE020	HARSHITH M	8.07
15	1RV18EE024	KALLESH D JALIHAL	7.10
16	1RV18EE025	KARNATAKAM BHARGAVA REDDY	7.91
17	1RV18EE028	MOHIT KUMAR BHARTIA	7.1
18	1RV18EE030	MONIKA C R	7.67
19	1RV18EE032	MUZAKKIR ALI JUNEDI M	8.60
20	1RV18EE033	NAMAN BAGRI	8.64
21	1RV18EE034	NANDINI SINHA	7.24
22	1RV18EE035	PARAKH PRATAP SINGH	7.25
23	1RV18EE037	PRAJYOT K BIRADAR	7.14
24	1RV18EE038	PRAKHAR GUPTA	8.55
25	1RV18EE040	PRATYAY MAZUMDAR	8.45
26	1RV18EE042	RAHUL GIRADDI	7.30
27	1RV18EE044	REVATHI M S	8.75
28	1RV18EE046	SAI ASLESH BOLLEPALLI	6.76
29	1RV18EE047	SAMEEKSHA S RAO	7.95
30	1RV18EE050	SHRUTI PRAKASH	8.29
31	1RV18EE052	SIDDHARTH BHARDWAJ	7.21
32	1RV18EE054	SWASTI AGARWAL	8.82
33	1RV18EE056	TANISHA JAIN	8.86
34	1RV18EE058	THUMMALURU SAI VYSHNAVI	8.80
35	1RV18EE059	VAIBHAV JHA	8.15
36	1RV18EE060	VEDANT CHANDAK	7.62
37	1RV18EE063	MANAS PUNJ THAKUR	8.59
38	1RV18EE064	VYOMIKAA BASANI	8.45
39	1RV18EE065	ADITI TOTLA	8.55
40	1RV18EE066	SHREYAS SHARMA	8.61
41	1RV18EE067	SADIYA ALI	8.24
42	1RV18EE068	DEEPTHI N DAULATH	8.48
43	1RV18EE069	PRAVESH KUMAR SHARMA	7.61
44	1RV19EE400	B N JAYASHREE	7.78
45	1RV19EE401	C ADARSH	7.40
46	1RV19EE403	K ANIL KUMAR	7.39
47	1RV19EE404	NANDISH GOWDA C M	8.04

Electronics & Communication Engineering

Sl.No	USN	NAME	CGPA
1	1RV17EC024	ARUN GOVARDHAN R O	6.69
2	1RV17EC027	BACHA RUTHVIK	6.52
3	1RV17EC053	JOYCIL NORONHA	7.02
4	1RV18EC001	AARUSHI GUPTA	8.56
5	1RV18EC002	ABHISHEK MALIK	8.49
6	1RV18EC003	ABHISHEK V R	6.84

7	1RV18EC004	ADARSH S JAMADAGNI	7.65
8	1RV18EC005	ADITHYA PISSAY S	9.11
9	1RV18EC006	AFSHAN AHMED	8.81
10	1RV18EC008	AKILESH N S	8.29
11	1RV18EC009	AKSHATHA S CHAVAN	7.41
12	1RV18EC012	AMOGH GOWDA G	6.75
13	1RV18EC013	AMRUTH N	7.99
14	1RV18EC014	ANANTHA SAI KRISHNA	7.88
15	1RV18EC015	ANIRUDH GUPTE	8.40
16	1RV18EC016	ANIRUDH PRAVEEN	7.75
17	1RV18EC017	ANIRUDH S NADIG	7.04
18	1RV18EC019	ANISH SHARMA	8.46
19	1RV18EC020	ANJALI SHANBHOG	7.94
20	1RV18EC021	ANKIT KUMAR SINGHI	8.05
21	1RV18EC022	ANURAAG GHOSH	8.38
22	1RV18EC023	ANUSHKA RAJ	8.58
23	1RV18EC024	ARJUN RAO N	9.00
24	1RV18EC025	ARUN M	8.50
25	1RV18EC027	ASHMITA DEY	7.87
26	1RV18EC028	ASHWATH NARAYAN RAO	9.12
27	1RV18EC029	AVINASH PATHY	8.67
28	1RV18EC030	AWAIZ KHAN A	7.62
29	1RV18EC032	BASAVASAGAR K PATIL	9.13
30	1RV18EC033	BHAVANA K	8.75
31	1RV18EC034	CHANDAN RAVEENDRA K	7.75
32	1RV18EC035	CHINMAY N	8.57
33	1RV18EC037	DANDU RITHIKA VARMA	7.70
34	1RV18EC039	DEEPASHREE R J	6.78
35	1RV18EC040	DHANUSH B M	7.79
36	1RV18EC041	DINESH KUMAR G	8.35
37	1RV18EC043	DURGESH LANGOTI	8.33
38	1RV18EC044	G ARAVIND	8.12
39	1RV18EC045	GALIVEEDU SHOAIB	8.97
40	1RV18EC046	GASI SAI DHEERAJ	6.86
41	1RV18EC047	GAUREESH CHAUHAN	8.05
42	1RV18EC048	GUNDUGULA NAGA CHANDRA LIKHITA	7.58
43	1RV18EC049	GURUBASAVA	8.06
44	1RV18EC051	HARI KRISHNA R	7.04
45	1RV18EC052	HARIHARAN S	7.29
46	1RV18EC053	HARIOM SHARMA	8.09
47	1RV18EC056	HEMANTH MADEV NAIK	8.31
48	1RV18EC059	J K B ROHIT SURYA	6.60
49	1RV18EC060	JANARDHANAGOWDA C	8.72
50	1RV18EC061	JUNAID KHAN	8.90
51	1RV18EC062	K M ABHISHEK	8.43
52	1RV18EC064	K SHANMUKHA VAMSHI	8.42
53	1RV18EC065	KARTHIK PATIL A	8.03
54	1RV18EC066	KARTIK KUMAR	7.67
55	1RV18EC067	KARTIK S MARATHE	8.67
56	1RV18EC069	KAUSHIK SENGUPTA	9.07
57	1RV18EC070	KAVALI VISHNU	8.99
58	1RV18EC071	KAVYA S	7.82
59	1RV18EC072	KEERTHANA M	8.86
60	1RV18EC073	KESHAV KASLIWAL	8.47

61	1RV18EC074	KIRAN KUMAR S	7.41
62	1RV18EC075	KRISHNA PRASAD D	8.63
63	1RV18EC076	KROTHA SUHARIKA	8.58
64	1RV18EC077	KUMARASWAMY T	7.13
65	1RV18EC078	LALAHMED MOHAMMED SHAHBAAZ ALI	8.53
66	1RV18EC080	LAXMIKANTH CHOUGALE	7.86
67	1RV18EC081	M NISHANTH GOPAL	7.90
68	1RV18EC082	M SRINATH	8.79
69	1RV18EC083	MADHUMITHA T G	8.10
70	1RV18EC084	MANOJ Y	8.49
71	1RV18EC085	MOHAN M S	8.78
72	1RV18EC087	MUNAGA SRI HARSHITHA	9.14
73	1RV18EC089	NACHIKETH GONDA	7.65
74	1RV18EC090	NAMAN ANTONY MENEZES	9.14
75	1RV18EC091	NANDAN GOWDA P M	8.42
76	1RV18EC093	NAVADEEP S	6.16
77	1RV18EC095	NAYANA MITTI	8.06
78	1RV18EC096	NEHA DAOO	9.07
79	1RV18EC097	NIHAR K M	9.17
80	1RV18EC099	NIKHIL S K	7.47
81	1RV18EC101	NISCHITHA S	7.86
82	1RV18EC103	OORJA PAL	8.58
83	1RV18EC104	P CHANDAN KUMAR	8.10
84	1RV18EC105	PARTH RAJANISH DIXIT	7.63
85	1RV18EC106	PARV JAIN	6.68
86	1RV18EC107	PATEL SUSHAN ANILKUMAR	8.95
87	1RV18EC108	PAVANKALYAN D S	8.37
88	1RV18EC109	PEDDAMALLU RAKESH REDDY	8.02
89	1RV18EC110	PHALGUN G K	8.80
90	1RV18EC111	PRAJWAL B RAJ	8.53
91	1RV18EC112	PRAJWAL BALI	8.67
92	1RV18EC113	PRAMOD PATIL G S	7.75
93	1RV18EC115	PRATAP P VANGOL	9.13
94	1RV18EC117	PREETI CHAVAN	8.71
95	1RV18EC118	PRITHVI REDDY	7.45
96	1RV18EC119	PRITHVI V PATIL	6.54
97	1RV18EC121	R VIBHA NARAYAN	8.82
98	1RV18EC122	RAGHAV RAWAT	7.88
99	1RV18EC123	RAGHAVENDRA P R	8.84
100	1RV18EC124	RAHUL CHIKKODI	8.98
101	1RV18EC125	RAHUL PINNY	8.90
102	1RV18EC126	RAHUL V RAO	9.13
103	1RV18EC127	RAJATH RAO T N	9.06
104	1RV18EC130	RISHABH SRIVASTAVA	8.35
105	1RV18EC131	ROHAN V K	8.49
106	1RV18EC132	ROUNAK KUMAR CHAURASIA	8.66
107	1RV18EC133	RUTU KIRAN	8.90
108	1RV18EC134	RUTURAJ B JADHAV	8.03
109	1RV18EC135	S TANMAI	8.71
110	1RV18EC137	SAI CHARAN VIKRANTH PALURI	8.89
111	1RV18EC141	SANDESH PADIYAR	9.15
112	1RV18EC142	SANIKA PRAKASH	8.71
113	1RV18EC143	SATYA PRAKASH PANDEY	8.50
114	1RV18EC144	SAURAV KUMAR	7.77

115	1RV18EC145	SHARAD	8.62
116	1RV18EC147	SHIRAG SHIVAKUMAR	7.14
117	1RV18EC148	SHIVALIK BHAN	7.34
118	1RV18EC149	SHREYA GARG	9.14
119	1RV18EC150	SHREYAS MOHAPATRA	7.87
120	1RV18EC151	SHREYASH R	7.02
121	1RV18EC152	SHRIKRISHNA HEBBAR	8.93
122	1RV18EC153	SHUBAM SUDHAKAR GAONKAR	8.17
123	1RV18EC154	SIDDARTHA S S	9.06
124	1RV18EC155	SOHAIL	9.27
125	1RV18EC156	SOHAN A KOTIAN	9.08
126	1RV18EC157	SOUMYA N AIHOLE	8.57
127	1RV18EC159	SRIJANI CHAKRABORTY	8.89
128	1RV18EC161	SUBHAJIT ADHIKARY	8.97
129	1RV18EC162	SUBHAM SATAPATHY	8.43
130	1RV18EC163	SUMANT KUMBAR	8.83
131	1RV18EC165	SUTEJ A S	8.30
132	1RV18EC166	SYED FARHAN AHMAD	8.37
133	1RV18EC167	TARUN GOWDA	8.46
134	1RV18EC168	TEJAS D J	8.78
135	1RV18EC169	UDAYRAJ V NAYAK	7.73
136	1RV18EC171	USHA S R	8.93
137	1RV18EC172	UTKARSH JHA	8.17
138	1RV18EC173	UTKARSH MAHESHWARI	9.05
139	1RV18EC175	VIGNESHWAR D	8.78
140	1RV18EC176	VIKAS R KARJIGI	8.55
141	1RV18EC178	VIRUPAKSHI	7.84
142	1RV18EC179	VISHAL KUMAR	8.86
143	1RV18EC180	VISHAL LADDA	7.55
144	1RV18EC182	VISHWARADHYA J ALDIMATH	8.16
145	1RV18EC184	VIVEK REDDY N C	8.01
146	1RV18EC186	YASH VARDHAN DIDWANIA	7.93
147	1RV18EC187	YASHPARNA DE	8.61
148	1RV18EC188	YASHWANTH G	8.66
149	1RV18EC189	YATHISH KUMAR Y	7.67
150	1RV19EC400	AMOGHAVARSHA B C	7.26
151	1RV19EC401	ARAVIND KARTHIK V	7.71
152	1RV19EC402	BASAVARAJ TENGINAKAI	7.23
153	1RV19EC403	HAREESHA B N	7.39
154	1RV19EC407	NEHATAJ NUMULGUND	6.43
155	1RV19EC411	RAKESH GOMBI	7.49
156	1RV19EC412	RAKSHITH S P	7.52
157	1RV19EC413	SAMPOOJ S JAIN	8.63
158	1RV19EC414	SATYAJIT RAJBANSHI	7.24
159	1RV19EC415	SHARATHRAJ B	8.27
160	1RV19EC416	SHEIKH MOHAMMED UMAR	8.32
161	1RV16EC034	ASHISH K ADIGA	7.33
162	1RV18EC190	SRISHTI TYAGI	7.62
163	1RV17EC064	KUSHAL R KABBATHI	6.23

Electronics & Instrumentation Engineering

Sl.No	USN	NAME	CGPA
1	1RV17EI019	DILASHA TRIPATHY	6.06

2	1RV17EI046	SANJANA T L	7.01
3	1RV18EI002	ABHISHEK GOWDA S	8.35
4	1RV18EI003	ABHISHEK L KUMKUMKAR	7.45
5	1RV18EI005	AKSHAT BHATNAGAR	8.09
6	1RV18EI008	ANOOSH RAM K	7.46
7	1RV18EI009	ANSH CHATTER	7.54
8	1RV18EI010	ANUSHA T A	8.65
9	1RV18EI011	ANUSHKA DWIVEDI	8.03
10	1RV18EI012	AYUSH TIWARI	7.65
11	1RV18EI014	CHIRAG DHOKA JAIN	7.87
12	1RV18EI015	DENINA MEENPARMBIL VINCENT	7.23
13	1RV18EI017	DHANUSH SINGH U	8.25
14	1RV18EI019	HARINI T A	7.93
15	1RV18EI020	HARSH VERMA	7.87
16	1RV18EI021	HIRSHITHA RAJEE	8.01
17	1RV18EI022	ISHITA JHA	8.91
18	1RV18EI023	ISHITA M MUDALIAR	6.85
19	1RV18EI024	JALI ROHAN	8.73
20	1RV18EI026	KARNIMA NATH	8.65
21	1RV18EI028	KHUSHI GARG	8.27
22	1RV18EI029	KUSHAGRA KUMAR	7.81
23	1RV18EI030	MADHU V	8.13
24	1RV18EI033	MOHIT KUMAR	8.99
25	1RV18EI035	NAVANEETH KRISHNA MURTHY	6.61
26	1RV18EI036	NIHAL HEGDE	8.17
27	1RV18EI037	NIRIKSHA RAMESH	8.18
28	1RV18EI039	PHAALGUNI RAO MUDRADI	7.61
29	1RV18EI040	PRAJWALA R KOPPAL	7.62
30	1RV18EI041	PRAKRITI CHAKRASALI	7.71
31	1RV18EI042	SHWETHA R S	7.88
32	1RV18EI043	RAKSHITHA C S	7.47
33	1RV18EI044	REET KAUR BAGGA	8.05
34	1RV18EI048	S KANDHA KUMARAN	8.54
35	1RV18EI049	SANGMESH VIVEK BHOJ	8.50
36	1RV18EI050	SAURAV KUMAR	8.03
37	1RV18EI053	SINCHANA SHARON	8.66
38	1RV18EI054	SNEHA BHAT A	8.73
39	1RV18EI055	SOMYA GARG	8.55
40	1RV18EI056	SPARSH CHHATTANI	8.38
41	1RV18EI058	TUSHAR AGARWAL	8.85
42	1RV18EI060	VAIBHAV B A	8.81
43	1RV18EI062	YASHRAJ LABDE	8.66
44	1RV18EI063	ZAINAB KHILONAWALA	8.47
45	1RV19EI402	PREETHI K R	7.03
46	1RV19EI403	TEJASHWINI B K	7.55
47	1RV19EI404	TEJASWINI K R	7.56
48	1RV16EI008	ANKIT JHA	6.27
49	1RV16EI016	DARSHAN RAJ A S	7.28

Industrial Engineering & Management

Sl.No	USN	NAME	CGPA
1	1RV16IM072	M R JEYADEEP	6.16
2	1RV17IM065	RISHAB KUMAR T	6.10

3	1RV18IM004	ADITYA IYENGAR K L	8.04
4	1RV18IM005	AKANKSHA	6.91
5	1RV18IM007	ANUSHA Y	7.56
6	1RV18IM008	ARCHIT JAIN	8.41
7	1RV18IM009	AYUSH MISHRA	8.21
8	1RV18IM011	CHIRAG CARIAPPA K S	8.11
9	1RV18IM012	CHIRAG R	6.82
10	1RV18IM013	DEERAJ D S	8.62
11	1RV18IM015	GANGOTHRI K M	8.26
12	1RV18IM016	HIMANSHU SHARMA	8.02
13	1RV18IM017	I NANDEESHA	7.55
14	1RV18IM019	JAYATH S	8.41
15	1RV18IM020	JEEVITHA D	8.34
16	1RV18IM022	KAUSHIK S	8.29
17	1RV18IM023	KAVYA S	7.77
18	1RV18IM024	KOMARRAJU KARTIK	8.73
19	1RV18IM028	LAXMANRAO S KAMBALI	7.31
20	1RV18IM029	MAHADEV R JIDDIMANI	7.06
21	1RV18IM032	MANDEEP SINGH	7.61
22	1RV18IM033	NANDINI NARULA	8.52
23	1RV18IM035	PHALGUN SREENIVASA BHARADWAJ	8.22
24	1RV18IM036	PRAJWAL P	8.18
25	1RV18IM037	PRAJWAL P	6.07
26	1RV18IM038	PRAJWAL R PATIL	7.71
27	1RV18IM039	PRANAV PATHAK	7.74
28	1RV18IM041	PRATHIK	6.89
29	1RV18IM042	RASHAD P	7.91
30	1RV18IM043	RITU RAJ KAUNDILYA	7.75
31	1RV18IM044	ROHAN VASUDEVAN	8.33
32	1RV18IM046	S DARSHAN	6.90
33	1RV18IM048	SAIYAM P	7.90
34	1RV18IM049	SALMAN ALI	6.57
35	1RV18IM050	SAMARTH R	7.38
36	1RV18IM051	SANKALP N V	8.67
37	1RV18IM052	SHAILESH AGRAWAL	8.06
38	1RV18IM053	SHRESHTH HIMATSINGKA	8.08
39	1RV18IM054	SHREYAS K J	8.51
40	1RV18IM057	SUKESH RAVILLA	7.39
41	1RV18IM059	SURYA P	8.21
42	1RV18IM060	TOSHIN P REDDY	8.18
43	1RV18IM061	VIKAS G VASU	8.47
44	1RV18IM062	YUKTA SINGH	7.57
45	1RV18IM063	YUVRAJ SINGH	8.07
46	1RV18IM065	SWATI NEGI	8.23
47	1RV19IM401	M R GAGAN	6.45
48	1RV19IM402	VIDHATH N S	6.99
49	1RV19IM403	VISHAL R	7.41
50	1RV19IM404	YASHRAJ V PAI	7.30
51	1RV16IM046	SHA MUZAMMIL QUADRI	6.25
52	1RV17IM018	INDER BALDAWA	6.69

Information Science & Engineering

Sl.No	USN	NAME	CGPA

1	1RV18IS001	ABHIROOP SAHA	8.71
2	1RV18IS002	ADAMYAA D N	8.58
3	1RV18IS003	ADITI DORA	8.53
4	1RV18IS004	ADITYA B S	7.61
5	1RV18IS006	ANANYA G M	9.12
6	1RV18IS007	ANKIT KUMAR SINGH	9.14
7	1RV18IS008	ASHUTOSH AGARWAL	8.04
8	1RV18IS009	AYUSH KUMAR	8.65
9	1RV18IS010	CHINMAY D NAIK	8.55
10	1RV18IS011	DHANUSH M	8.63
11	1RV18IS012	DHEERAJ SHENOY N	8.72
12	1RV18IS013	DHRUVA K R	8.88
13	1RV18IS014	G TEJA KRISHNA	7.55
14	1RV18IS015	HARIKRISHNA V HOLLA	8.42
15	1RV18IS018	K S HARSHAVARDHAN	8.90
16	1RV18IS019	KANAMARLAPUDI VENKATA SARATH KUMAR	9.14
17	1RV18IS020	KOTA ANJANI VAIBHAVI	9.17
18	1RV18IS023	MADHAMSETTY CHARITHA	9.13
19	1RV18IS024	MAHESH	8.54
20	1RV18IS025	MOULYA S	9.01
21	1RV18IS026	NEHAL N SHET	9.14
22	1RV18IS027	NITYAM AGARWAL	9.14
23	1RV18IS028	PANKHURI PRIYA	8.43
24	1RV18IS029	PARAKH SHAH	9.14
25	1RV18IS031	POORVI SETH	8.82
26	1RV18IS032	PRAGATHI T R	8.37
27	1RV18IS033	PRAGATI KUMARI	7.66
28	1RV18IS034	PRAKHAR KANT KUSHWAHA	8.02
29	1RV18IS035	RAGHAV TAORI	8.38
30	1RV18IS039	RAMADAS K KAMAT	8.94
31	1RV18IS040	RAMAN KUMAR	8.65
32	1RV18IS041	RAUNAK R KOLLE	8.19
33	1RV18IS042	RIZA TANAZ FAREED	8.56
34	1RV18IS043	ROOPESH M K	8.66
35	1RV18IS044	S DHARSHIKA	8.27
36	1RV18IS045	SAGAR BISWARI	9.08
37	1RV18IS046	SAHREEN SAJAD	8.01
38	1RV18IS047	SAI PRANEETH A	8.94
39	1RV18IS049	SINCHANA RAGHAVENDRA HEGDE	9.15
40	1RV18IS050	SNEHA SURESH VANJIRE	8.38
41	1RV18IS051	SOUNDARYA R	8.50
42	1RV18IS052	SREELAKSHMI	8.02
43	1RV18IS054	SUSHRUT M	8.59
44	1RV18IS055	T TERRY NEWTON	9.01
45	1RV18IS056	TANYA DINESH	8.55
46	1RV18IS057	TUSHAR AGRAWAL	8.46
47	1RV18IS058	VARSHINI P	8.65
48	1RV18IS061	VISHAL REDDY	8.31
49	1RV18IS063	YELCHURI VENKATA SAI HARSHA	9.01
50	1RV19IS403	SURAJ	7.85
51	1RV16IS022	KEERTHANA C SHEKHAR	5.99
52	1RV17IS053	TUSHAR VERMA	6.83

Mechanical Engineering

Sl.No	SIN/USN	NAME	CGPA
1	1RV16ME104	SHREYAS REDDY M	6.31
2	1RV17ME0176	ASHIKA NAGARAJ	7.41
3	1RV17ME029	GAGAN SHETTY K	6.24
4	1RV17ME038	ISHAN MOHAN MATHUR	6.66
5	1RV17ME099	SATVIK G	6.40
6	1RV17ME120	THOTTEMPUDI JITENDRA PRASAD	6.23
7	1RV18ME001	ABDUL KALAM SHAIK	7.08
8	1RV18ME002	ABHIJNA H B	7.89
9	1RV18ME003	ABHISHEK	7.71
10	1RV18ME004	ABHISHEK AKIRI	6.82
11	1RV18ME007	ABHISHEK S J	8.62
12	1RV18ME008	ACHAL ADIGA N	9.05
13	1RV18ME009	AKASH	7.97
14	1RV18ME010	AKASH S E	8.59
15	1RV18ME011	AMITH JOHN BINOJ	7.33
16	1RV18ME012	AMOGH MALLIKARJUN UKKALI	8.45
17	1RV18ME013	AMOGH S BOLAR	8.90
18	1RV18ME014	AMOL SACHDEVA	6.88
19	1RV18ME015	AMRUTH Y A	7.03
20	1RV18ME016	ANAS MOHAMMED ASHRAF	8.39
21	1RV18ME017	ANEESH BHAT P	7.81
22	1RV18ME019	ANKIT KUMAR	8.50
23	1RV18ME020	ANUJ KUMAR NIGAM	7.77
24	1RV18ME021	ANUJ R KENGUNTE	8.42
25	1RV18ME024	ARUN KUMAR B	7.69
26	1RV18ME025	ARYAMAN AGARWAL	7.02
27	1RV18ME026	ARYAN SARAF	8.94
28	1RV18ME027	ASHESH ARYAK	8.97
29	1RV18ME028	ASHLIN GEORGE C	8.72
30	1RV18ME029	ASHUTOSH KUMAR SINGH	8.10
31	1RV18ME030	ASHWIN SUDARSHAN	8.53
32	1RV18ME031	AVANEESH B BALLAL	8.49
33	1RV18ME032	AYUSH KASHYAP	8.54
34	1RV18ME033	B MUKUNDA	8.28
35	1RV18ME034	B VIGNESHWAR REDDY	8.35
36	1RV18ME035	BHAVITH SHETTY	8.38
37	1RV18ME038	CHETHAN K M	6.78
38	1RV18ME039	CHETHAN R	7.10
39	1RV18ME041	DHRUV GUPTA	8.63
40	1RV18ME042	DINESH R	8.62
41	1RV18ME043	DWITHIJ R	9.02
42	1RV18ME044	G NITHIN	8.71
43	1RV18ME046	GIRIDHAR RAMJI	7.83
44	1RV18ME048	HARATEJAS H K	8.41
45	1RV18ME049	HARSH MIMANI	7.18
46	1RV18ME050	HARSHITH N G	8.09
47	1RV18ME051	HRISHABH BHARGAVA	8.17
48	1RV18ME053	ISHI NIGAM	8.05
49	1RV18ME054	JOHNSON SABU CHAMPANNIL	7.23
50	1RV18ME055	K S TANISH	8.52
51	1RV18ME056	K SHARAN KUMAR REDDY	8.37
52	1RV18ME057	KEERTHAN A ALVA	7.78

53	1RV18ME060	M VAMSHI VARDHAN REDDY	8.16
54	1RV18ME062	MANISH PRASAD N	7.75
55	1RV18ME064	MEGHA P ASANGI	8.99
56	1RV18ME065	MOHAMMED FARAAZ S	9.09
57	1RV18ME066	MONISH C	6.42
58	1RV18ME068	NARAYAN RALHAN	8.33
59	1RV18ME070	NIKHIL C G	9.00
60	1RV18ME072	NISAR AHMAD SHEIKH	7.09
61	1RV18ME073	PARAASHARA JOIS K P	9.04
62	1RV18ME075	PRADYUMNA SREENIVASA	7.33
63	1RV18ME076	PRAJWAL C P	8.32
64	1RV18ME077	PRAJWAL KOBAL	7.38
65	1RV18ME078	PRAJWAL T R	8.76
66	1RV18ME081	PRATEEK RAJU MALAGANVE	7.71
67	1RV18ME082	QIRANUL SAADIYEAN	7.93
68	1RV18ME083	RAKSHITH C	8.06
69	1RV18ME084	RALLAPALLI PREETHAM REDDY	8.63
70	1RV18ME085	RAMANAGOUDA S BIRADAR	7.12
71	1RV18ME086	RANGANATH P KARNE	8.24
72	1RV18ME087	RAVI TANWANI	8.74
73	1RV18ME088	RITHWIK JAYANTH	8.54
74	1RV18ME089	ROHAN SINGH	8.91
75	1RV18ME090	ROHITH M	8.73
76	1RV18ME091	SADASHIVA HEBBAL	7.59
77	1RV18ME092	SANDIREDDY REDDY ESHWAR	8.38
78	1RV18ME093	SARANSH GEMAWAT	8.43
79	1RV18ME094	SARTHAK	8.57
80	1RV18ME097	SATISH HIREMATH	9.07
81	1RV18ME098	SHASHANK D D	7.71
82	1RV18ME100	SHEITEJ SHARMA	8.89
83	1RV18ME101	SHIVAM AGARWAL	7.41
84	1RV18ME102	SHOBITH UNNITHAN	7.67
85	1RV18ME103	SHRESTHA MAHESHWARI	8.38
86	1RV18ME106	SOURABH P TERANI	8.89
87	1RV18ME107	SOURABH R ALABANOOR	7.58
88	1RV18ME108	SUDHANVA JOSHI	8.12
89	1RV18ME109	SUMUKHA V NADIG	8.87
90	1RV18ME110	SUPRITH C SHEKAR	8.05
91	1RV18ME111	SURESH	8.18
92	1RV18ME112	SYED SALMAN	9.00
93	1RV18ME114	TULASIRAM T S	7.88
94	1RV18ME115	UJWAL MIRJI	8.68
95	1RV18ME117	VARUN KUMAR PRASAD	7.86
96	1RV18ME118	VIGNESH RAMAN	8.75
97	1RV18ME119	VIKAS S	8.57
98	1RV18ME120	VIKRAMADITHYAN S A	8.73
99	1RV18ME122	VISHAL H J	8.50
100	1RV18ME125	VITHAPPA	7.69
101	1RV18ME127	Y C DHAWAN REDDY	8.44
102	1RV18ME128	YASH BAJAJ	7.01
103	1RV18ME129	YASHAS R	7.84
104	1RV18ME130	YUKTHA R	7.07
105	1RV18ME131	P SAI SRIRAM	8.59
106	1RV18ME132	KANIKA DAWAR	8.58

107	1RV19ME401	DILEEP P	8.99
108	1RV19ME402	HARISHGOWDA M	8.58
109	1RV19ME403	JAYANTH S	8.12
110	1RV19ME404	OMPRAKASH J	8.77
111	1RV19ME405	PAVANKUMAR A	7.99
112	1RV19ME406	RAKESH P	7.81
113	1RV19ME407	SACHINKUMAR	7.95
114	1RV19ME408	SHRAVANI A	8.01
115	1RV19ME409	SHUBHAM BHOGAN	7.81
116	1RV19ME411	VIJAY BISTAGOND	7.91
117	1RV19ME412	ZAFFAR GANI	6.74
118	1RV17ME031	GOKUL C	6.19
119	1RV17ME074	PRAKHAR KUMAR	6.20
120	1RV17ME087	S MAYANK	6.64

Telecommunication Engineering

Sl.No	USN	NAME	CGPA
1	1RV18TE001	ABHINAND S BHAVAN	7.20
2	1RV18TE003	ALOK CHAKRAVARTHY N	7.59
3	1RV18TE005	ANJALI SINHA	8.65
4	1RV18TE006	ARPIT ARORA	8.29
5	1RV18TE007	ASFIA SULTANA	7.66
6	1RV18TE008	CHIRAG BAKSHI	6.55
7	1RV18TE010	DHANYAA BHARADWAJ	8.45
8	1RV18TE012	GIRIJA S SAJJANAR	8.66
9	1RV18TE014	HRISHI S KAKOL	6.43
10	1RV18TE015	JATIN NAG SR	8.01
11	1RV18TE016	JEEVITHA S	7.72
12	1RV18TE017	JIGYASA HIRAWAT	8.65
13	1RV18TE018	KADAM PRATHAMESH DEEPAK	7.93
14	1RV18TE019	KARTHIK B R	8.32
15	1RV18TE020	KUSHAL AGARWAL	6.60
16	1RV18TE021	LALITHA K	7.23
17	1RV18TE022	LAXMAN DIXIT	7.69
18	1RV18TE023	M POOJA	7.74
19	1RV18TE024	MATAM JAYA SEKHAR	8.17
20	1RV18TE025	MUKUL TRIPATHI	7.53
21	1RV18TE029	NEERAJ LOKANATHA	8.11
22	1RV18TE031	PESALADINNE REETIKA REDDY	8.24
23	1RV18TE032	PIYUSH ANAND	8.05
24	1RV18TE033	POORVI K	7.70
25	1RV18TE034	PRAAGNA PRASAD M	7.38
26	1RV18TE035	PRAJNA BHAT	8.10
27	1RV18TE036	PRATIK GAGAN JHA	7.81
28	1RV18TE038	RAHUL R GAIKWAD	7.75
29	1RV18TE039	RITIKA H J	7.29
30	1RV18TE040	SAHANA T P	7.35
31	1RV18TE041	SAI NAGENDRA D M	8.19
32	1RV18TE042	SANYA MITTAL	8.95
33	1RV18TE043	SATHYAMURTHY N	7.89
34	1RV18TE045	SHIVAM KUMAR	8.31
35	1RV18TE047	SKANDA C	9.26
36	1RV18TE048	SRIVATHS S	8.22

37	1RV18TE049	SRIVATSA B	8.53
38	1RV18TE050	SUDARSHAN B	8.58
39	1RV18TE051	SUDHA R JOGIN	7.16
40	1RV18TE053	SUSHMA BENNUR	8.13
41	1RV18TE056	TARUN KUMAR P	6.98
42	1RV18TE060	VIJAYARAGHAVAN R	7.55
43	1RV18TE061	VIKRAM PATIL	7.97
44	1RV18TE062	VINAYKARTHIK B C	8.53
45	1RV18TE063	VISHAL M	6.70
46	1RV19TE400	LAKSHMI M	6.91
47	1RV19TE402	PUNEETH G KOUSHIK	7.14
48	1RV19TE403	ROHAN U HUNAKUPPI	6.41
49	1RV18TE400	CHARANKUMAR G M	6.46
50	1RV18TE403	DIVYA M S	6.50
51	1RV18TE404	HEMA R	6.23

M.Tech – Graduate List (2021-22)

Power Electronics

Sl.No	USN	NAME	CGPA
1	1RV20EPE01	D V MANJUNATH	7.90
2	1RV20EPE03	HULIRAJA	7.80
3	1RV20EPE04	KAVANA E	8.65
	1RV20EPE05	KAVYASHREE A	8.63
4	1RV20EPE08	NAVEEN KUMAR D	7.56
5	1RV20EPE09	PRADEEP KUMAR S	8.26
6	1RV20EPE11	SACHIN J M	8.49
7	1RV20EPE12	SANJAN P S	8.00
8	1RV20EPE13	SHAMBHAVI K N	7.94
9	1RV20EPE14	SHREELAKSHMI N	7.89
10	1RV20EPE15	SHRUTHA K V	8.92
11	1RV20EPE16	SPOORTHI H B	8.63
12	1RV20EPE18	YOGALAKSHMI R	8.05

VLSI Design and Embedded Systems

Sl.No	USN	NAME	CGPA
1	1RV20LVS02	AMAN SHAIKH	8.50
2	1RV20LVS04	ARCHANA M	8.50
3	1RV20LVS06	C HASHITA	8.63
4	1RV20LVS07	C K KEERTHI	8.44
5	1RV20LVS08	CHANDRA SHEKHAR SRIVASTAVA	8.82
6	1RV20LVS09	ENDLURI HAREESH	8.61
7	1RV20LVS10	GANESH RAMAKRISHNA GADDE	8.72
8	1RV20LVS11	H V SAMPAD	9.16
9	1RV20LVS12	HARSHA Y S	8.84
10	1RV20LVS13	HARSHITHA N	8.85
11	1RV20LVS14	KIRAN KOLAGAD	8.77
12	1RV20LVS16	MADHAN M	8.05
13	1RV20LVS17	MEGHASHREE M	8.00
14	1RV20LVS18	MOHAMMED IKRAMUDDIN	8.10
15	1RV20LVS19	NAKUL C KUBSAD	8.99
16	1RV20LVS20	NAMRUTA ACHUT TEGGU	9.27

17	1RV20LVS22	P AKSHATHA SHETTY	8.56
18	1RV20LVS24	RAGHAVENDRA F CHANDRANNVAR	8.36
19	1RV20LVS25	SAYYEDHUSSAIN SIDDIQUI	8.65
20	1RV20LVS26	SHAIK MOHAMMAD AMEER AFRIDI	9.19
21	1RV20LVS27	SHEETAL S H	9.02
22	1RV20LVS28	SNEHA V L	8.95
23	1RV20LVS29	SUBRAMANYA K	8.05
24	1RV20LVS30	SUMANTH A	8.45
25	1RV20LVS31	TAPASWI S J	8.80
26	1RV20LVS32	UDAYKRISHNA J	8.53
27	1RV20LVS33	URUKUNDAPPA C	8.83
28	1RV20LVS35	YUKTHI PRASAD S	9.06
29	1RV20LVS36	HEMA SINGARAVELAN	8.70

Structural Engineering

Sl.No	USN	NAME	CGPA
1	1RV20CSE01	ADITYA RAMESH	8.58
2	1RV20CSE02	ANIL H	9.28
3	1RV20CSE04	KIRAN V GURLAHOSUR	9.47
4	1RV20CSE05	LAXMI D BELLAGI	8.84
5	1RV20CSE06	MANUJUNATH C V	9.35
6	1RV20CSE07	MD NAVEED	9.23
7	1RV20CSE08	NIYANTH G V	8.39
8	1RV20CSE09	PAVITRA S TOTAD	9.08
9	1RV20CSE10	SHAKA B K	8.43
10	1RV20CSE11	SHASHIKANTH BASAVARAJ ADEPPA	9.23
11	1RV20CSE12	SUNILKUMAR	8.50
12	1RV20CSE15	VARSHA S GANGADKAR	9.07
13	1RV20CSE16	VARUN M	9.18

Software Engineering

Sl.No	USN	NAME	CGPA
1	1RV20SSE02	ANISH G	8.63
2	1RV20SSE04	BHAVYASHREE R	8.18
3	1RV20SSE06	FATHIMA TASRIN M S	7.98
4	1RV20SSE08	IMPANA V	7.82
5	1RV20SSE09	INDRAKUMAR K P	8.70
6	1RV20SSE10	POORNIMA R D	8.70
7	1RV20SSE11	PRASANNA KUMAR R G	8.52
8	1RV20SSE12	RAHUL C	8.72
9	1RV20SSE13	RUTUJA JADHAV	8.75
10	1RV20SSE15	VAIBHAVKRISHNA BHOSLE	8.83
11	1RV20SSE17	ZEBA ALEEM	8.13

Information Technology

Sl.No	USN	NAME	CGPA
1	1RV20SIT01	ABHIJNA MANJUNATH	8.83
2	1RV20SIT02	ASHA M J	8.35
3	1RV20SIT04	APOORVA M N	8.84
4	1RV20SIT06	GAANAVI S	9.00
5	1RV20SIT07	HARIPRIYA V JOSHI	8.98

6	1RV20SIT09	PUNITH R M	8.60
7	1RV20SIT10	RADHIKA VENKATESH RAO KULKARNI	7.93
8	1RV20SIT11	RAHUL N	7.60
9	1RV20SIT12	RAO NINAAD RAMESH	7.94
10	1RV20SIT16	SHASHANK S	8.83
11	1RV20SIT17	SHIVANI P	7.99
12	1RV20SIT18	VIDYA O SHIRODKAR	8.67

RF & Microwave Engineering

Sl.No	USN	NAME	CGPA
1	1RV20LRF01	ADISH	8.94
2	1RV20LRF02	AISHWARYA K V	8.78
3	1RV20LRF03	AKSHATA BALOOLAD	7.77
4	1RV20LRF06	DHANUSH S	8.47
5	1RV20LRF07	DHRUV SHARMA	8.88
6	1RV20LRF08	K H HARSHAVARDHAN	7.97
7	1RV20LRF09	KAVYA G B	8.65
8	1RV20LRF12	PRAMOD CHANDRASHEKHAR METRI	8.14
9	1RV20LRF13	SHREELAKSHMI V	7.99
10	1RV20LRF14	SPANDANA N	8.57
11	1RV20LRF15	SUSHMA SUBHAS KATTI	7.92
12	1RV20LRF16	VISHNU R	8.17

Product Design & Manufacturing

Sl.No	USN	NAME	CGPA
1	1RV20MPD01	ABHISHEK K R	9.22
2	1RV20MPD02	ADITYA RAMACHANDRA HEGDE	8.83
3	1RV20MPD03	AKSHAY D G	8.68
4	1RV20MPD05	AMITH LAWRENCE	8.67
5	1RV20MPD06	ASHWATH KUMAR SUTAR Y	9.16
6	1RV20MPD07	ASIM ALI KHAN	
7	1RV20MPD08	BASAVARAJ G L	8.50
8	1RV20MPD10	HARSHITH RAJ A	7.86
9	1RV20MPD13	KIRAN N K	8.88
10	1RV20MPD16	MANOJPRABHAKAR M	8.59
11	1RV20MPD17	MD. AAMER AHAMED	8.55
12	1RV20MPD18	NAVEEN KUMAR A	8.81
13	1RV20MPD22	PREETHAM B M	8.95
14	1RV20MPD23	PREETHAM PRAJWAL H	9.05
15	1RV20MPD25	SAMANVITH K M	9.32
16	1RV20MPD26	SANTHOSH KUMAR M	9.18
	1RV20MPD27	SIDDALINGE GOWDA PATIL	8.27
17	1RV20MPD28	SOURABH RAHUL MOHRIR	8.76
18	1RV20MPD29	SUJAY K M	8.64
19	1RV20MPD30	SUNIL BELLAD	9.26
20	1RV20MPD31	TARUN B C	8.57

Machine Design

Sl.No	USN	NAME	CGPA
1	1RV20MMD03	ASHA S	
	1RV20MMD05	BUGADE GURU ESWAR PRASAD	**8.17**

2	1RV20MMD07	HARISH BHIMRAO SAVANT	9.18
3	1RV20MMD08	HARSHA S AKSHATI	8.41
4	1RV20MMD09	NAVEEN R G	8.95
5	1RV20MMD15	VINAY KUMAR	8.84
6	1RV20MMD16	VINEETH KANEKAL	9.05
	1RV20MMD17	Y SAI PRANAVATEJA	8.03
7	1RV20MMD18	YESHWANTH KUMAR T S	9.00

Computer Integrated Manufacturing

Sl.No	USN	NAME	CGPA
1	1RV20MCM01	BAQUAR ALI QURAISHI	8.16
2	1RV20MCM02	H S SHIVANANDA NAYAKA	8.39
3	1RV20MCM06	KARTHIK JAGADEESH ARALIKATTI	8.44
5	1RV20MCM07	MANISH M PATIL	8.53
6	1RV20MCM09	OMKAR SHANKARAYYA PURVIMATH	7.88
7	1RV20MCM14	SRINIVAS R	7.37
8	1RV20MCM15	SUSHET TADAHL	8.65

Biotechnology

Sl.No	USN	NAME	CGPA
1	1RV20BBT01	ANURADHA KOTI	9.39
2	1RV20BBT02	BRUNDA M R	8.68
3	1RV20BBT04	DEEPALI V PATIL	9.48
4	1RV20BBT05	INDUSHREE R	9.31
5	1RV20BBT06	KEERTHANA M	9.15
6	1RV20BBT07	LIKITHA S	8.89
7	1RV20BBT09	PRABANCH M M	7.91
8	1RV20BBT11	PRERANA PRAKASH	9.27
9	1RV20BBT13	RITWIJA BHATTACHARJEE	9.20
10	1RV20BBT16	SUSHMA C	9.38
11	1RV20BBT17	VARSHINI V	9.34
12	1RV20BBT10	PREETHI a	9.25

Computer Network Engineering

Sl.No	USN	NAME	CGPA
1	1RV20SCN01	ASHWITH K M	8.66
2	1RV20SCN02	BHANUPRASAD	8.45
3	1RV20SCN03	DEEPAK S	8.16
4	1RV20SCN04	KARTHIK S	9.05
5	1RV20SCN05	MAHESH SUBRAY HEGDE	8.09
6	1RV20SCN06	POLAKA RAKESH REDDY	8.09
7	1RV20SCN07	PRAJWAL N	7.89
8	1RV20SCN08	PRAMEYA R HEGADE	7.44
9	1RV20SCN09	RAMANJU B V	7.95
10	1RV20SCN10	SAGAR	7.44
11	1RV20SCN12	SUJAYANTH K VISHWAKARMA	8.13
12	1RV20SCN15	VIJAYAKUMAR F KURAHATTI	8.01
13	1RV20SCN16	VINAY N GOWDA	7.69

Computer Science & Engineering

Sl.No	USN	NAME	CGPA
1	1RV20SCS01	AKSHAYKUMAR S ATHANI	8.75
2	1RV20SCS02	ALTAF AHMED	7.66
3	1RV20SCS03	AVANI GOYAL	8.22
4	1RV20SCS04	BHARATH R	8.52
5	1RV20SCS06	LINGESH S	9.43
6	1RV20SCS07	PAVAN KUMAR C K	7.97
7	1RV20SCS08	RADHA K C	8.44
8	1RV20SCS09	RAHUL P	8.16
9	1RV20SCS11	RUQUIYA ANJUM	8.61
10	1RV20SCS13	SHAGUFTA S	8.81
11	1RV20SCS14	SHIVAPRASAD RAI B	9.07
12	1RV20SCS15	SINCHANA K	8.26
13	1RV20SCS16	SUSHMA GURURAJ KULKARNI	8.14
14	1RV20SCS18	VIJITHATHMA H V	8.52

Communication Systems

Sl.No	SIN/USN	NAME	CGPA
1	1RV20LCS01	ADARSHA KASHYAP H M	8.73
2	1RV20LCS02	ADITI	8.94
3	1RV20LCS04	AKASH RORIYA	8.92
4	1RV20LCS05	ANIRUDDA KULKARNI	8.68
5	1RV20LCS06	ARAVIND ANANT BHAT	8.49
6	1RV20LCS09	MADHUMATISHRIDHAR KUNTOJI	8.07
7	1RV20LCS10	MOHIT N RAATE	8.20
8	1RV20LCS12	POORVI PATIL	8.06
9	1RV20LCS13	PREETHA KAMATH B	7.80
10	1RV20LCS14	SHIVAKUMAR H TELI	8.33
11	1RV20LCS15	SHREEHITHA M U	9.06
12	1RV20LCS16	SHRUTHI M	8.99
13	1RV20LCS17	VAISHNAVI A DESAI	9.01

Digital Communication

Sl.No	USN	NAME	CGPA
1	1RV20LDC01	AJAY C N	8.55
2	1RV20LDC02	AMAL SABU	8.99
3	1RV20LDC03	AMRUTHA B V	8.78
4	1RV20LDC05	ANITA	7.93
5	1RV20LDC06	ASHWINI P R	8.42
6	1RV20LDC07	ASIMA SIDDIQA	9.06
7	1RV20LDC08	BHAVANI V PATIL	8.14
8	1RV20LDC10	KESHIHAA RUDRA GANA DEV V	8.05
9	1RV20LDC11	KIRAN PRABHAKAR	8.33
10	1RV20LDC12	LIKITHA T	9.28
11	1RV20LDC13	MONISHA R	8.56
12	1RV20LDC14	NETRAVATI S SULLAD	8.72
13	1RV20LDC15	NISHA U N	8.27
14	1RV20LDC16	PAVAN M	8.07
15	1RV20LDC17	PAVAN V GHAT	8.95
16	1RV20LDC18	PRATHAPA T	8.84

17	1RV20LDC20	RAHITI Y	8.00
18	1RV20LDC21	RAKSHITHA S K	8.09
19	1RV20LDC25	SHARMADA K	7.81
20	1RV20LDC27	SHRUTHI S	8.98
21	1RV20LDC28	SNEHA S	9.18
22	1RV20LDC29	VARUN KUMAR	8.08
23	1RV20LDC30	VISHNUPRIYA P B	8.83

Highway Technology

Sl.No	USN	NAME	CGPA
1	1RV20CHT01	DINESHGOUDA PARASANAGOUDA POLESHI	8.74
2	1RV20CHT02	GNYANESHKUMAR M S	8.64
3	1RV20CHT04	MANJUNATH B	9.00
4	1RV20CHT05	MAVEEN RAJ P M	8.61
5	1RV20CHT07	PRATEEK KAVALIKAI	8.44
6	1RV20CHT08	BHARATH BHUSHAN	8.53
7	1RV20CHT10	RONAK R K	9.25
8	1RV20CHT11	SHARADH B BHAT	8.59
9	1RV20CHT12	SHREYAS P	9.10
10	1RV20CHT16	VINAY BAGODI	8.42
11	1RV20CHT17	YALAMANCHILI NIKHIL	8.73
12	1RV20CHT18	YASHASWINI D V	9.15

Master of Computer Application (2020)

Sl.No	USN	NAME	CGPA
1	1RV20MC001	AKASHA D L	7.65
2	1RV20MC002	AKSHAY TN	8.15
3	1RV20MC003	AMAN RAJ	7.23
4	1RV20MC004	ANKITH KUMAR S K	7.43
5	1RV20MC005	ANKITHA SOWMYA	7.38
6	1RV20MC006	ANSH GUPTA	8.77
7	1RV20MC007	ANSHUL GOYAL	8.38
8	1RV20MC008	ANURAG SRIVASTAVA	7.29
9	1RV20MC010	ANUSHKA V	7.95
10	1RV20MC011	ANUSHREE P D	7.74
11	1RV20MC012	ASHISH BISHT	8.11
12	1RV20MC013	BHAGYASHREE IYAR M	8.80
13	1RV20MC014	DILEEP M G	8.27
14	1RV20MC015	DURGESH KUMAR	7.84
15	1RV20MC018	GANESH KUMAR M	7.87
16	1RV20MC019	GOURAV KUMAR	7.29
17	1RV20MC020	GOUTHAM A S	8.30
18	1RV20MC022	GURURAJ KONI	8.66
19	1RV20MC023	HANUMANTHA REDDY	8.32
20	1RV20MC025	HARSHA EKANATH BONGALE	7.88
21	1RV20MC026	HARSHA VARDHANA P D	8.44
22	1RV20MC028	ISHITA SARKAR	8.59
23	1RV20MC029	KAMARTHI BHOOMIKA	7.44
24	1RV20MC033	KIRAN NARASIMHA DIXIT	8.77
25	1RV20MC035	LALITH KUMAR M	8.05
26	1RV20MC036	LAXMIKANTH	7.09
27	1RV20MC037	LIKITHA S	8.83

28	1RV20MC040	MADHURYA MAHADEV	8.10
29	1RV20MC041	MAHAANKRISHNA	8.41
30	1RV20MC043	MANGALA DEVI N	7.51
31	1RV20MC044	MANISH KUMAR M	8.59
32	1RV20MC045	MANOJ KUMAR B L	7.53
33	1RV20MC046	MARCELO DONY PHILIP	7.63
34	1RV20MC047	MATHIAS RUSSEL RUDOLF RICHARD	8.44
35	1RV20MC048	MEGHA M	7.20
36	1RV20MC049	MITHUN T A	8.05
37	1RV20MC050	MOHAMMED SAQIB	7.80
38	1RV20MC051	MOHAMMED TAHSEEN AGWANI	8.47
39	1RV20MC052	MOHAN NAGAPPA PUJARI	8.17
40	1RV20MC053	MOHAN SHARMA V	8.22
41	1RV20MC054	NAGARATHNA	8.36
42	1RV20MC055	NANDAKUMAR MUGALI	8.08
43	1RV20MC056	NANDINI N S	8.16
44	1RV20MC057	NANDITHA S U	7.75
45	1RV20MC058	NAZIA ANJUM	8.47
46	1RV20MC059	NEHASH JAYKUMAR MADABHAVI	8.22
47	1RV20MC061	NIRMAL KUMAR R	8.29
48	1RV20MC062	NITHISH V M	8.19
49	1RV20MC063	ONKAR NALINKUMAR JADHAV	8.20
50	1RV20MC064	PADMASHREE T M	7.54
51	1RV20MC066	POOJA J	7.65
52	1RV20MC067	POOJA R	8.50
53	1RV20MC068	POOJITHA K	8.19
54	1RV20MC069	POORVIKA G N	7.64
55	1RV20MC070	PRANJALI PRAJWAL M	7.62
56	1RV20MC071	PRASHANTH B C	8.25
57	1RV20MC072	PRASHANTH K V	8.02
58	1RV20MC073	PRAVEEN M KALLAMMANAVAR	8.22
59	1RV20MC074	PRIYANKA	8.25
60	1RV20MC075	PULKIT NAGAR	8.07
61	1RV20MC076	R BHARATH	8.82
62	1RV20MC077	R VARUN PHUTANE	7.63
63	1RV20MC078	RACHANA A	7.52
64	1RV20MC079	RACHANA P M	8.18
65	1RV20MC080	RAGHURAM	8.53
66	1RV20MC081	RAKSHITA HIPPARGI	7.78
67	1RV20MC082	RAKSHITHA K B	8.74
68	1RV20MC083	RAMESH SINGH	7.89
69	1RV20MC084	RAMYA R AMBEKAR	8.31
70	1RV20MC086	ROSHITH K R	8.84
71	1RV20MC087	ROYSON LOBO	8.49
72	1RV20MC088	SACHIN M BAGEWADI	7.80
73	1RV20MC089	SAHANA R KORALLI	7.95
74	1RV20MC090	SAHANA J	8.18
75	1RV20MC091	SAHANA JAGADEESH BHAT	7.87
76	1RV20MC092	SAKIB NOORAHMED BAGEWADI	8.36
77	1RV20MC093	SANMATI RAJESHA HEGDE	8.60
78	1RV20MC095	SAURAV PADHY	7.44
79	1RV20MC097	SHILPASHREE N	8.20
80	1RV20MC098	SHIVAPUTRA	8.69
81	1RV20MC100	SHREYAS H S	7.97

82	1RV20MC102	SHUBHAM NIGAM	8.84
83	1RV20MC103	TALLURI JANARDHANAKRISHNA	7.39
84	1RV20MC104	TEJAS GOWDA D S	7.75
85	1RV20MC107	VATSAL PATEL	7.42
86	1RV20MC108	VIDYA ARADHYA G R	7.61
87	1RV20MC109	VIDYA K	7.39
88	1RV20MC110	VINAYKUMAR H R	7.70
89	1RV20MC111	VINOD H	7.68
90	1RV20MC112	VINOD KUMAR K	8.43
91	1RV20MC113	VISHAL GUPTA	7.06
92	1RV20MC114	VISHWANATH M S	8.11
93	1RV20MC115	VISHWAS D H	7.99
94	1RV20MC116	YASHAS P	8.72
95	1RV20MC117	YASHASWINI G	8.44
96	1RV20MC118	YASHASWINI S A	7.80
97	1RV20MC119	ATUL GUPTA	7.15

Master of Computer Applications (2019)

Sl.No	USN	NAME	CGPA
1	1RD19MCA01	SHAKTHIVEL S	8.84
2	1RD19MCA02	SHETTY PRATEEK SATISH	8.32
3	1RD19MCA03	SHILPA N	8.22
4	1RD19MCA06	SHWETA KUMARI	7.02
5	1RD19MCA07	SHWETA KUMARI	7.80
6	1RD19MCA08	SIDDHARTH SINGH RATHOUR	8.24
7	1RD19MCA11	SPANDANA A J	8.44
8	1RD19MCA12	SRIDEVI VATTIKUTI	8.17
9	1RD19MCA13	SRISHTI KUMARI	8.37
10	1RD19MCA14	SRUJAN P R	8.11
11	1RD19MCA15	SHUBHANKAR ROY	7.36
12	1RD19MCA17	SUDHIR SAHU	7.59
13	1RD19MCA18	SUHANA R GHASI	8.20
14	1RD19MCA19	SUMANA S	7.88
15	1RD19MCA21	SUMIT KUMAR SHRIWASTWA	7.97
16	1RD19MCA22	SWATI SUMAN	7.56
17	1RD19MCA23	TARUNRAJ SURESH LOHAR	7.98
18	1RD19MCA24	THEJASHREE R	8.17
19	1RD19MCA25	UMASHREE	8.03
20	1RD19MCA26	V VIDYA PRIYA	8.47
21	1RD19MCA27	V SANTHOSH KUMAR	8.48
22	1RD19MCA28	VARSHA ARUN DUTT	6.86
23	1RD19MCA29	VARUN KHILLEDAR J	7.24
24	1RD19MCA32	VIJAYLAXMI PATIL	7.78
25	1RD19MCA33	VIKAS RATNAKAR NAIK	7.91
26	1RD19MCA34	VINAY M C	7.45
27	1RD19MCA35	VINAY NARAYAN BHAT	8.61
28	1RD19MCA37	VISHWANATH MALLAPPA BAGALI	8.39
29	1RV19MCA01	ABHIJITH R	8.08
30	1RV19MCA02	ADITYA SUKHWAL	8.80
31	1RV19MCA04	AISHWARYA ROKHADE	8.36
32	1RV19MCA05	AMAAN KHAN	8.73
33	1RV19MCA06	AMBIKA BADIGER	8.17
34	1RV19MCA07	AMIT SHRIDHAR JADHAV	7.13

35	1RV19MCA08	ANKIT KUMAR	8.40
36	1RV19MCA09	ANOOSHA K R	7.80
37	1RV19MCA10	ANUSHA J	7.73
38	1RV19MCA11	ANUSHA M	8.02
39	1RV19MCA12	APOORVA B S	7.65
40	1RV19MCA13	ARANCHA SINHA	8.27
41	1RV19MCA14	ARCHANA N	7.91
42	1RV19MCA15	AROOSHI JAISWAL	7.33
43	1RV19MCA16	ASHISH BHARDWAJ	8.64
44	1RV19MCA17	ASHOK P	7.71
45	1RV19MCA18	ASHWINI KUMAR	7.53
46	1RV19MCA19	BHAGYA LAKSHMI V	8.33
47	1RV19MCA20	BISHWAJIT ADITYADEV	6.70
48	1RV19MCA21	CHAITRA B V	8.64
49	1RV19MCA23	CHETAN PATIL	7.99
50	1RV19MCA24	DARSHAN D	7.43
51	1RV19MCA25	DEVYANSH SAKLANI	9.01
52	1RV19MCA26	DIKSHA JAIN	9.00
53	1RV19MCA27	DINESH N	7.88
54	1RV19MCA28	GIREESH C HOSAKOPPA	7.51
55	1RV19MCA29	GOURAB KUNDU	8.70
56	1RV19MCA31	GURUDATTA N S	7.95
57	1RV19MCA32	HARSH MAHENDROO	7.38
58	1RV19MCA33	HARSHITH K N	8.12
59	1RV19MCA34	HIMANSHU KUMAR	7.44
60	1RV19MCA35	JANVI NAGESH NAIK	8.74
61	1RV19MCA36	JAYA SINGH	8.26
62	1RV19MCA38	K RAHUL KUMAR	7.31
63	1RV19MCA39	KAMAL SONAR	8.74
64	1RZ19MCA02	KONAKALLA S DURGA SATYANARAYANA VARAPRASAD	8.53
65	1RZ19MCA03	KOTRESHA K	8.44
66	1RZ19MCA04	KUMAR EKLAVYA	8.37
67	1RZ19MCA05	LAVANYA S	7.28
68	1RZ19MCA07	MAYURI BENAL	8.04
69	1RZ19MCA08	MIRAL KALAL	8.56
70	1RZ19MCA09	N DINAKARA	7.64
71	1RZ19MCA10	NAHAK HIMANSHU HADUBANDHU	9.02
72	1RZ19MCA11	NAVYA MANJU M	7.47
73	1RZ19MCA12	NAYANA GAJANAN NAIK	7.95
74	1RZ19MCA13	NIKHITA RAJU KALAL	7.88
75	1RZ19MCA14	NIKHITHA JAIN	7.94
76	1RZ19MCA15	NIRANJANA P DATTA	8.71
77	1RZ19MCA16	NIRMALA H G	7.45
78	1RZ19MCA17	NIVEDITA SATEESH SHASTRI	7.99
79	1RZ19MCA18	PALLAVI A	7.96
80	1RZ19MCA19	PIYUSH PRATIK	8.11
81	1RZ19MCA20	POOJA R	7.82
82	1RZ19MCA21	PRAGYA AGRAWAL	7.46
83	1RZ19MCA22	PRAGYA GAUTAM	7.58
84	1RZ19MCA23	PRAMOD PYATI	7.95
85	1RZ19MCA24	PRAMOD SIMHA B K	8.88
86	1RZ19MCA25	PREETAM SHARMA	8.58
87	1RZ19MCA26	RAKSHITA SOMASHEKHAR BHINGE	8.58

88	1RZ19MCA27	RAKSHITHA M P	7.73
89	1RZ19MCA28	RAMYA K N	8.13
90	1RZ19MCA29	RANI KUMARI	7.83
91	1RZ19MCA31	RIYA	8.03
92	1RZ19MCA32	ROHAN SINHA	8.04
93	1RZ19MCA33	RUCHITA GHATGE	8.61
94	1RZ19MCA34	SACHIN SURESH BHARAMAYYANAWAR	8.02
95	1RZ19MCA36	SAGAR M	8.08
96	1RZ19MCA37	SAHANA M	8.34
97	1RZ19MCA38	SAMEER AKHTAR A	6.95

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All sessions in India Time (Mumbai, GMT+05:30)
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1. Dr. K.N. Subramanya – Chairperson	18. Dr. Raviraj Kusanur – HoD, CHY
2. Dr. K.S. Geetha – Vice Principal	19. Dr. G. Jayalatha – I/c. HoD, MAT
3. Dr. R.S. Kulkarni – HoD, ASE	20. Dr. N.S. Narahari – IEM
4. Dr. B. Satish Babu – HoD, AI&ML	21. Dr. KVS Rajeshwara Rao – IEM
5. Dr. Vidya Niranjan – HoD, BT	22. Dr. B. Renuka Prasad – MCA
6. Dr. Vinod Kallur – HoD, CH	23. Dr. G. Shireesha – PHY
7. Dr. P. Ramakanth Kumar – HoD, CSE	24. Dr. M.V. Renukadevi – CV
8. Dr. Radhakrishna – HoD, CV	25. Dr. Rajashree Shettar – CSE
9. Dr. Ravish Aradhya – I/c. HoD, ECE	26. Dr. H.D. Gopalakrishna – ME
10. Dr. M.N. Dinesh – for HoD, EEE	27. Dr. G.S. Nagaraja – CSE
11. Dr. C.H. Renumadhavi – HoD, EIE	28. Dr. G.S. Mamatha – ISE
12. Dr. K. Sreelakshmi – HoD, ETE	29. Dr. A.V. Narayan - BT
13. Dr. B.M. Sagar – HoD, ISE	30. Dr. H.V. Kumaraswamy - ETE
14. Dr. C.K. Nagendra Gupta – HoD, IEM	31. Dr. G. Sadashivappa - CoE
15. Dr. M. Krishna – HoD, ME	32. Dr. B.V. Uma – Dean (SA)
16. Dr. Andhe Dharani – Director, MCA	33. Dr. Ravindra R - CV
17. Dr. M.K. Sudhakamath – HoD, PHY	34. Dr. N. Shanmukha – Member Secretary

External Members:

1) Dr. K.P. Shivananda – Principal, SITP-Tumkur	2) Dr. H.S. Prabhakara- Dean Operations, NCE-Hassan
3) Dr. M. Mathirajan – Professor, IISc.	

Leave of Absence:

1) Dr. Kavi Mahesh, IIIT-Dharwad 2) 4) Dr. Rajshekara Malur, TCE, B'luru.
3) Dr. M.H. Kori – Former Technical Director, Alcatel-Lucent Technologies,

The Chairman welcomed all the members and wished Happy New Year -2023.

Sub. No. 281: To read and record proceedings of the 34th Academic Council Meeting held on 20.8.2022 (Online) & Action Taken

The Chairman briefed the members about the proceedings of 34th Academic Council Meeting held on 20.8.2022 (Online) and Action Taken Report thereon. Since no comments were raised. the proceedings and action taken report were read and recorded.

Sub. No. 282: Information on the activities of RVCE.

The Chairman appraised the members about various activities carried out in the institution Since Aug. 2022-till date, through a presentation.

Dr Mathiarajan suggested that the institution could organize one day workshop on the activities of the established Centres of Excellence / Competence for students. He also suggested to include the NIRF Ranking among Pvt. Colleges, so that Institution Ranking will be more visible.

Sl. No.	Particulars	
1	Research / Consultancy project proposals submitted	22 / 5,18,46,783
2	Project grants received	03 / 18,88,433
3	Training / consultancy activities	35 / 60,75,231

4	Workshops / Seminars / Conference / Events Organized	27
5	Invited talks delivered by faculty	42
6	Expert Lectures organized by the depts.	13
7	No. of workshops / Seminars / Conferences / Online Webinars attended by Faculty/ Staff:	83
8	Journal Publications by Faculty (National / International)	0 / 58
9	Conference Publications by Faculty (National / International)	02 & 21
10	Book published/chapter authored by faculty	13 / 02
11	MoUs / MoA signed	12
12	Patent Filed / Published / Granted	0 / 1 / 2

PROJECT GRANT DETAILS FROM Aug. 2022 – till date

Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Released during Aug. 2022- till date
Design and Fabrication of flexible Artificial Basilar Epithelium	SERB	Dr. Uttarakumari M	ECE	29,97,500.00	**15,61,000.00**
AICTE Regional conference for UHV volunteers of Southern, South-Central, South-Western Region conducted during 28th to 30th April 2022	AICTE	Dr.Renukardevi M	Civil	1,27,433.00	**1,27,433.00**
BB84 Quantum key distribution (QKD) scheme demonstration using short LASER pulses and its applications	KSCST	Dr.B Sathish Babu	AI&ML	2,00,000.00	**2,00,000.00**
TOTAL (Rupees)				**32,24,933.00**	**18,88,433.00**

CONSULTANCY GRANTS DETAILS FROM Aug. 2022 – till date

Coordinator	Dept.	Funding Agency	Description of consultancy / training work	Receipt during 2022-2023
Nethravathi K A	ECE	Nokia Technologies Oy	Beneficiary invention reward	2,71,600.00
Minal	CSE	The Director, Centre for Artificial	Assessment of privacy protection in the encrypted DNS protocols (DoH/DoT) and extension of the analysis to high speed	1,95,998.00
Raghavendra T	Civil	Megha Engineering & Infrastructures	"Proof checking / Vetting of the structural design and drawings-pavagada Project RDWS Dept, GoK	20,06,000.00
Mahesh A	ECE	Nanorama Technologies Private	Measurement charge for 1 days Anechoic chamber	15,340.00
Mahesh A	ECE	Huber Suhner Electronics Pvt Limited	Measurement charge for 2 days Anechoic chamber	30,680.00
Rvce	Principal	San Prints Private Limited	COMED-K exam on 19th June 2022	61,643.20

Shushruth K S	ECE	The Director, CSIR-NAL	Measurement charge for 3 days Anechoic chamber	46,020.00
Shushruth K S	ECE	Wavcom Technology Private Limited	Measurement charge for 1 days Anechoic chamber	15,340.00
Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on " Complete Networking Fundamentals"	58,056.00
Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on " Embedded System Design and development"	58,056.00
Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on " Mechanical for Non-Mechanical Engineers"	58,056.00
Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on " Electronics for Non-Electronics Engineers "	58,056.00
Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on " Advance Digital Commnication",	57,348.00
Shushruth K S	ECE	Apparatus Automation Pvt Ltd.	Measurement charge for 1 day Anechoic chamber	18,880.00
Nethravathi	ECE	LRDE	CARS project for "Modelling, Simulation, Comparative performance Evaluation and Firmware implementation of Adaptive Digital Beam forming techniques for optimized irregular sub-array based active Phased Array Radar"	3,09,750.00
Satheesh	IDRC	Uperq Technologies India Private Limited	Deposition & optimization of Niobium and Niobium/Titanium/ MgO thins film using HHV sputter 100 tool	71,095.00
Renukaprasad	MCA	C B K Infotech India Pvt Limited	Dudha Mathia project ICT enabled Lab setup Deployment of ICT tools and software training on creating learning resource for offline usage and remote training and monitoring	2,75,999.64
Hod Ece	ECE	Devic Earth Pvt Ltd	"Simulation studies to inderstand the properties of pure skies Omnidirectional Antenna" 2nd Instalment	56,640.00
Shushruth K S	ECE	Lekha Wireless Solutions Private Limited	Measurement charge for 1 days Anechoic chamber	15,340.00
Renuka Prasad	MCA	Electronic Automation Private Limited	IoT Integration for EAPL Multi function	88,500.00
Badrinath	CSE	Electronic Automation Private Limited	Software developmentfor Time Switch_30% Advance payment	17,700.00
Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on" Fundamentals of Network Security"	41,064.00

Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on " Essentials of FPGA	20,532.00
Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on " RF Fundamentals	39,176.00
Vidya Nirajan	Bio-tech	Reckitt Benckiser India Private Ltd	Determination of effect of RB naturals on human Proteome to estimate its safety"	3,68,750.00
Shushruth K S	ECE	Bharat Electronics Limited	An Orientation programme on " Fundamentals of Security"	39,648.00
Vidya Nirajan	Bio-tech	Reckitt Benckiser India Private Ltd	Determination of effect of RB naturals on human Proteome to estimate its safety"	3,68,750.00
Shushruth K S	ECE	Wavcom Technology Pvt. Ltd.	Measurement charge for 2days Anechoic chamber	30,680.00
Shushruth K S	ECE	Avgarde Systems Private Limited	Measurement charge for 1day Anechoic chamber	7,670.00
Renuka Prasad	MCA	St. Joseph Engineering College	Lab setup and maintenance support experiment design for different branches adequate competency on IoT projects	1,97,999.28
Renuka Prasad	MCA	St. Joseph Engineering College	Lab setup and maintenance support experiment design for different branches adequate competency on IoT projects	50,000.14
Dr.Anala M R	ISE	ABB Global Industries and services	ABB Architecture Comparison Tool	3,54,000.00
Dr.Anjaneyappa	CIVIL	Chief Engineer, Water transport dept	Three days Training Program on " Road Safety	2,84,380.00
HoD-CSE	CSE	Dhanya Plastics & Foams Private Ltd	Design & Development of static webpage	2,36,000.00
Civil department	Civil	--	Testing charges	2,50,484.00
TOTAL (Rupees)				**60,75,231.00**

2022 IEEE HAC/SIGHT Projects

1. Project Title: "Awareness Creation and Detection of Vector Borne Disease -Dengue for Public Health" (22-HAC-128)
Coordinator: **Dr. J. Usha, MCA Dept.**
Sanctioned Amount: US$ 4,100 [Rs.3,36,938]
1st Instalment grant received: **Rs. 1,68,469 Dt. 30 Dec 2022.**

2. Project Title: "Design and implementation of an incinerator for a rural high school village community centre"
Coordinator: **Dr. A. Mahesha, E&CE Dept.**
Sanctioned Amount: US$ 4,600 [~Rs.3,68,00]
1st instalment grant received: **Rs. 1,80,000**

RV College of Engineering, Bengaluru-59.

Proceedings of 35th Academic Council Meeting held on 03rd Jan. 2023





Year	2022
Total Score	40.73
Overall Rank	89
TLR	30
RPC	13
GO	21
OI	17
PR	34
No. of Colleges participated	1249





Sri. K.G. Subbarama Setty, Hon. Treasurer-RSST, conferred with *Karnataka Rajyotsava Award -2022*, by the Govt. of Karnataka, for his contribution in the field of *'Education' & Social Service*, during Nov- 2022



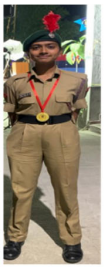
Dr. K.N. Subramanya - Nominated as Member of the Task Force Committee for implementation of NEP-2020 by VTU



RVCE conferred with the *Kreeda Poshaka (Sports Promoters) Award* from the Government of Karnataka in the field of sports for the year 2020-21. The award includes Rs. 5.0 Lakhs cash prize and Certificate.



- RVCE-CSE Students won 1st Prize in Smart India Hackothon-2022, August-2022.
- Prime Minister Sri. Narendra Modi Appreciated the Student's Project.



Cadet Gold Medal of Karnataka and Goa directorate Aparna Kashyap, 2nd sem. Biotechnology dept.



NCC Cadet S. Sanjay Raju selected from Karnataka and Goa directorate joined the delegation as part of Youth Exchange Programme-2022 held at Bangladesh from 12-23 Dec. 2022.



Centres of Excellence

Centre for AI Research and Business Solutions

The COE is created jointly by RV College of Engineering and Boston Ltd. UK to cater to the application of Artificial Intelligence, Machine learning, and Deep learning in the research and development of business solutions

BOSTON Servers | Storage | Solutions

- **Expertise**

Data Science & Analytic Solution
Computer Vision Applications
Graphcore IPU-based Deep Learning Solution
Intel OneAPI Programming Model





- **Facilities**

Graphcore IPU-M2000- POD4 machine

Centre for Visual Computing

The Centre facilitates execution of computationally intensive research works in various state-of-the-art domains including Edge Computing, Parallel Programming, AI&ML.



- **Expertise**

Food, Nutrition, Environment and Agriculture
Medical Imaging and Dentistry
Machining and Novel view synthesis
Remote Sensing and Geo Informatics



- **Facilities**

GPU Cards (Quadro RTX, Titan X Pascal), Development Kits (Jetson Nano, RaspberryPi), Workstations

Centres of Competence



Inauguration of RV-Decibels Lab. Centre on 21st Oct. 2022.
Activity: Training students, predominantly on design of Electric Vehicle Technologies.



Inauguration of 'Automotive Mechatronics Lab' on 8th Dec. 2022
Mr. Go Leslie Goeltinger, Overseas Head, Customer Services, Mercedes Benz - Chief Guest
Sri Shekhar Bhide, VP- Customer Services & Corporate Affairs, MBIL - Guest of Honour
Dr. M P Shyam, President, RSST- Presided

International Conferences organized



RVCE jointly organized three days International Conference on Artificial Intelligence and Machine Learning in Applied Biotechnology (AIMLBIO) in association with Bangalore Bioinnovation Centre (BBC) from 8th to 10th December 2022.

Total Papers received: 104 Accepted: 46
Participants: 150 Participants



RVCE in association with Florida International University (FIU), Miami, USA, & IEEE Bangalore Section organized 6th International Conference on "Computational Systems and Information Technology for Sustainable Solutions [CSITSS – 2022]" from 21st to 23rd Dec. 2022.
Total Papers received: 233 Accepted: 50
Participants: 300 Pre-Conference Tutorials
100 Participants

SIP – Activities (as per AICTE) – 2022-23



Mr. A H Sagar
International Educationalist, Philosopher,
"New Hopes & Prospects for Students in our Changing World"
21 Nov. 2022



Mr. Venkatesh Murthy
Executive Director of "Youth for Seva
"Leadership through Social Service"
21 Nov. 2022



Mr. Yashodeep D
Founder, Derrick Petroleum Services.
"Indian Epic"
22 Nov. 2022



Mr. Srinivasulu, IFS
"Environmental Sustenance, A Plethora for Engineers"
22 Nov. 2022



Sri Parasuraman T R
Toyota Industries Engine India Private Limited, .
"Motivation to become better Engineer"
23 Nov. 2022



Dr. H.V. Shivaram
Academic Director, Aster CMI Hospital, Bengaluru
"Health, Fitness, Lifestyle Diseases, Weight Management"
23 Nov. 2022



Smt. Rekha Ramachandra
Founder & Secretary, Disha Bharat.
"Introduction - Team Disha"
23 Nov. 2022



Dr. V.B. Arathi
Chairperson, Vibhu Academy
"Indian Knowledge System"
24 Nov. 2022



Mr. Dilip Patil
Entrepreneur & Trainer
"Life Balancing Skills"
25 Nov. 2022



Ms. Nivedha M.
MD, Trashcon
"Entrepremeurship"
24 Nov. 2022

UHV Sessions by RVCE Trained faculty 2022-23



Dr. M.V. Renukadevi
"Self: Self exploration, Right understanding, Right feeling, Self & Body Co-existence etc."
28 Nov. 2022



Dr. K. Badarinath
"Harmony in self: Program for Happiness and Health."
28 Nov. 2022



Dr. Shantha Rangaswamy & Dr. D.N. Avadhani
"Harmony in Family: Evaluating Trust, Right evaluation, Respect, Reverence, Glory, Gratitude, Affection, Love"
29 Nov. 2022



Dr. Usha J
"Harmony in Family - Glory, Gratitude, Love"
29 Nov. 2022



Dr. Mamatha G.S. Dr. Ramaa A & Dr. Sham Aan M.P
"Harmony in Society"
30 Nov. 2022



Dr. Rajashree Shettar, Dr. KVS Rajeswara Rao & Dr. M. Lokeshwari
"Harmony in Nature"
30 Nov. 2022

Glimpses of SIP 2022



New Hopes & Prospects for Students in our Changing World by *Mr. A.H Sagar*



UHV session by Disha Bharath Team



Indian Knowledge System By Dr. Arathi V B



Health and Fitness by Dr. Shivaram H.V



Motivation to become better Engineer by *Sri T.R. Parasuraman*



Indian Ethics by *Mr. Yashodeep D*



Culture Activities: creative Practice session on 29,30 Nov 22

Art of Living Visit on 26 Nov 2022



Goshala at AOL



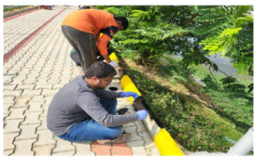
Session at AOL

Cleaning and Lake rejuvenation on 2nd Dec 22









Campus Tour – Representative Centres

Date & Time	28.11.2022, 2:00PM – 4.30PM
Key points of session	The students were taken to visit various COE centers and technical clubs
RVCE Morris Garage Centre for EV Technology	At this COE students were shown the working model of the MG Electrical Vehicle. All the students were excited and keenly observed the explanations.
RV Mercedes Benz Automation centre	At this COE students were briefed about the mechanical Module: Engine - Modern engines and their functions, Electronics Module: Basic Electrics of the Mercedes Benz car. All the students keenly observed the explanations and interacted with the expert team.
RV-Toyota Kirloskar Motors	At this COE students were briefed about the Kirloskar air cooled and water cooled diesel engines. They also demonstrated the working which students found to be fascinating. All the students interacted with the expert team by asking few questions.
Connected Vehicles: WIRIN	At this COE students were briefed about the autonomous vehicle delevopment. They were briefed about the modules and ongoing project development. They were also told about the upcomming simulation projects where the students can join as part of internship programme and contribute. All the students interacted with the expert team by asking few questions.
Automation & Robotics	At this COE students were demonstrated the working of Industrial robot and its working.

RV College of Engineering, Bengaluru-59.

Proceedings of 35th Academic Council Meeting held on 03rd Jan. 2023

Campus Tour – Representative Centres





RV Mercedes Benz Automation centre



RV Toyota Kirloskar Motor Centre







Students at Connected Vehicles: WIRIN

Sub. No. 283: To approve the scheme & syllabus of I year B.E programs of 2022 scheme.

The Chairman briefed about the revised structure of the scheme, which is prepared based on the VTU guidelines. Various Board of Studies chairperson have appraised the council regarding scheme and syllabus of I year B.E. programs of 2022 scheme. **(Annex. A)**

The Chairman also appraised that, from the academic year 2022-23, the institution is bringing out a Formula Handbook by the departments for first year BE students.

Following discussions / suggestions were made during the deliberations.

1) The Chairman suggested that Lab. Experiments can be made into group cycle.
2) Dr. Mathiarajan suggested to use the word "Fundamental / Applied / Basics" in the unit chapters. He suggested that the respective Boards should ensure 60% of the syllabus to be included from one book. He also suggested that every unit should have a glossary.
3) Dr. H.S. Prabhakara suggested to incorporate the words like 'Principles', 'Elements', 'Fundamentals' or 'Basics' in the syllabus.
4) The Chairman suggested to change ordering of units in Mechanical Engineering syllabus.

Dr. Mathiarajan sought details of No. of students registered for each course. The Member Secretary provided the list of students opted for the course as under:

PROGRAMMING LANGUAGE COURSES IN FIRST SEMESTER B.E. PROGRAMS					
Sl.No	**BoS**	**Course Code**	**COURSE TITLE**	**Credits**	**No. Registered**
1	AI	22PL15A	Introduction to Python programming	3	346
2	CS	22PL15B	Introduction to Web programming	3	37
3	CS	22PL15C	Basics of Java programming	3	113
4	IS	22PL15D	Introduction to C++ Programming	3	198
					694

EMERGING TECHNOLOGY COURSES				
Sl.No	**BoS**	**Course Code**	**EMERGING TECHNOLOGY COURSE**	**No. Registered**
1	AI	22EM101	Introduction to Internet of Things	186
2	AS	22EM102	Introduction to Drone Technology	85
3	CS	22EM105	Elements of Blockchain Technology	77

4	CS	22EM106	Introduction to Cyber Security	88
5	CHY	22EM109	Fundamental of Nanoscience & Technology	31
6	EC	22EM110	Fundamentals of Semiconductor Devices	30
7	EC	22EM111	Introduction to Embedded Systems	39
8	EE	22EM112	Renewable Energy Sources	54
9	EI	22EM113	Fundamentals of Sensor Technology	38
10	ME	22EM117	Elements of Industry 4.0	49
				677

ENGINEERING SCIENCE-I COURSES IN FIRST SEM B.E. PROGRAMS					
Sl.No	**BoS**	**Course Code**	**COURSE TITLE**	**Credits**	**Total**
1	CS	22ES14A	Introduction to C Programming	3	577
2	CV	22ES14B	Elements of Civil Engineering	3	109
3	EC	22ES14C	Principles of Electronics Engineering	3	357
4	EE	22ES14D	Basics of Electrical Engineering	3	151
5	ME	22ES14E	Fundamentals of Mechanical Engineering	3	188
					1382

Resolution: After a detailed discussion, the Council approved the scheme & syllabus of I year B.E. programs of 2022 scheme and suggested to incorporate the changes before distributing it to the students.

Sub. No. 284: Discussion on the scheme of I & II year M.Tech programs of 2022 scheme.

and

Sub. No. 285: To approve the scheme and syllabus of I year M.Tech programs of 2022 scheme.

The Chairman briefed the members about the scheme structure of I & II year M.Tech programs of 2022 scheme. **(Annex. B)**

The external experts have suggested to change the terminology of Research Methodology to "Research Methodology" OR "Basic Research Methodology" and common to all programs.

The experts also suggested to change the nomenclature of Industry based elective as "Professional Elective / Activity".

Dr. Mathirajan suggested that the institution could make it mandatory for M.Tech students to write one research paper compulsorily.

After a detailed discussion, it was agreed that – CIE & Experiential Learning could be evaluated by respective departments. Common Board for Research Methodology will be IEM Department.

Resolution: The Council approved the scheme and syllabus of I year M.Tech programs of 2022 scheme and suggested to incorporate the changes, before distributing it to the students.

Sub. No. 286: To approve the academic guidelines for 2022 scheme, as per the new VTU regulations.

and

Sub. No. 287: To approve the examination guidelines for 2022 scheme, as per the new VTU regulations.

The Chairman briefed about the academic and examination guidelines for 2022 scheme, as per the new VTU guidelines, through a presentation. **(Annex. C)**.

RV College of Engineering, Bengaluru-59.

Proceedings of 35th Academic Council Meeting held on 03rd Jan. 2023

Resolution: After a detailed discussion, the Council approved the academic and examination guidelines for 2022 scheme.

Sub. No. 288: Result analysis of UG programs

and

Sub. No. 289: Result analysis of M.Tech and MCA programs.

The chairman briefed about the result analysis of UG and PG programs.

UG Program Result Analysis (Academic Year 2021-22)

S. No.	Program Name	Sanctioned Intake	No. of Students (Admitted)	Semester – 2			Semester – 4			Semester - 6		
				No. of Students (Appeared)	No. of Students (Passed)	Pass Percentage	No. of Students (Appeared)	No. of Students (Passed)	Pass Percentage	No. of Students (Appeared)	No. of Students (Passed)	Pass Percentage
1	AI & ML	60	62	62	57	91.94						
2	AS	60	62	62	46	74.19	69	52	75.36	72	70	97.22
3	BT	60	61	62	48	77.42	59	48	81.36	53	51	96.23
4	CH	40	41	41	33	80.49	42	33	78.57	37	32	86.49
5	CS	180	192	192	174	90.63	213	183	85.92	215	195	90.70
6	CV	120	126	126	74	58.73	129	96	74.42	141	116	82.27
7	EC	180	190	190	170	89.47	205	152	74.15	209	189	90.43
8	EE	60	64	64	52	81.25	71	53	74.65	73	64	87.67
9	EI	60	62	62	50	80.65	64	43	67.19	64	58	90.63
10	IM	60	62	62	38	61.29	67	56	83.58	67	63	94.03
11	IS	60	63	63	59	93.65	69	58	84.06	72	69	95.83
12	ME	120	121	121	93	76.86	135	121	89.63	148	118	79.73
13	TE	60	63	63	52	82.54	69	47	68.12	68	61	89.71

PG Program Result Analysis – Semester: 2 (Academic Year 2021-22)

M.Tech Programs

Sl. No.	Program Name	Sanctioned Intake	No. of Students (Admitted)	No. of Students (Appeared)	No. of Students (Passed)	Pass %
1	Product Design and Manufacturing	36	28	28	27	96.43
2	Digital Communication	18	16	16	14	87.50
3	Computer Science and Engineering	18	16	16	16	100.00
4	Computer Integrated Manufacturing	18	10	10	9	90.00
5	VLSI Design and Embedded Systems	36	35	35	33	94.29
6	Computer Network Engineering	18	15	15	15	100.00
7	Machine Design	18	18	18	18	100.00
8	Power Electronics	18	16	16	13	81.25
9	Communication Systems	18	6	6	3	50.00
10	Structural Engineering	18	18	17	16	94.12
11	Software Engineering	18	14	14	13	92.86
12	Information Technology	18	14	14	14	100.00
13	Highway Technology	18	12	12	11	91.67
14	Biotechnology	18	16	16	16	100.00
15	Radio Frequency and Microwave Engineering	18	2	2	2	100.00

MCA

16	Master of Computer Applications	120	120	120	108	90.00

Sub. No. 290: Any other subject/s.

(a) Provision for mentally / physically challenged students to take courses partially in regular and makeup.

The chairman briefed that there are a few cases of mentally / physically challenged students who are not cope up to take all courses in the regular examination. In such cases, the students will be provided an opportunity to take courses partially in regular and makeup examination, after scrutiny of the documents submitted by the candidate to the Examination Committee of the college.

(b) Examination fees not to collect from sports and NCC students represented college for makeup examination.

The Chairman briefed such of the students who represented the College / University and participate in Sports / NCC / NSS and allied activities, are exempted to pay the examination fees during Makeup examination.

(c) Decentralization of SEE evaluation, evaluation through departments only. Need to send only SEE and CIE to CoE to grading the candidates.

The chairman briefed that the institution has decentralised SEE evaluation process of PG programs at the respective department level. It is proposed to extend the same to UG programs also from the Academic Year 2022-23.

(d) Revised MP registrations.

The Chairman also briefed that the VTU has issued modified Malpractice Guidelines. Accordingly, the institution has revised the Malpractice Guidelines.

Resolution: The council unanimously endorsed its approval for Sub. No. 290 (a) to (d).

The meeting concluded with thanks to the chair.

20/01/23

Member Secretary

Member Secretary
Academic Council
RV College of Engineering (Autonomous)
Bangalore-560 059

RV College of Engineering, Bengaluru-59.

Proceedings of 35th Academic Council Meeting held on 03rd Jan. 2023

Annexure – A

2022 SCHEME CREDIT STRUCTURE FOR FIRST YEAR B.E. PROGRAMS (WEF 2022)

CS stream

2022 SCHEME - CREDITS AND COMPONENTS

I SEMESTER: CHEMISTRY CYCLE (CS STREAM) AI, BT, CS, CD, CY & IS

Sl. No.	Course Code	Course Title	BoS	Credit Allocation				Category	CIE Duration (H)	Max Marks CIE		SEE Duration (Hrs)	Max Marks SEE	
				L	T	P	Total			Theory	Lab		Theory	Lab
1	22MA11C	Fundamentals of Linear Algebra, Calculus and Statistics	MA	3	1	0	4	Theory	1.5	100	***	3	100	***
2	22CHY12A	Chemistry Of Smart Materials And Devices	CHY	2	1	1	4	Theory+Lab	1.5	100	***	3	100	***
3	22MECD13	Computer Aided Engineering Graphics	ME	1	0	2	3	Lab	1.5	***	50	3	***	50
4	22ES14X	Engineering Science Course - I	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
5	22PL15X	Programming Languages Course	XX	2	0	1	3	Theory+Lab	1.5	100	***	3	100	***
6	22HSE16	Communicative English-I	HSS	0	0	1	1	Lab	1	***	50	2	***	50
7	22HSI17	Fundamentals of Indian Constitution	HSS	1	0	0	1	Theory	1	50	***	2	50	***
8	22HSYI8	Scientific Foundations of Health-Yoga Practice	HSS	0	0	1	1	Lab	1	***	50	2	***	50
				12	2	6	20							

II SEMESTER: PHYSICS CYCLE (CS STREAM) AI, BT, CS, CD, CY & IS

Sl. No.	Course Code	Course Title	BoS	Credit Allocation				Category	CIE Duration (H)	Max Marks CIE		SEE Duration (Hrs)	Max Marks SEE	
				L	T	P	Total			Theory	Lab		Theory	Lab
1	22MA21C	Number Theory, Vector Calculus and Computational Methods	MA	3	1	0	4	Theory	1.5	100	***	3	100	***
2	22PHY22B	Quantum Physics for Engineers	PHY	2	1	1	4	Theory+Lab	1.5	100	***	3	100	***
3	22CS23	Principles of Programming Using C	CS	2	0	1	3	Theory+Lab	1.5	100	***	3	100	***
4	22ES24X	Engineering Science Course-II	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
5	22EM2XX	Emerging Technology Course	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
6	22HSE26	Communicative English-II	HSS	0	0	1	1	Lab	1	***	50	2	***	50
7	22HSAK27/ 22HSVK27	Adalitha Kannada / Vyavaharika Kannada (Samskrutika Kannada/ Balake Kannada)	HSS	1	0	0	1	Theory	1	50	***	2	50	***
8	22ME28	IDEA LAB (Idea Development, Evaluation & Application)	ME	0	0	1	1	Lab	2	***	50	2	***	50
				14	2	4	20							

CV stream

I SEMESTER: CHEMISTRY CYCLE (CV STREAM) CV

Sl. No.	Course Code	Course Title	BoS	Credit Allocation				Category	CIE Duration (H)	Max Marks CIE		SEE Duration (Hrs)	Max Marks SEE	
				L	T	P	Total			Theory	Lab		Theory	Lab
1	22MA11D	Applied Mathematics – I	MA	3	1	0	4	Theory	1.5	100	***	3	100	***
2	22CHY12B	Engineering And Environmental Chemistry	CHY	2	1	1	4	Theory+Lab	1.5	100	***	3	100	***
3	22MECD13	Computer Aided Engineering Graphics	ME	1	0	2	3	Lab	1.5	***	50	3	***	50
4	22ES14X	Engineering Science Course - I	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
5	22PL15X	Programming Languages Course	XX	2	0	1	3	Theory+Lab	1.5	100	***	3	100	***
6	22HSE16	Communicative English-I	HSS	0	0	1	1	Lab	1	***	50	2	***	50
7	22HSI17	Fundamentals of Indian Constitution	HSS	1	0	0	1	Theory	1	50	***	2	50	***
8	22HSYI8	Scientific Foundations of Health-Yoga Practice	HSS	0	0	1	1	Lab	1	***	50	2	***	50
				12	2	6	20							

II SEMESTER: PHYSICS CYCLE (CV STREAM) CV

Sl. No.	Course Code	Course Title	BoS	Credit Allocation				Category	CIE Duration (H)	Max Marks CIE		SEE Duration (H)	Max Marks SEE	
				L	T	P	Total			Theory	Lab		Theory	Lab
1	22MA21D	Applied Mathematics – II	MA	3	1	0	4	Theory	1.5	100	***	3	100	***
2	22PHY22C	Quantum Physics for Engineers	PHY	2	1	1	4	Theory+Lab	1.5	100	***	3	100	***
3	22CV23	Engineering Mechanics	CV	3	0	0	3	Theory	1.5	100	***	3	100	***
4	22ES24X	Engineering Science Course-II	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
5	22EM2XX	Emerging Technology Course	XX	3	0	0	3	Theory	1	100	***	3	100	***
6	22HSE26	Communicative English-II	HSS	0	0	1	1	Lab	1	***	50	2	***	50
7	22HSAK27/ 22HSVK27	Adalitha Kannada / Vyavaharika Kannada (Samskrutika Kannada/ Balake Kannada)	HSS	1	0	0	1	Theory	1	50	***	2	50	***
8	22ME28	IDEA LAB (Idea Development, Evaluation & Application)	ME	0	0	1	1	Lab	2	***	50	2	***	50
				15	2	3	20							

ME stream:

I SEMESTER: PHYSICS CYCLE (ME STREAM) AS, CH, IM & ME

Sl. No.	Course Code	Course Title	BoS	Credit Allocation				Category	CIE Duration (H)	Max Marks CIE		SEE Duration (H)	Max Marks SEE	
				L	T	P	Total			Theory	Lab		Theory	Lab
1	22MA11B	Fundamentals of Linear Algebra, Calculus and Differential Equations	MA	3	1	0	4	Theory	1.5	100	***	3	100	***
2	22PHY12B	Classical Physics for Engineers	PHY	2	1	1	4	Theory+Lab	1.5	100	***	3	100	***
3	22ME13	Elements of Mechanical Engineering	ME	2	1	0	3	Theory	1.5	100	***	3	100	***
4	22ES14X	Engineering Science Course - I	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
5	22EM1XX	Emerging Technology Course	XX	3	0	0	3	Theory	1	100	***	3	100	***
6	22HSE16	Communicative English-I	HSS	0	0	1	1	Lab	1	***	50	2	***	50
7	22HSAK17/ 22HSVK17	Adalitha Kannada / Vyavaharika Kannada (Samskrutika Kannada/ Balake Kannada)	HSS	1	0	0	1	Theory	1	50	***	2	50	***
8	22ME18	IDEA LAB (Idea Development, Evaluation &	ME	0	0	1	1	Lab	2	***	50	2	***	50
				14	3	3	20							

II SEMESTER: CHEMISTRY CYCLE (ME STREAM) AS, CH, IM & ME

Sl. No.	Course Code	Course Title	BoS	Credit Allocation				Category	CIE Duration (H)	Max Marks CIE		SEE Duration (Hrs)	Max Marks SEE	
				L	T	P	Total			Theory	Lab		Theory	Lab
1	22MA21B	Vector Calculus and Computational Methods	MA	3	1	0	4	Theory	1.5	100	***	3	100	***
2	22CHY22D	Chemistry of Engineering materials	CHY	2	1	1	4	Theory+Lab	1.5	100	***	3	100	***
3	22MECD23	Computer Aided Engineering Graphics	ME	1	0	2	3	Lab	1.5	***	50	3	***	50
4	22ES24X	Engineering Science Course-II	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
5	22PL25X	Programming Languages Course	XX	2	0	1	3	Theory+Lab	1.5	100	***	3	100	***
6	22HSE26	Communicative English-II	HSS	0	0	1	1	Lab	1	***	50	2	***	50
7	22HSI27	Fundamentals of Indian Constitution	HSS	1	0	0	1	Theory	1	50	***	2	50	***
8	22HSY28	Scientific Foundations of Health-Yoga Practice	HSS	0	0	1	1	Lab	1	***	50	2	***	50
				12	2	6	20							

EC Stream:

I SEMESTER: PHYSICS CYCLE (EC STREAM) EC, EE, EI & ET

Sl. No.	Course Code	Course Title	BoS	Credit Allocation				Category	CIE Duration (H)	Max Marks CIE		SEE Duration (Hrs)	Max Marks SEE	
				L	T	P	Total			Theory	Lab		Theory	Lab
1	22MA11A	Fundamentals of Linear Algebra, Calculus and Numerical Methods	MA	3	1	0	4	Theory	1.5	100	***		100	***
2	22PHY12A	Condensed Matter Physics for Engineers	PHY	2	1	1	4	Theory+Lab	1.5	100	***	3	100	***
3	22EC13	Basic Electronics (Common to EC, EI & ET Programs)	EC	2	1	0	3	Theory	1.5	100	***	3	100	***
	22EE13	Elements of Electrical Engineering (Only for EE Program)	EE					Theory	1.5	100	***	3	100	***
4	22ES14X	Engineering Science Course - I	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
5	22EM1XX	Emerging Technology Course	XX	3	0	0	3	Theory	1	100	***	3	100	***
6	22HSE16	Communicative English-I	HSS	0	0	1	1	Lab	1	***	50	2	***	50
7	22HSAK17/ 22HSVK17	Adalitha Kannada / Vyavaharika Kannada (Samskrutika Kannada/ Balake Kannada)	HSS	1	0	0	1	Theory	1	50	***	2	50	***
8	22ME18	IDEA LAB (Idea Development, Evaluation & Application)	ME	0	0	1	1	Lab	2	***	50	2	***	50
				14	3	3	20							

II SEMESTER: CHEMISTRY CYCLE (EC STREAM) EC, EE, EI & ET

Sl. No.	Course Code	Course Title	BoS	Credit Allocation				Category	CIE Duration (H)	Max Marks CIE		SEE Duration (H)	Max Marks SEE	
				L	T	P	Total			Theory	Lab		Theory	Lab
1	22MA21A	Vector Calculus, Laplace Transform and Numerical Methods	MA	3	1	0	4	Theory	1.5	100	***	3	100	***
2	22CHY22C	Chemistry of functional materials	CHY	2	1	1	4	Theory+Lab	1.5	100	***	3	100	***
3	22MECD23	Computer Aided Engineering Graphics	ME	2	0	1	3	Lab	1.5	***	50	3	***	50
4	22ES24X	Engineering Science Course-II	XX	3	0	0	3	Theory	1.5	100	***	3	100	***
5	22PL25X	Programming Languages Course	XX	2	0	1	3	Theory+Lab	1.5	100	***	3	100	***
6	22HSE26	Communicative English-II	HSS	0	0	1	1	Lab	1	***	50	2	***	50
7	22HSI27	Fundamentals of Indian Constitution	HSS	1	0	0	1	Theory	1	50	***	2	50	***
8	22HSY28	Scientific Foundations of Health-Yoga Practice	HSS	0	0	1	1	Lab	1	***	50	2	***	50
				13	2	5	20							

M.Tech 2022 Scheme Structure

M.Tech in Biotechnology: MBT

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11AT	Computational Mathematics	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MBT12TL	Molecular Biology and Genetic Engineering	3	0	1	**4**	BT	Theory+Lab	1.5	100	3	100
3	22MBT13T	Computational Genomics and Proteomics	3	1	0	**4**	BT	Theory	1.5	100	3	100
4	22MBT14L	Bioanalytical Laboratory	1	0	1	**2**	BT	Lab	1.5	50	3	50
5	22XXX1AXT	Elective A (Professional Elective)	3	0	0	**3**	BT	Theory	1.5	100	3	100
6	22XXX1BXT	Elective B (Professional Elective)	3	0	0	**3**	BT	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MBT1A1T	Stem Cell and Tissue Engineering	22MBT1B1T	Human Diseases and Diagnostics
22MBT1A2T	Enzyme Technology	22MBT1B2T	Principles of Bioprocess Engineering
22MBT1A3T	Insilico drug discovery	22MBT1B3T	Systems Biology
22MBT1A4T	Food Engineering	22MBT1B4T	Industrial Biotechnology

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	BT	Theory	1.5	100	3	100
2	22MBT22TL	Upstream Process Technology	3	0	1	**4**	BT	Theory+Lab	1.5	100	3	100
3	22MBT23T	Pharmaceutical Technology	3	0	0	**3**	BT	Theory	1.5	100	3	100
4	22MBT2CXT	Elective C (Professional Elective)	3	0	0	**3**	BT	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MBT24L	Biopython Lab	1	0	1	**2**	BT	Lab	1.5	50	3	50

7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50
** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*												

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Code	Elective C (Professional Elective)
22MBT2C1T	3D Bioprinting
22MBT2C2T	Fermentation Technology
22MBT2C3T	Parenteral Formulations
22MBT2C4T	Agriculture Biotechnology and Crop Improvement

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MBT31T	Downstream Process Technology	3	1	0	**4**	BT	Theory	1.5	100	3	100
2	22MBT3EXT	Elective E (Professional Elective)	3	1	0	**4**	BT	Theory	1.5	100	3	100
3	22MBT32N	Internship	0	0	6	**6**	BT	Project	1.5	50	3	50
4	22MBT33P	Minor Project	0	0	6	**6**	BT	Project	1.5	50	3	50

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Code	Elective E (Professional Elective)
22MBT3E1T	Immunotechnology
22MBT3E2T	Next Generation Sequencing
22MBT3E3T	Design and drawing of bioreactors
22MBT3E4T	Toxicology in Life Sciences

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MBT41P	Major Project	0	0	18	**18**	BT	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42						**20**						

M.Tech in Computer Science & Engineering: MCE

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11BT	Linear Algebra, Probability and Queuing Theory	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MCE12TL	Advanced Data Structures and Algorithms	3	0	1	**4**	CS	Theory+Lab	1.5	100	3	100
3	22MCE13T	Advances in Data Base Management & Mining	3	1	0	**4**	CS	Theory	1.5	100	3	100
4	22MCE14L	Computing & Analytics Lab	1	0	1	**2**	CS	Lab	1.5	50	3	50
5	22XXX1AXT	Elective A (Professional Elective)	3	0	0	**3**	CS	Theory	1.5	100	3	100
6	22XXX1BXT	Elective B (Professional Elective)	3	0	0	**3**	CS	Theory	1.5	100	3	100
** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*						**20**						

Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MCE1A1T	Artificial Intelligence & Machine Learning	22MCN1B1T	Social Network Analysis
22MCN1A2T	Blockchain Technologies	22MCN1B2T	Distributed & Cloud Computing
22MIT1A3T	Mobile Application Development	22MCN1B3T	Software Defined Networks
22MCE1A4T	Computer Vision	22MCE1B4T	Computer Network Technologies

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE

1	22IM21T	Research Methodology	3	0	0	**3**	CS	Theory	1.5	100	3	100
2	22MCE22TL	Advances in Operating System	3	0	1	**4**	CS	Theory+Lab	1.5	100	3	100
3	22MCE23T	Deep Learning	3	0	0	**3**	CS	Theory	1.5	100	3	100
4	22XXX2CXT	Elective C (Professional Elective)	3	0	0	**3**	CS	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MCE24L	Web Application Development Lab	1	0	1	**2**	CS	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	1	0	1	**2**	HSS	Theory*	1.5	50	2	50
** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*												

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Code	Elective C (Professional Elective)
22MSE2C1T	Robotic Process Automation
22MCE2C2T	Embedded Systems
22MCE2C3T	Natural Language Processing
22MCN2C4T	Internet of Things and Edge Computing

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MCE31T	High Performance Computing Architectures	3	1	0	**4**	CS	Theory	1.5	100	3	100
2	22XXX3EXT	Elective E (Professional Elective)	3	1	0	**4**	CS	Theory	1.5	100	3	100
3	22MCE32N	Internship	0	0	6	**6**	CS	Project	1.5	50	3	50
4	22MCE33P	Minor Project	0	0	6	**6**	CS	Project	1.5	50	3	50

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Code	Elective E (Professional Elective)

22MIT3E1T	Augmented Reality and Virtual Reality
22MCE3E2T	Cyber Security
22MCE3E3T	Software Product Development (DevOps)
22MCE3E4T	Intelligent Systems

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MCE41P	Major Project	0	0	18	**18**	CS	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50

Student need to submit the certificate for the evaluation of Course code 22HSS42

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M.Tech in Computer Network Engineering: MCN

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11BT	Linear Algebra, Probability and Queuing Theory	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MCN12TL	Advances in Computer Networks	3	0	1	**4**	CS	Theory+Lab	1.5	100	3	100
3	22MCN13T	Information & Network Security	3	1	0	**4**	CS	Theory	1.5	100	3	100
4	22MCN14L	Software Defined Networks Lab	1	0	1	**2**	CS	Lab	1.5	50	3	50
5	22XXX1AXT	Elective A (Professional Elective)	3	0	0	**3**	CS	Theory	1.5	100	3	100
6	22MCN1BXT	Elective B (Professional Elective)	3	0	0	**3**	CS	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MCE1A1T	Artificial Intelligence and Machine Learning	22MCN1B1T	Social Network Analysis
22MCN1A2T	Blockchain Technologies	22MCN1B2T	Distributed and Cloud Computing
22MIT1A3T	Mobile Application Development	22MCN1B3T	Software Defined Networks
22MCN1A4T	Advances in Network Management	22MCN1B4T	Advances in Storage Area Networks

II SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	CS	Theory	1.5	100	3	100
2	22MCN22TL	Network Programming	3	0	1	**4**	CS	Theory+Lab	1.5	100	3	100
3	22MCN23T	Advanced Wireless Networks	3	0	0	**3**	CS	Theory	1.5	100	3	100
4	22XXX2CXT	Elective C (Professional Elective)	3	0	0	**3**	CS	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MCN24L	Open Source Simulation Lab	1	0	1	**2**	CS	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50
** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*												

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Code	Elective C (Professional Elective)
22MSE2C1T	Robotic Process Automation
22MCE2C2T	Embedded Systems
22MCN2C3T	Advanced Algorithms
22MCN2C4T	Internet of Things and Edge Computing

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE

1	22MCN31T	Network Routing and Protocols	3	1	0	**4**	CS	Theory	1.5	100	3	100
2	22XXX3EXT	Elective E (Professional Elective)	3	1	0	**4**	CS	Theory	1.5	100	3	100
3	22MCN32N	Internship	0	0	6	**6**	CS	Project	1.5	50	3	50
4	22MCN33P	Minor Project	0	0	6	**6**	CS	Project	1.5	50	3	50
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Code	Elective E (Professional Elective)
22MIT3E1T	Augmented Reality and Virtual Reality
22MCE3E2T	Cyber Security
22MCE3E3T	Software Product Development (DevOps)
22MCE3E4T	Intelligent Systems

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MCN41P	Major Project	0	0	18	**18**	CS	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42						**20**						

M.Tech in Communication Systems: MCS

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11DT	Statistical Learning for Communication	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MCS12TL	Advanced Communication Systems-1	3	0	1	**4**	EC	Theory+Lab	1.5	100	3	100
3	22MCS13T	Communication Networks and Protocols	3	1	0	**4**	EC	Theory	1.5	100	3	100
4	22MCS14L	Programming and Network Simulation Lab	1	0	1	**2**	EC	Lab	1.5	50	3	50
5	22XXX1AXT	Elective A (Professional Elective)	3	0	0	**3**	EC	Theory	1.5	100	3	100
6	22MCS1BXT	Elective B (Professional Elective)	3	0	0	**3**	EC	Theory	1.5	100	3	100
Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.												
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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MCS1A1T	Avanced Embedded Computing Devices	22MCS1B1T	Digital System Design Using HDL
22MCS1A2T	Multirate Systems and Filter Banks	22MCS1B2T	Multimedia Communication and Networking
22MVE1A3T	VLSI Digital Signal Processing	22MCS1B3T	Optical Communications and Networks

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	HSS	Theory	1.5	100	3	100
2	22MCS22TL	Advanced Communication Systems-2	3	0	1	**4**	EC	Theory+Lab	1.5	100	3	100
3	22MCS23T	Smart Antennas and Algorithms	3	0	0	**3**	EC	Theory	1.5	100	3	100
4	22XXX2CXT	Elective C (Professional Elective)	3	0	0	**3**	EC	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MCS24L	Simulation and Characterisation of RF Devices	1	0	1	**2**	EC	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50

** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*

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Code	Elective C (Professional Elective)
22MCS2C1T	Development of Modem SoCs for Wireless, Wireline and IOT applications
22MDC2C1T	RF and Microwave Circuit Design for Wireless Communication Systems
22MVE2C3T	Robotics and Industrial Automation

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MCS31T	Error Control Coding for Wireless Communication	3	1	0	**4**	EC	Theory	1.5	100	3	100
2	22MCS3EXT	Elective E (Professional Elective)	3	1	0	**4**	EC	Theory	1.5	100	3	100
3	22MCS32N	Internship	0	0	6	**6**	EC	Project	1.5	50	3	50
4	22MCS33P	Minor Project	0	0	6	**6**	EC	Project	1.5	50	3	50
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Code	Elective E (Professional Elective)
22MCS3E1T	WWAN Technologies
22MCS3E2T	Cyber Security
22MCS3E3T	Modern Radar Systems

IV SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MCS41P	Major Project	0	0	18	**18**	EC	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42												

M.Tech in Digital Communication: MDC												
I SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11CT	Linear Algebra and Probability Theory	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MDC12TL	Advanced Digital Communication	3	0	1	**4**	ET	Theory+Lab	1.5	100	3	100
3	22MDC13TL	Advanced Signal Processing	3	0	1	**4**	ET	Theory+Lab	1.5	100	3	100
4	22MDC14L	Object Oriented Programming and Machine Learning Laboratory	1	0	1	**2**	ET	Lab	1.5	50	3	50
5	22MDC1AXT	Elective A (Professional Elective)	3	0	0	**3**	ET	Theory	1.5	100	3	100
6	22MDC1BXT	Elective B (Professional Elective)	3	0	0	**3**	ET	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MDC1A1T	Mobile Adhoc Networks	22MDC1B1T	Artificial Intelligence and Deep Learning
22MDC1A2T	Multimedia Communications	22MDC1B2T	Data Structures and Algorithms
22MDC1A3T	Image Processing and Computer Vision	22MDC1B3T	Broadband Networks

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category	CIE Duration (H)	CIE Max Marks	SEE Duration (H)	SEE Max Marks
			L	T/ SDA	P	Total						
1	22IM21T	Research Methodology	3	0	0	**3**	ET	Theory	1.5	100	3	100
2	22MDC22TL	Optical Fiber Communication and Networks	3	0	1	**4**	ET	Theory+Lab	1.5	100	3	100
3	22MDC23T	Antenna Arrays and Applications	3	0	0	**3**	ET	Theory	1.5	100	3	100
4	22XXX2CXT	Elective C (Professional Elective)	3	0	0	**3**	ET	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MDC24L	Antennas and RF Laboratory	1	0	1	**2**	ET	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50

** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*

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Code	Elective C (Professional Elective)
22MDC2C1T	RF and Microwave Circuit Design for Wireless Communication Systems
22MDC2C2T	Vehicular Communications and Networks
22MDC2C3T	Software Defined Networks in Telecom Industry
22MVE2C3T	Robotics and Industrial Automation

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MDC31T	5G and Beyond	3	1	0	**4**	ET	Theory	1.5	100	3	100
2	22MDC3EXT	Elective E (Professional Elective)	3	1	0	**4**	ET	Theory	1.5	100	3	100
3	22MDC32N	Internship	0	0	6	**6**	ET	Project	1.5	50	3	50
4	22MDC33P	Minor Project	0	0	6	**6**	ET	Project	1.5	50	3	50

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Code	Elective E (Professional Elective)
22MDC3E1T	Adaptive Signal Processing
22MDC3E2T	Channel Coding Techniques
22MDC3E3T	Cryptography and Network Security

IV SEMESTER M.Tech

Sl Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MDC41P	Major Project	0	0	18	**18**	ET	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	SS	NPTEL	--	50	ONLINE	50

Student need to submit the certificate for the evaluation of Course code 22HSS42

M. Tech in Highway Technology MHT

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11AT	Computational Mathematics	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MHT12TL	Pavement Materials	3	0	1	**4**	CV	Theory+Lab	1.5	100	3	100
3	22MHT13T	Traffic Engineering and Design	3	1	0	**4**	CV	Theory	1.5	100	3	100
4	22MHT14L	Applications of MATLAB and Python in Pavement Engineering	1	0	1	**2**	CV	Lab	1.5	50	3	50
5	22MHT1AXT	Elective A (Professional Elective)	3	0	0	**3**	CV	Theory	1.5	100	3	100
6	22MHT1BXT	Elective B (Professional Elective)	3	0	0	**3**	CV	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MHT1A1T	Remote Sensing & GIS	22MHT1B1T	Highway Geometric Design
22MHT1A2T	Ground Improvement Techniques	22MHT1B2T	Road Safety Engineering
22MHT1A3T	Reinforced Earth Panel Walls	22MHT1B3T	Enviromental Impact Assessment for Road Projects

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	CV	Theory	1.5	100	3	100
2	22MHT22TL	Pavement Analysis and Design	3	0	1	**4**	CV	Theory+Lab	1.5	100	3	100

3	22MHT23T	Transportation Systems and Planning	3	0	0	**3**	CV	Theory	1.5	100	3	100
4	22MHT2CXT	Elective C (Professional Elective)	3	0	0	**3**	CV	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MHT24L	Differential Global Positioning Systems and AutoCAD for Highways	1	0	1	**2**	CV	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50
** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*												

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Code	Elective C (Professional Elective)
22MST2C1T	Design of Concrete Bridges
22MHT2C2T	Pavement Detoriation and Evaluation
22MHT2C3T	Road Construction Equipments

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MHT31T	Highway Construction and Maintenance	3	1	0	**4**	CV	Theory	1.5	100	3	100
2	22MHT3EXT	Elective E (Professional Elective)	3	1	0	**4**	CV	Theory	1.5	100	3	100
3	22MHT32N	Internship	0	0	6	**6**	CV	Project	1.5	50	3	50
4	22MHT33P	Minor Project	0	0	6	**6**	CV	Project	1.5	50	3	50

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Code	Elective E (Professional Elective)
22MHT3E1T	Pavement Management Systems
22MHT3E2T	Highway Economics
22MHT3E3T	Road Project Reports

IV SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MHT41P	Major Project	0	0	18	**18**	CV	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42												
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M.Tech in Information Technology: MIT												
I SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11CT	Linear Algebra and Probability Theory	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MIT12TL	Advanced Algorithms and Applications	3	0	1	**4**	IS	Theory+Lab	1.5	100	3	100
3	22MIT13T	Enterprise Application Development	3	1	0	**4**	IS	Theory	1.5	100	3	100
4	22MIT14L	Full Stack Development Lab	1	0	1	**2**	IS	Lab	1.5	50	3	50
5	22MIT1AXT	Elective A (Professional Elective)	3	0	0	**3**	IS/CS	Theory	1.5	100	3	100
6	22MIT1BXT	Elective B (Professional Elective)	3	0	0	**3**	IS/CS	Theory	1.5	100	3	100
Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.												
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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MCE1A1T	Artificial Intelligence & Machine Learning	22MCN1B1T	Social Network Analysis
22MCN1A2T	Block Chain Technologies	22MIT1B2T	Networks and Cryptography
22MIT1A3T	Mobile Application Development	22MIT1B3T	IOT and Applications
22MIT1A4T	Multicore Architecture	22MIT1B4T	Computer Systems Performance Analysis

II SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	IM	Theory	1.5	100	3	100
2	22MSE22TL	Cloud Native Devops	3	0	1	**4**	IS	Theory+Lab	1.5	100	3	100

3	22MIT23T	Cyber Security & Digital Forensics	3	0	0	**3**	IS	Theory	1.5	100	3	100
4	22XXX2CXT	Elective C (Professional Elective)	3	0	0	**3**	IS	Theory	1.5	100	3	100
5	22XXX2DXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MIT24L	API Development and Integration Lab	1	0	1	**2**	IS	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50
** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*												
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Code	Elective C (Professional Elective)
22MSE2C1T	Robotic Process Automation
22MSE2C2T	Software Project Management
22MIT2C3T	Cloud Computing
22MIT2C4T	Data Engineering

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MIT31T	Big Data Analytics	3	1	0	**4**	IS	Theory	1.5	100	3	100
2	22XXX3EXT	Elective E (Professional Elective)	3	1	0	**4**	IS	Theory	1.5	100	3	100
3	22MIT32N	Internship	0	0	6	**6**	IS	Project	1.5	50	3	50
4	22MIT33P	Minor Project	0	0	6	**6**	IS	Project	1.5	50	3	50
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Code	Elective E (Professional Elective)
22MIT3E1T	Augmented Reality & Virtual Reality
22MIT3E2T	Natural Language Processing

22MIT3E3T	Information Retrieval
22MIT3E4T	Fintech Applications

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MIT41P	Major Project	0	0	18	**18**	IS	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42						**20**						

M.Tech in Machine Design: MMD

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11AT	Computational Mathematics	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MMD12TL	Advanced Mechanisms Design	3	0	1	**4**	ME	Theory+Lab	1.5	100	3	100
3	22MMD13TL	Composite Materials	3	0	1	**4**	ME	Theory+Lab	1.5	100	3	100
4	22MMD14L	Machine Learning Lab	1	0	1	**2**	ME	Lab	1.5	50	3	50
5	22XXX1AXT	Elective A (Professional Elective)	3	0	0	**3**	ME	Theory	1.5	100	3	100
6	22XXX1BXT	Elective B (Professional Elective)	3	0	0	**3**	IM	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MPD1A1T	Machine Learning for Mechanical Engineers	22MMD1B1T	Finite Element Modeling and Analysis
22MMD1A2T	Advanced Solid Mechanics	22IM1B2T	Financial Management
22MMD1A3T	Sustainable and Smart Design	22MPD1B3T	Robotics and Automation

II SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	ME	Theory	1.5	100	3	100
2	22MMD22TL	Vibrations and Acoustics	3	0	1	**4**	ME	Theory+Lab	1.5	100	3	100
3	22MMD23T	Advanced Machine Design	3	0	0	**3**	ME	Theory	1.5	100	3	100
4	22MMD2CXT	Elective C (Professional Elective)	3	0	0	**3**	ME	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MMD24L	Skill Lab - COEs Lab	1	0	1	**2**	ME	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50
** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*												
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Code	Elective C (Professional Elective)
22MMD2C1T	Design for Tribology
22MMD2C2T	Theory of Plates and Shells
22MMD2C3T	Design of Pressure Vessels

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech												
Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MPD31TL	Industrial IoT	3	0	1	**4**	ME	Theory+Lab	1.5	100	3	100
2	22XXX3EXT	Elective E (Professional Elective)	3	1	0	**4**	ME	Theory	1.5	100	3	100
3	22MMD32N	Internship	0	0	6	**6**	ME	Project	1.5	50	3	50

4	22MMD33P	Minor Project	0	0	6	**6**	ME	Project	1.5	50	3	50
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Code	Elective E (Professional Elective)
22MMD3E1T	Fracture Mechanics
22MPD3E2T	Reliability Engineering
22MMD3E3T	Advanced Finite Element Analysis

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MMD41P	Major Project	0	0	18	**18**	ME	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42						**20**						

M.Tech in Product Design & Manufacturing: MPD

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11AT	Computational Mathematics	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MPD12TL	Product Design	3	0	1	**4**	ME	Theory+Lab	1.5	100	3	100
3	22MPD13TL	Digital Manufacturing	3	0	1	**4**	ME	Theory+Lab	1.5	100	3	100
4	22MMD14L	Machine learning Lab	1	0	1	**2**	ME	Lab	1.5	50	3	50
5	22MPD1AXT	Elective A (Professional Elective)	3	0	0	**3**	ME	Theory	1.5	100	3	100
6	22XXX1BXT	Elective B (Professional Elective)	3	0	0	**3**	ME/IM	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MPD1A1T	Machine Learning For Mechanical Engineers	22MMD1B1T	Finite Element Modeling and Analysis
22MPD1A2T	Design For Sustainability and Safety	22IM1B2T	Financial Management
22MPD1A3T	Advanced Manufacturing Practices	22MPD1B3T	Robotics and Automation.
22MPD1A4T	Product Life Cycle Management	22MPD1B4T	Sheet Metal Forming and Plastic Design

22MPD1A5T	Product Data Management	22MPD1B5T	Surface Engineering

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	ME	Theory	1.5	100	3	100
2	22MPD22TL	Industrial Ergonomics and Biomechanics	3	0	1	**4**	ME	Theory+Lab	1.5	100	3	100
3	22MPD23T	Product and Cost Analysis	3	0	0	**3**	ME	Theory	1.5	100	3	100
4	22XXX2CXT	Elective C (Professional Elective)	3	0	0	**3**	ME	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MPD24L	Skill Lab- Advanced Product Design Lab	1	0	1	**2**	ME	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills develeopment I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50

** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*

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Code	Elective C (Professional Elective)
22MMD2C1T	Design for Tribology
22MPD2C2T	Additive Manufacturing Technology
22MPD2C3T	GD&T and Digital Metrology
22MPD2C4T	Design for Manufacture and Assembly
22MPD2C5T	Electric Vehicle Technology

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MPD31TL	Industrial IoT	3	0	1	**4**	ME	Theory+Lab	1.5	100	3	100
2	22MPD3EXT	Elective E (Professional Elective)	3	1	0	**4**	ME	Theory	1.5	100	3	100
3	22MPD32N	Internship	0	0	6	**6**	ME	Project	1.5	50	3	50
4	22MPD33P	Minor Project	0	0	6	**6**	ME	Project	1.5	50	3	50
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Code	Elective E (Professional Elective)
22MPD3E1T	Product Planning and Marketing
22MPD3E2T	Reliability Engineering
22MPD3E3T	Mechatronics in Manufacturing System
22MPD3E4T	Lean Manufacturing
22MPD3E5T	Creative Engineering

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MPD41P	Major Project	0	0	18	**18**	ME	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42						**20**						

M.Tech in Power Electronics: MPE

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11AT	Computational Mathematics	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MPE12TL	Power Converters	3	0	1	**4**	EE	Theory+Lab	1.5	100	3	100
3	22MPE13T	Analysis and Control of AC and DC Drives	3	1	0	**4**	EE	Theory	1.5	100	3	100
4	22MPE14L	Software Programming for Power Electronics	1	0	1	**2**	EE	Lab	1.5	50	3	50

5	22MPE1AXT	Elective A (Professional Elective)	3	0	0	**3**	EE	Theory	1.5	100	3	100
6	22MPE1BXT	Elective B (Professional Elective)	3	0	0	**3**	EE	Theory	1.5	100	3	100
Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.												

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MPE1A1T	Generalized Theory of Electrical Machines	22MPE1B1T	application in Power Electronics
22MPE1A2T	EV and HEV - Architecture and Design	22MPE1B2T	VLSI and Applications in Power Electronics
22MPE1A3T	Power Quality Problems and Mitigation	22MPE1B3T	Advanced Control System
22MPE1A4T	Smart Grid and Challanges	22MPE1B4T	Swithing techniques in Power Converters

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	EC	Theory	1.5	100	3	100
2	22MPE22TL	Advanced Power Converters and Applications	3	0	1	**4**	EE	Theory+Lab	1.5	100	3	100
3	22MPE23T	PLC and SCADA Systems	3	0	0	**3**	EE	Theory	1.5	100	3	100
4	22MPE2CXT	Elective C (Professional Elective)	3	0	0	**3**	EE	Theory	1.5	100	3	100
5	22MPE2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MPE24L	Embedded Systems Lab	1	0	1	**2**	EE	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50
** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*												

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Code	Elective C (Professional Elective)
22MPE2C1T	EMI and EMC in Power Electronics System Design
22MPE2C2T	FACTS and Custom Power Devices
22MPE2C3T	Intelligent control techniques in drives
22MPE2C4T	IoT applications in smart grid

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems

22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MPE31T	Modeling of Power Electronic Circuits	3	1	0	**4**	EE	Theory	1.5	100	3	100
2	22MPE3EXT	Elective E (Professional Elective)	3	1	0	**4**	EE	Theory	1.5	100	3	100
3	22MPE32N	Internship	0	0	6	**6**	EE	Project	1.5	50	3	50
4	22MPE33P	Minor Project	0	0	6	**6**	EE	Project	1.5	50	3	50
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Code	Elective E (Professional Elective)
22MPE3E1T	Embedded Systems for EV applications
22MPE3E2T	Communication Systems and Networking
22MPE3E3T	HVDC power transmission Systems
22MPE3E4T	Power Electronics for Renewable Energy Systems

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MPE41P	Major Project	0	0	18	**18**	EE	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50

Student need to submit the certificate for the evaluation of Course code 22HSS42 **20**

M.Tech in Software Engineering: MSE

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11CT	Linear Algebra and Probability Theory	3	1	0	**4**	MA	Theory	1.5	100	3	100

2	22MSE12TL	Data Structures and Algorithms	3	0	1	**4**	IS	Theory+Lab	1.5	100	3	100
3	22MSE13T	Agile Methodology	3	1	0	**4**	IS	Theory	1.5	100	3	100
4	22MSE14L	Software Application Development Lab	1	0	1	**2**	IS	Lab	1.5	50	3	50
5	22XXX1AXT	Elective A (Professional Elective)	3	0	0	**3**	IS/CS	Theory	1.5	100	3	100
6	22XXX1BXT	Elective B (Professional Elective)	3	0	0	**3**	IS/CS	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MCE1A1T	Artificial Intelligence & Machine Learning	22MCN1B1T	Social Network Analysis
22MCN1A2T	Block Chain Technologies	22MSE1B2T	Human Computer Interaction
22MIT1A3T	Mobile Application Development	22MIT1B3T	IoT and Applications
22MSE1A4T	Reliability Models	22MSE1B4T	Microservices Development

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	IM	Theory	1.5	100	3	100
2	22MSE22TL	Cloud Native Devops	3	0	1	**4**	IS	Theory+Lab	1.5	100	3	100
3	22MSE23T	Software Architecture Patterns	3	0	0	**3**	IS	Theory	1.5	100	3	100
4	22XXX2CXT	Elective C (Professional Elective)	3	0	0	**3**	IS	Theory	1.5	100	3	100
5	22XXX2DXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MIT24L	API Development and Integration Lab	1	0	1	**2**	IS	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50

** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*

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Code	Elective C (Professional Elective)
22MSE2C1T	Robotic Process Automation
22MSE2C2T	Software Project Management
22MSE2C3T	User Interface & User Experience
22MSE2C4T	Requirements Engineering

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MSE31T	Software Quality Testing and Automation	3	1	0	**4**	IS	Theory	1.5	100	3	100
2	22XXX3EXT	Elective E (Professional Elective)	3	1	0	**4**	IS	Theory	1.5	100	3	100
3	22MSE32N	Internship	0	0	6	**6**	IS	Project	1.5	50	3	50
4	22MSE33P	Minor Project	0	0	6	**6**	IS	Project	1.5	50	3	50
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Code	Elective E (Professional Elective)
22MIT3E1T	Augmented Reality & Virtual Reality
22MSE3E2T	Decision Support Systems
22MSE3E3T	Web Intelligence
22MSE3E4T	Mobile Commerce

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MSE41P	Major Project	0	0	18	**18**	IS	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42						**20**						

M.Tech in Structural Engineering: MST

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MAT11AT	Computational Mathematics	3	1	0	**4**	MA	Theory	1.5	100	3	100
2	22MST12TL	Computational Structural Mechanics	3	0	1	**4**	CV	Theory+Lab	1.5	100	3	100
3	22MST13T	Advanced Design of Reinforced Concrete Structures	3	1	0	**4**	CV	Theory	1.5	100	3	100
4	22MST14L	Analysis and Design of Structures using STAADPRO	1	0	1	**2**	CV	Lab	1.5	50	3	50
5	22MST1AXT	Elective A (Professional Elective)	3	0	0	**3**	CV	Theory	1.5	100	3	100
6	22MST1BXT	Elective B (Professional Elective)	3	0	0	**3**	CV	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MST1A1T	Finite Element Method of Analysis	22MST1B1T	Advanced Structural Analysis
22MST1A2T	Forensic Engineering and Rehabilitation of Structures	22MST1B2T	Mechanics of Deformable Bodies
22MST1A3T	High Rise Structures	22MST1B3T	Design of Masonary Structures

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	CV	Theory	1.5	100	3	100
2	22MST22TL	Structural Dynamics	3	0	1	**4**	CV	Theory+Lab	1.5	100	3	100
3	22MST23T	Advanced Design of Steel Structures	3	0	0	**3**	CV	Theory	1.5	100	3	100
4	22MST2CXT	Elective C (Professional Elective)	3	0	0	**3**	CV	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MST24L	Analysis and Design of Structures using ETabs	1	0	1	**2**	CV	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50

** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*

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Code	Elective C (Professional Elective)
22MST2C1T	Design of Concrete Bridges
22MST2C2T	Design for Safety
22MST2C3T	Precast Concrete structures
22MST2C4T	Sustainable Construction Practices

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MST31T	Advanced Construction Materials	3	1	0	**4**	CV	Theory	1.5	100	3	100
2	22MST3EXT	Elective E (Professional Elective)	3	1	0	**4**	CV	Theory	1.5	100	3	100
3	22MST32N	Internship	0	0	6	**6**	CV	Project	1.5	50	3	50
4	22MST33P	Minor Project	0	0	6	**6**	CV	Project	1.5	50	3	50

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Code	Elective E (Professional Elective)
22MST3E1T	Structural Reliability
22MST3E2T	Earthquake Resistant Structures
22MST3E3T	Stability of Structures

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	To 20	S	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MST41P	Major Project	0	0	18	**18**	CV	Project	1.5	100	3	10
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42												

M.Tech in VLSI Design & Embedded Systems: MVE

I SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MVE11T	Digital System Design with FPGA	3	1	0	**4**	EC	Theory	1.5	100	3	100
2	22MVE12TL	Digital IC Design	3	0	1	**4**	EC	Theory+Lab	1.5	100	3	100
3	22MVE13T	Advanced Embedded System Design	3	1	0	**4**	EC	Theory	1.5	100	3	100
4	22MVE14L	ARM CPUs Programming Lab	1	0	1	**2**	EC	Lab	1.5	50	3	50
5	22MVE1AXT	Elective A (Professional Elective)	3	0	0	**3**	EC	Theory	1.5	100	3	100
6	22MVE1BXT	Elective B (Professional Elective)	3	0	0	**3**	EC	Theory	1.5	100	3	100

Note: For the course code 22HSS42, Students need to select one ONLINE MOOC course as recommended by HSS BoS. This course can be selected anytime between I to III semester and it will be evaluated during IV semester.

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Code	Elective A (Professional Elective)	Code	Elective B (Professional Elective)
22MVE1A1T	Low Power VLSI Design	22MVE1B1T	Static Timing Analysis
22MVE1A2T	ASIC Design	22MVE1B2T	System On Chip Design
22MVE1A3T	VLSI Digital Signal Processing	22MVE1B3T	IC Technology
22MVE1A4T	Real Time Embedded Systems	22MVE1B4T	IOT System Design & Architecture
22MVE1A5T	Semiconductor Device Modelling	22MVE1B5T	VLSI for Data Conversion Circuits

II SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22IM21T	Research Methodology	3	0	0	**3**	EC	Theory	1.5	100	3	100
2	22MVE22TL	Analog IC Design	3	0	1	**4**	EC	Theory+Lab	1.5	100	3	100
3	22MVE23T	System Verilog for Design & Verification	3	0	0	**3**	EC	Theory	1.5	100	3	100
4	22XXX2CXT	Elective C (Professional Elective)	3	0	0	**3**	EC	Theory	1.5	100	3	100
5	22XXX2DXXT	Elective D (Global Elective)	3	0	0	**3**	Res. BoS	Theory	1.5	100	3	100
6	22MVE24L	Analog Layout Design Lab	1	0	1	**2**	EC	Lab	1.5	50	3	50
7	22HSS25T	Professional Skills Development-I	0	0	2	**2**	HSS	Theory*	1.5	50	2	50

** External Agency will be conducting the classes and both CIE and SEE will be evaluated by the Agency.*

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Code	Elective C (Professional Elective)
22MCS2C1T	Development of Modem SoCs for Wireless, Wireline and IOT applications
22MVE2C2T	VLSI Memory Chip Design
22MVE2C3T	Robotics and Industrial Automation
22MVE2C4T	Automotive Electronics
22MVE2C5T	High Performance Computing

Elective D (Global Elective)			
22BT2D01T	Bioinspired Engineering	22ET2D08T	Tracking and Navigation Systems
22BT2D02T	Health Informatics	22IM2D09T	Project Management
22CS2D03T	Business Analytics	22IS2D10T	Database and Information Systems
22CV2D04T	Industrial and Occupational Health and Safety	22IS2D11T	Management Information Systems
22CV2D05T	Intelligent Transportation Systems	22MAT2D12T	Statistical and Optimization Methods
22EC2D06T	Electronic System Design	22ME2D13T	Industry 4.0
22EC2D07T	Evolution of Wireless Technologies		

III SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MVE31T	Algorithms for VLSI Design Automation	3	1	0	**4**	EC	Theory	1.5	100	3	100

2	22MVE3EXT	Elective E (Professional Elective)	3	1	0	**4**	EC	Theory	1.5	100	3	100
3	22MVE32N	Internship	0	0	6	**6**	EC	Project	1.5	50	3	50
4	22MVE33P	Minor Project	0	0	6	**6**	EC	Project	1.5	50	3	50
						20						

Code	Elective E (Professional Elective)
22MVE3E1T	VLSI Testing
22MVE3E2T	High Speed Digital Design
22MVE3E3T	RFIC Design
22MVE3E4T	Signal Processing & ML on Microcontrollers
22MVE3E5T	MEMS and Smart Systems

IV SEMESTER M.Tech

Sl. No.	Course Code	Course Title	Credit Allocation L	T/ SDA	P	Total	BoS	Category	CIE Duration (H)	Max Marks CIE	SEE Duration (H)	Max Marks SEE
1	22MVE41P	Major Project	0	0	18	**18**	EC	Project	1.5	100	3	100
2	22HSS42	Professional Skills Development-II	0	0	2	**2**	HSS	NPTEL	--	50	ONLINE	50
Student need to submit the certificate for the evaluation of Course code 22HSS42												
						20						

Annexure – C

RV College of Engineering

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2022 Scheme ACADEMIC & EXAMINATION GUIDELINES

Ref: VTU Circular:
VTU/BGM/ACA/BOS/2022-23/5305 Dated 21 DEC 2022
Updated syllabus of 1st and 2nd Semester (2022 Scheme) after feedback...
Ref: BoS Proceedings dated 04-11-2022. Approved in 169th Executive Council Proceeding dated 03-12-2022.

CREDITS DISTRIBUTION FOR 2022 SCHEME

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Program	Normal Duration Years (semesters)	Total No. of credits to be Earned (Average/Semester = 22)
UG Degree B.E.	4 Years or 08 Semesters	160 Credits
UG Degree B.E. (Lateral Entry, Students with Diploma)	3 Years or 06 Semesters	120 Credits*

40 Credits for the First Year B.E Programs common to all B.E. Programs

Credit Comparison between Schemes

Sl. No.	Scheme	Duration	Total Credits
1.	2007, 2010, 2012 & 2016	04 Years	200
2.	2018	04 Years	175
3.	2021	04 years	160
4.	2022	04 Years	160

First Year Cycles in 2022 Scheme

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New Streams in 2022 Scheme

Stream-1	Stream-2	Stream-3	Stream-4
CIVIL	COMP. SCI.	MECH	ELECTRONICS
CV	CS	ME	EC
	IS	IM	EE
	AI	AS	EI
	CD	CH	ET
	CY		
	BT		
07 Programs		08 Programs	
Total 15 B.E. Programs			

FIRST SEMESTER – Chemistry Cycle

1	CV	129
2	CS	239
3	IS	81
4	AI	63
5	CD	63
6	CY	63
7	BT	64
Total		702

FIRST SEMESTER – Physics Cycle

1	ME	128
2	IM	64
3	AS	65
4	CH	43
5	EC	191
6	EE	65
7	EI	63
8	ET	63
Total		682

Total Intake of B.E. 1384 students

FIRST SEM MAIN COURSES

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PHYSICS CYCLE		CREDITS	CHEMISTRY CYCLE	
ME	EE		CV	CS
1. MATHS-I		4	MATHS-I	
2. PHYSICS		4	CHEMISTY	
3. PROFESSIONAL CORE COURSES (I SEM) / CAED (II SEM)		3	CAED (I SEM)/ PROFESSIONAL CORE COURSES (II SEM)	
4. ENGINEERING SCIENCE		3	ENGINEERING SCIENCE	
5. EMERGING TECHNOLOGY COURSE		3	PROGRAMMING LANGUAGE COURSE	
6. COMMUNICATIVE ENGLISH-1		1	COMMUNICATIVE ENGLISH-1	
7. SAMSKRUTIKA KANNADA / BALAKE KANNADA		1	INDIAN CONSTITUTION	
8. IDEA LAB		1	YOGA PRACTICE	
EIGHT COURSES		20	EIGHT COURSES	

ENGINEERING SCIENCE COURSE

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Sl.No	BoS	Course Code	ENGINEERING SCIENCE COURSE	CREDITS
1	CS	22ES14A/24A	Fundamentals of Programming Using C	03
2	CV	22ES14B/24B	Elements of Civil Engineering	03
3	EC	22ES14C/24C	Principles of Electronics Engineering	03
4	EE	22ES14D/24D	Basics of Electrical Engineering	03
5	ME	22ES14E/24E	Fundamentals of Mechanical Engineering	03

PROGRAMMING LANGUAGE COURSE

Sl.No	BoS	Course Code	PROGRAMMING LANGUAGE COURSE	CREDITS
1	AI	22PL15A/25A	Introduction to Python programming	03
2	CS	22PL15B/25B	Introduction to Web programming	03
3	CS	22PL15C/25C	Basics of Java programming	03
4	IS	22PL15D/25D	Introduction to C++ Programming	03

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Sl.No	BoS	Course Code	EMERGING TECHNOLOGY COURSE	CREDITS
1	AI	22EM101/201	Introduction to Internet of Things	03
2	AS	22EM102/202	Introduction to Drone Technology	03
3	BT	22EM103/203	Bioinspired Engineering	03
4	CH	22EM104/204	Global Climate Change	03
5	CS	22EM105/205	Elements of Blockchain Technology	03
6	CS	22EM106/206	Introduction to Cyber Security	03
7	CV	22EM107/207	Green Buildings	03
8	CV	22EM108/208	Infrastructure for Smart Cities	03
9	CHY	22EM109/209	Fundamentals of Nanoscience & Technology	03
10	EC	22EM110/210	Fundamentals of Semiconductor Devices	03
11	EC	22EM111/211	Introduction to Embedded Systems	03
12	EE	22EM112/212	Renewable Energy Sources	03
13	EI	22EM113/213	Fundamentals of Sensor Technology	03
14	IM	22EM114/214	Human factors in Engineering	03
15	IS	22EM115/215	Digital Humanities	03
16	ME	22EM116/216	Smart materials and Systems	03
17	ME	22EM117/217	Elements of Industry 4.0	03

2021 Scheme CIE & SEE Rubric

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RUBRIC FOR CIE THEORY			RUBRIC FOR SEE THEORY		
Sl.No.	Content	Marks	Q.No.	Contents	Marks
1	Quizzes	20	Part - A		
2	Tests	40	1	Objective type/MCQ questions covering entire syllabus	20
3	Experiential Learning	40	Part - B		
			(Questions to be framed with maximum 3 subdivisions)		
			2	Unit 1 : (Compulsory)	16
			3 & 4	Unit 2 : Question 3 or 4	16
			5 & 6	Unit 3 : Question 5 or 6	16
			7 & 8	Unit 4 : Question 7 or 8	16
			9 & 10	Unit 5: Question 9 or 10	16
Total		100	Total :		100

2021 Scheme CIE Rubric Just for a Glance...

INTEGRATED THEORY & LAB (3 & 4 Credit course)					
Sl. No.	Components				Total Marks
1	Quizzes	Q1	Q2		20 (Sum of Two Quizzes)
		10	10		
2	Tests	T1	T2		40 (100 reduced to 40)
		50	50		
3	Experiential Learning	P1	P2		40 (Sum of Two stages)
		15	25		
Maximum Marks for CIE Theory					100 Marks
4	Lab Component	30	10	10	50
				Total	150

2022 SCHEME: CIE & SEE WEIGHTAGE & MIN & MAX CREDITS IN A SEMESTER

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1. Assessment & Testing is done in two Components: **CIE & SEE**
2. CIE and SEE will have **EQUAL WEIGHTAGE (50:50)**
3. Student's performance in a course is judged by considering the performance in both CIE and SEE.
4. An average course load of 22 credits per semester with its **minimum and maximum limits being fixed at 16 and 28 credits** respectively will be followed as per the recommendation of BoS and Academic Council.

2022 Scheme

Rubrics for CIE & SEE

1. **Integrated Courses with lab;**
2. **Courses with 100 Marks & without Lab ;**
3. **Courses with 50 Marks & without Lab ;**
4. **Lab only courses;**

SEE for Theory & Lab Courses in 2022 scheme

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AS PER NEW GUIDELINES, NO SEE EXAMS for LABS;

Sl. No.	Category of the Course	New VTU Guideline for LAB	SEE Theory	SEE Lab
1.	**Integrated Course with Lab** **(3 & 4 Credit Courses)**	**NO SEE Exam for the Lab Component**	One component of Lab will be given in SEE Theory Exam	NO SEE LAB EXAM
2.	**Course with 100 Marks** (Without Lab) **(3 & 4 Credit Courses)**	**NO LAB COMPONENT**	**SEE TO BE CONDUCTED** (Same as 2021 Scheme)	NO LAB COMPONENT
3.	**Course with 50 Marks** (Without Lab) **(2 Credit Courses)**	**NO LAB COMPONENT**	**SEE TO BE CONDUCTED** (Same as 2021 Scheme)	NO LAB COMPONENT
4.	**Lab only Course** **(1 Credit Courses)**	**SEE TO BE CONDUCTED**	**NO SEE THEORY EXAM**	SEE TO BE CONDUCTED

CIE & SEE Rubric in 2022 Scheme

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Rubric for CIE & SEE for the 1. Integrated Theory courses with Lab (3 & 4 Credits)

RUBRIC FOR CIE			RUBRIC FOR SEE		
Sl.No.	Content	Marks	Q.No.	Contents	Marks
1	Quizzes	10	Part - A		
2	Tests	30	1	Objective type/MCQ questions covering the entire syllabus	10
3	Experiential Learning	30	Part - B		
4	Lab	30	Questions are to be framed with maximum of **TWO** sub-divisions only		
Total		100 Marks			
			2	Unit 1 : (Compulsory)	14
			3 & 4	Unit 2 : Question 3 or 4	14
			5 & 6	Unit 3 : Question 5 or 6	14
			7 & 8	Unit 4 : Question 7 or 8	14
			9 & 10	Unit 5: Question 9 or 10	14
			11	Lab Component (Compulsory)	20
			Total :		100

Rubric for CIE & SEE for the Integrated Theory courses with Lab (3 & 4 Credits)

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CIE ASSESSMENT AND EVALUATION PATTERN. (THE WEIGHTAGE FOR CIE & SEE IS 50%)		
#	COMPONENTS	MARKS
1.	**QUIZZES:** Quizzes will be conducted in online/offline mode. **TWO QUIZZES** will be conducted & **Each Quiz will be evaluated for 10 Marks.** The **AVERAGE OF TWO QUIZZES** will be the **Final Quiz marks.**	10
2.	**TESTS:** Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). **THREE tests will be conducted.** Each test will be evaluated for **50 Marks,** adding upto 150 Marks. **Final test marks will be reduced to 30 Marks.**	30
3.	**EXPERIENTIAL LEARNING:** Students will be evaluated for their creativity and practical implementation of the problem. Case study based teaching learning (10), Program specific requirements (10), Video based seminar/presentation/demonstration (10) adding upto **30 marks.**	30
4.	**LAB:** Conduction of laboratory exercises, lab report & observation & analysis **(30 Marks)**, lab test **(10 Marks)** & Innovative Experiment/Concept Design & Implementation **(10 Marks)** adding up to 50 Marks. The final marks will be reduced	30

2. Rubric for Theory courses with 100 Marks (Without Lab)

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RUBRIC FOR CIE THEORY			RUBRIC FOR SEE THEORY		
Sl.No.	Content	Marks	Q.No.	Contents	Marks
1	Quizzes	20	Part - A		
2	Tests	40	1	Objective type/MCQ questions covering entire syllabus	20
3	Experiential Learning	40	Part - B		
			(Questions to be framed with maximum 3 subdivisions)		
			2	Unit 1 : (Compulsory)	16
			3 & 4	Unit 2 : Question 3 or 4	16
			5 & 6	Unit 3 : Question 5 or 6	16
			7 & 8	Unit 4 : Question 7 or 8	16
			9 & 10	Unit 5: Question 9 or 10	16
Total		100	Total :		100

2. Rubric for Theory courses with 100 Marks (Without Lab)

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CIE ASSESSMENT AND EVALUATION PATTERN. (THE WEIGHTAGE FOR CIE & SEE IS 50%)		
#	COMPONENTS	MARKS
1.	**QUIZZES:** Quizzes will be conducted in online/offline mode. **TWO QUIZZES** will be conducted & **Each Quiz will be evaluated for 10 Marks. THE SUM OF TWO QUIZZES** will be the **Final Quiz marks.**	20
2.	**TESTS:** Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). **THREE tests will be conducted**. Each test will be evaluated for **50 Marks,** adding upto 150 Marks. **Final test marks will be reduced to 40 Marks.**	40
3.	**EXPERIENTIAL LEARNING:** Students will be evaluated for their creativity and practical implementation of the problem. Case study based teaching learning **(10)**, Program specific requirements **(10),**, Video based seminar/presentation/demonstration **(20)** adding upto **40 marks.**	40
	MAXIMUM MARKS FOR THE CIE THEORY	100

Rubric for CIE & SEE in 2022 Scheme

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3. Rubric for Theory courses with 50 marks

RUBRIC FOR CIE			RUBRIC FOR SEE THEORY		
SL.NO	CONTENT	MARKS	Q. No.	CONTENTS	MARKS
1	Quiz	10		Part - A	
2	Test	20	1	Objective type/MCQ questions covering entire syllabus	10
3	Experiential Learning	20		Part - B	
	Total :	50		(Questions to be framed with maximum **TWO** subdivisions)	
			2	Unit 1 : Question 2 (Compulsory)	10
			3 & 4	Unit 2 : Question 3 or 4	15
			5 & 6	Unit 3 : Question 5 or 6	15
				Total :	50

3. Rubric for Theory courses with 50 marks

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CIE ASSESSMENT AND EVALUATION PATTERN. (THE WEIGHTAGE FOR CIE & SEE IS 50%)		
#	COMPONENTS	MARKS
1.	**QUIZZES:** Quizzes will be conducted in online/offline mode. **TWO QUIZZES** will be conducted & **Each Quiz will be evaluated for 10 Marks.** The **AVERAGE OF TWO QUIZZES** will be the **Final Quiz marks.**	10
2.	**TESTS:** Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). **TWO tests will be conducted**. Each test will be evaluated for **50 Marks,** adding upto 100 Marks. **Final test marks will be reduced to 20 Marks.**	20
3.	**EXPERIENTIAL LEARNING:** Students will be evaluated for their creativity and practical implementation of the problem. Case study based teaching learning **(10)**, Program specific requirements **(10)**, Video based seminar/presentation/demonstration **(20)** adding upto **40 marks. THE FINAL EL MARKS IS REDUCED TO 20 MARKS**	20
	MAXIMUM MARKS FOR THE CIE THEORY	50

Rubrics for CIE & SEE in 2022 Scheme

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4. ONLY LAB COURSES WITH 50 MARKS

Rubric for LAB CIE			Rubric for LAB SEE		
Sl.No.	Content	Marks	Sl. No.	Content	Marks
1	1. Write Up, Setup, Conduction 2. Results, Analysis & Discussions	30	1	1. Write Up, Setup, Conduction 2. Results, Analysis & Discussions	40
2	Lab Internal	10	2	Viva	10
3	Innovative Experiment/Concept Design & Implementation	10	***	**********	***
	Total	50		Total :	50

In first year Only Labs: CAED, IDEA, Yoga & English

Minimum Marks to Clear NSSR

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RUBRIC FOR CIE Integrated Theory courses with Lab

Sl. No.	Content	Marks	Minimum % to Clear NSSR	Minimum Marks to Clear NSSR
1.	Quiz	10	40% of 70	28 Marks
2.	Test	30		
3.	Experiential Learning	30		
4.	Lab	30	40% of 30	12 Marks
Total		100	40%	Greater than or Equal to 40 Marks

RUBRIC FOR CIE Theory courses without Lab

Sl. No.	Content	Marks	Minimum % to Clear NSSR	Minimum Marks to Clear NSSR
1.	Quiz	20	40% of 100	40 Marks
2.	Test	40		
3.	Experiential Learning	40		
Total		100	40%	Greater than or Equal to 40 Marks

RUBRIC FOR SEE

40% of 100 = 40 Marks

Minimum Marks to Clear NSSR

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RUBRIC FOR CIE Only Theory Courses with 50 Marks

Sl. No.	Content	Marks	Minimum % to Clear NSSR	Minimum Marks to Clear NSSR
1.	Quiz	10	40% of 50	20 Marks
2.	Test	20		
3.	Experiential Learning	20		
Total		50	40%	Greater than or Equal to 20 Marks

RUBRIC FOR CIE Only Lab Courses with 50 Marks

Sl. No.	Content	Marks	Minimum % to Clear NSSR	Minimum Marks to Clear NSSR
1.	i. Write Up, Setup, Conduction ii. Results, Analysis & Discussions	30	40% of 50	20 Marks
2.	Lab Internal	10		
3.	Innovative Experiment/Concept Design & Implementation	10		
Total		50	40%	Greater than or Equal to 20 Marks

RUBRIC FOR SEE

40% of 100 = 40 Marks

PASSING STANDARDS

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➢ **The Standard of passing in each course is given in the following Table**

Passing Standard for Theory Course	CIE > = 40% and SEE > = 35%. Aggregate 40%
Passing Standard for Laboratory/ Project work	CIE > = 40% and SEE > = 35%. Aggregate 40%
Passing Standard for courses having both Theory and laboratory components	CIE: Theory > = 40%, Lab > = 40 % SEE: Theory >= 35%, Lab >= 35% and aggregate of >= 40% (Theory and Lab together)

SUCCESSIVE FAILURES:

If a student fails to pass a course even after FOUR ATTEMPTS, that course is deemed to be exempted for him/her. The respective BoS may suggest an alternative course with same credits and complexity

SCHEDULE OF EXAMINATIONS

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- The Controller of Examinations will announce the Time Table for

1. Semester End Examinations (SEE),
2. Paper Viewing Process (PVP).
3. Makeup Examination.
4. Supplementary Exams.
5. Fast Track Exams.

GRADING SYSTEM

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Absolute Grading system on 10-point scale is followed in the evaluation of student's performance in a course.

- **LETTER GRADES:** Letter grade is basically a qualitative measure (an alphabet/letter) giving the performance of a student, such as, **Outstanding (O)**, **Excellent (A+)**, **Very Good (A)**, **Good (B+)**, **Above Average (B)**, **Average (C)**, **Pass (P)** and **Fail (F)**, based on the score. This is arrived at after the student's performance in a course, which includes **both CIE and SEE**.

LEVEL	OUT STANDING	EXCELL ENT	VERY GOOD	GOOD	ABOVE AVERAGE	AVERAGE	PASS	FAIL
Score (Marks) Range %	90-100	80-89	70-79	60-69	55-59	50-54	40-49	0-39
Grade	O	A+	A	B+	B	C	P	F
Grade Points	10	9	8	7	6	5	4	0

- **GRADE POINTS:** Depending on the letter grades assigned, a student earns certain grade points. In the 10-point grading system, that is followed, the grade points earned for different letter grades are mentioned above.
- **Note: Institution is examining the introduction of Relative Grading System in due course**

GRADE POINT AVERAGES SGPA AND CGPA

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The grade points earned for each course are used further for calculating **semester grade point average (SGPA)** and the **cumulative grade point average (CGPA),** both of which being important performance indices of the student.

❖ **SGPA** (Semester Grade Point Average) is the performance index of a student in a semester and is calculated as follows:

$$SGPA = \frac{\left[\sum \text{(Course Credits) x (Grade Point/s)] for all the course registered by the student, excluding transitio nal grades, in that semester.}\right]}{\left[\sum \text{(Course Credits) for all the courses registered by the student excluding transitio nal grades, in that semester.}\right]}$$

❖ **CGPA** (Cumulative Grade Point Average) is the performance index of a student of all the previous semesters and is calculated as follows:

$$CGPA = \frac{\left[\sum \text{(Course Credits)x(Grade Point/s) for all the courses registered by the students excluding F grades until that semester.}\right]}{\left[\sum \text{(Course Credits) for all the courses registered by the student excluding F grades, in that semester.}\right]}$$

ELIGIBILITY FOR MAKE UP EXAMS

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➢**GRADE 'I':** Awarded to a student having satisfactory attendance at classes and meeting the passing standard at CIE in a course, but remained absent from SEE for valid and convincing reasons as given in the Rule Book.

➢**GRADE 'X':** Awarded to a student having attendance (> = 85%) and CIE rating (> = 90%) in a course, but SEE performance observed to be 'F', which could result in an overall F grade in the course.

EARNING CREDIT: A Student would be considered to have completed a course successfully and earned the credits, if he/she secures a letter grade other than NE, MP, I, W, X or F in that course.

GRADE F IN ANY COURSE IMPLIES FAILURE IN THAT COURSE.

MAKE UP EXAMS

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- Make-up examination facility is available to those students who have missed SEE in one or more course in a semester and has been declared with a sufficient justification as' **I**' grade.
- Students having '**X**' grade shall also be eligible to take advantage of this facility. The make-up examination would be held as per dates notified by the Controller of Examinations normally immediately 10 days after the announcement of the results.
- **THERE SHALL BE NO MAKE-UP EXAMINATION FOR SUPPLEMENTARY/ FAST TRACK SEMESTER.**
- In case where the student fails to take make-up examination, the actual grade obtained in the regular examination will be considered as the final grade in the course

  ('**F**' grade in case of '**X**' grade and '**Ab**' in case of '**I**' grade)
- **NO MAKE-UP EXAMINATION WILL BE APPLICABLE FOR ONLINE MOOC COURSES.**

SUPPLIMENTARY SEMESTER

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SCHEDULE OF SUPPLEMENTARY SEMESTER:

- **A student of UG program will have opportunity to register for supplementary semester which is offered after**
  - **IV semester for courses from I to IV semester and**
  - **after VIII semester for courses from III to VIII semester.**
- For registering to supplementary semester, the student should complete the Internship/s as notified in the university Regulations/ directions.

CONDITIONS FOR VERTICAL PROGRESSION

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- The students who have satisfied CIE and Attendance requirements for the course/s and obtained F grade in SEE are permitted to appear directly in SEE examination/s as backlog paper/s.
- **The students need not re-register for such course/s in the supplementary/ fast track semester.**
- The candidate who obtains required attendance and CIE in supplementary semester, but obtains 'F' grade in SEE, is permitted appear for SEE subsequently as backlog course/s. **The student need not repeat course for Attendance and CIE.**

VERTICAL PROGRESSION

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VERTICAL PROGRESSION (PROMOTION TO NEXT ACADEMIC YEAR)

All the below clauses are subject to a maximum duration of **EIGHT YEARS** (for Regular Students) / **SIX YEARS** (for Lateral Entry Students) as applicable.

1. **In case of students admitted to the FIRST YEAR:**
   a) Students must fulfill the attendance and CIE requirement to appear for SEE of course/s of I year.
   b) Students having more than **FOUR F GRADES** in the I and II semesters of the first year of the program **SHALL NOT BE ELIGIBLE TO MOVE TO THE III SEMESTER** (II year) of the program. **These courses also include courses marked as NE and MP.**
   c) The students who are under NE and MP should repeat the courses whenever offered next and become eligible for the II year.

CONDITIONS FOR VERTICAL PROGRESSION

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1. **OBTAINING CIE**: From the (III semester) second year onwards the student who obtains the required attendance for the course, but not the required CIE marks is allowed to move forward to the next semester. However, the candidate has to register for such courses in the supplementary semester and earn both attendance and CIE before taking SEE.
2. In case, if the candidate declares NE due to shortage of attendance in **MORE THAN 4 COURSES**, then the candidate is not allowed to move forward from **EVEN TO ODD SEMESTER**.
3. **CARRYOVER OF BACKLOG COURSES**: From III semester onwards the student/s who obtains required attendance, CIE, and appears for university examinations but fails (F Grade) to pass a course/s is allowed to move forward to the next semester (odd /even) **IRRESPECTIVE OF NUMBER OF F GRADES.**

The registration of these additional credits includes the courses having a shortage of attendance and the courses whose CIE requirements are not fulfilled. **A student has to pay the prescribed fee as notified by the University from time to time.**

SUMMARY OF VERTICAL PROGRESSION

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FIRST YEAR:

1. More than 4 F Grades (including NE and MP) not permitted to move to III Sem; (F and NE/MP merged)

SECOND YEAR:

1. From II year onwards **F and NE separated**; **(NE-Attn) & (NE-CIE);**
2. At the end of even Sem **(IV & VI)** In case, if the candidate declares **NE-Attn** in **MORE THAN 4 COURSES**, then the candidate is not allowed to move forward from **EVEN TO ODD SEMESTER (V and VII Sem)**;
3. **ANY NUMBER OF F'S ARE PERMITTED TO CARRY TILL THE VIII SEM**;

FOURTH YEAR:

1. Before entering to VII sem, **all the I year courses should be completed**;
2. Maintain **> = 5.00** CGPA before the award of B.E. degree;
3. **Degree should be completed by 8 years (regular) or 6 years (for diploma);**

Summary for Change in Course

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- If a student fails to pass a course even after **FOUR ATTEMPTS**, can change the course in the next attempt. The respective BoS may suggest an alternative course with same credits and complexity.
- The candidate is permitted to change the **PROFESSION ELECTIVE COURSE** in his **SECOND ATTEMPT.**
- The candidate is permitted to change the **MOOC course** in his **SECOND ATTEMPT.**

Assessment for MOOC courses

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ONLINE MOOC COURSES:

- **The candidate obtaining "F" grade in MOOC course have to re-register for the course in NPTEL/SWAYAM platform only. The failed course has to be cleared / passed in ONLINE mode only.**
- The candidate is permitted to change the MOOC course in his **SECOND ATTEMPT.** The respective BoS may propose an alternative course with same credits and complexity out of bunch of courses with the approval from the Office of Dean Academics.
- The candidate has to register and complete the course in **ONLINE MODE ONLY.**

➢**NO MAKE-UP EXAMINATION WILL BE APPLICABLE FOR ONLINE MOOC COURSES.**

➢**NO WITHDRAWL AND DROPPING OPTION FOR MOOC COURSES.**

ACTIVITY POINTS for 2022 scheme

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AICTE has created a unique mechanism of awarding Activity points over and above the academic grades.

Activity Point Requirement

- Duration of the program: anytime during the semester weekends and holidays, as per the interest and convenience of the student from the year of entry to the program. However, minimum hours specified must be satisfied;
- Activity Points (non-credit) have no effect on SGPA/CGPA and shall not be considered for vertical progression;

Sl. No.	Student category	Activity points prescribed by AICTE
1	Day college regular student admitted to the 4 years Degree program	**100 Points**
2	Student entering 4 years degree program through lateral entry	**75 Points**
3	Students transferred from other Universities to fifth semester	**50 Points**

List of programs as per AICTE: Activity Points

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Following suggestive activities are being carried out by students in teams as per their choice

Sl. No.	Activity Head	Minimum duration		Performance appraisal/ Maximum points/activity
		Weeks	Hours	
01	Helping local schools to achieve good results and enhance their enrolment in Higher/technical/ vocational education.	2	80-90	20
02	Preparing an actionable business proposal for enhancing the village income.	2	80-90	20
03	Developing Sustainable Water management system.	2	80-90	20
04	Tourism promotion through innovative approaches.	2	80-90	20
05	Promotion of appropriate technologies.	2	80-90	20
06	Reduction in energy consumption.	2	80-90	20
07	To skill the rural population.	2	80-90	20
08	Facilitating 100% digitized money transactions.	2	80-90	20
09	Setting of the information imparting club for women leading to contribution in social and economic issues.	2	80-90	20
10	Developing and managing an efficient garbage disposal system.	2	80-90	20
11	To assist the marketing of rural produce.	2	80-90	20
12	Food preservation/ packaging.	2	80-90	20
13	Automation of local activities.	2	80-90	20
14	Spreading public awareness under rural outreach programs.	2	80-90	20
15	Contribution to any national level initiative of Government of India. For eg. Digital India, Skill India, Swachh Bharat Internship etc.	2	80-90	20

****

RV College of Engineering, Bengaluru – 560059.

35th ACADEMIC COUNCIL MEETING

Date: 3rd January 2023 Time: **10.30 a.m.**

Members Present:

Sl. No.	Name	Signature
1	Dr. K.N. Subramanya Principal, RVCE	3/1/23
2	Dr. R.S. Kulkarni HOD, Aerospace Engg.	3/1/2023
3	Dr. Vidya Niranjan HOD, Biotechnology	3/1/2023
4	Dr. Vinod Kallur HOD, Chemical Engg.	3.1.23
5	Dr. Radhakrishna HOD, Civil Engg.	3/1/23
6	Dr. P. Ramakanth Kumar HOD, Computer Science & Engg.	03/01/2023
7	Dr. S.G. Srivani HOD, Electrical & Electronics Engg.	for HOD 3/01/2023
8	Dr. H.V. Ravisharadhya HOD, Electronics & Communication Engg.	03/01/2023
9	Dr. C.H. Renumadhavi HOD, Electronics & Instrumentation Engg.	3/1/2023
10	Dr. C.K. Nagendra Guptha HOD, Industrial Engineering & Management	3/1/23
11	Dr. B.M. Sagar HOD, Information Science & Engg.	3/1/23
12	Dr. M. Krishna HOD, Mechanical Engg.	
13	Dr. Andhe Dharani Director, MCA	3/1/2023
14	Dr. K. Sreelakshmi HOD, Electronics & Telecommunication Engg.	Sreelakshmi.k 3/1/23
15	Dr. B. Satish Babu HoD, AI&ML	3.1.23
16	Dr. M.K. Sudha Kamath HOD, Physics	Sudha Kamath 3/1/23

35th ACADEMIC COUNCIL MEETING

Time: **10.30 a.m.**

Date: **3rd January 2023**

Members Present:

17	Dr. Raviraj Kusanur HOD, Chemistry	3/1/23.
18	Dr. G. Jayalatha HOD, Mathematics	Jayalatha 3/1/2023
19	Dr. N.S. Narahari Chairperson, HSS Board	3/1/2023
20	Dr. G. Sadashivappa Controller of Examinations	03.01.2023
21	Dr. K.S. Geetha Prof. & Vice Principal	3/1/23
22	Dr. B.V. Uma Dean (Student Affairs) & Professor, ECE Dept.	B.V. 3/1/23
23	Dr. Ramesh S. Sharma Associate Professor, ME Dept.	← LOA →
24	Dr. K.V.S. Rajeshwara Rao Associate Professor, IEM Dept.	3/1/23
25	Dr. G. Shireesha Asst. Professor, Physics Dept.	G. Shireesha 3/1/23
26	Dr. M.H. Kori, Retd. Technical Director, Alcatel Lucent Technologies	— LOA —
27	Prof. Kavi Mahesh Director, IIIT-Dharwad	— LOA —
28	Dr. M. Mathiarajan Chief Research Scientist, Dept. of Management Studies Indian Institute of Science, Bengaluru.	M. Mathiraj.
29	Dr. Rajashekhar Malur Chief Technology Officer, TATA Consulting Engineers Ltd. Bengaluru.	— LOA —
30	Dr. K.P. Shivananda Principal, Siddaganga Institute of Technology, Tumkur	03/01/2023
31	Dr. H.S. Prabhakara Dean-Operations, Navkis College of Engineering, Hassan	03/01/23
32	Dr. N.Shanmukha Dean (Academics) & Member Secretary	03/01/23

35th ACADEMIC COUNCIL MEETING

Date: **3rd January 2023** Time: **10.30 a.m.**

Members Present:

Special Invitees (PG Deans & Associate Deans):

Sl. No.	Name	Signature
1	Dr. Rajashree Shettar Dept. of CSE	Rajashree 3/1/23
2	Dr. M.V. Renukadevi Dept. of CV	Renkadevi 3/1/2023
3	Dr. Ravindra R. Dept. of Civil Engg.	Ravindra 03/01/23
4	Dr. H.D. Gopalakrishna Dept. of Mech. Engg.	H.D. Gopalakrishna 03/01/23
5	Dr. B. Renuka Prasad Dept. of MCA	3/1/22
6	Dr. G.S. Nagaraj Dept. of CSE	03/01/23
7	Dr. H.V. Kumaraswamy Dept. of ETE	3/1/23
8	Dr. G.S. Mamatha Dept. of ISE	3/1/2023

9 Dr AV NARAYAN
Dept of BT

AV Narayan 3/1/23

MEETING NO:36 DATE: THURSDAY, 20, 2023

ACADEMIC COUNCIL MEETING

Sl. No.	Structure	Name	SIGNATURE
1	Principal (Chairman)	Dr. K.N. Subramanya Principal, RVCE	
	All the Heads of Departments in the college	Dr. B. Sathish Babu HoD, Artificial Intelligence and Machine Learning	
2		Dr. R.S. Kulkarni HOD, Aerospace Engg.	20.07.23
3		Dr. Vidya Niranjan HOD, Biotechnology	20/7/23
4		Dr. Vinod Kallur HOD, Chemical Engg.	20.7.23
5		Dr. Radhakrishna HOD, Civil Engg.	20/7/23
6		Dr. P. Ramakanth Kumar HOD, Computer Science & Engg.	20/7/23
7		Dr. Dr. S. G. Srivani I/N HOD, Electrical & Electronics Engg.	20/7/23
8		Dr. H. V. Ravish Aradhya I/N HOD, Electronics & Communication Engg.	
9		Dr. C.H. Renumadhavi HOD, Electronics & Instrumentation Engg.	20/7/23
10		Dr. C.K. Nagendra Guptha HOD, Industrial Engineering & Management	20/7/23
11		Dr. B.M. Sagar HOD, Information Science & Engg.	20/7/23
12		Dr. M. Krishna HOD, Mechanical Engg.	
13		Dr. Andhe Dharani Director, MCA	20/7/2023
14		Dr. K. Sreelakshmi HOD, Telecommunication Engg. (Electronics and)	
15		Dr. Sudha Kamath HOD, Physics	LOA
16		Dr. Raviraj Kusanur HOD, Chemistry	20/7/23
17		Dr. G. Jayalatha. I/N HOD, Mathematics	20/7/2023
18		Dr. N.S. Narahari Chairperson, HSS Board	20/7/2023
19		Dr. G. Sadashivappa Controller of Examinations	20.07.23
20		Dr. B.V. Uma Dean (Student Affairs) & Professor, ECE Dept.	B.V 20/7/23

Sl. No.	Structure	Name	SIGNATURE
21	Four teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the college.	Dr. K.S. Geetha Vice Principal, RVCE	Geetha.
22		Dr. Minal Moharir Professor, CS Dept.	LOA
23		Dr. Promio Charles F Associate Professor, AS Dept.	LOA
24		Dr. R Sridhar Associate Professor, ME Dept.	LOA
25	Not less than four experts/academicians from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, Sciences etc., to be nominated by the Governing Body.	Dr. M.H. Kori, Retd. Technical Director, Alcatel Lucent Technologies	LOA
26		Prof. Kavi Mahesh Director, IIIT-Dharwad	LOA
27		Dr. M. Mathiarajan Chief Research Scientist, Dept. of Management Studies Indian Institute of Science, Bengaluru.	LOA
28		Dr. Rajashekhar Malur Chief Technology Officer, TATA Consulting Engineers Ltd. Bengaluru.	LOA
29	Three nominees of the university not less than Professors.	Dr. M.S. Shivakumar EC Member-VTU Former VC-CMR University, No. 1270, 4th cross, Paduvana Road, TK Layout, Kuvempunagar, Mysuru-23. M: 99720 31655 e-mail: msskumar50@gmail.com	
30		Dr. Martin Jebraj No. 306/24, 4th Floor, 7th Main Road, Lakkasandra Ext. Audugodi Post, Bengaluru-560030. M: 9880339507/ 9886184954 Email: kmartin8181@yahoo.co.in	
31		Dr. Prasad B Rampure Principal, KLE College of Engineering, Banantikodi Road, Chikkodi, Belagavi-591201. M: 9980705776 e-mail: rampureprasad@gmail.com	LOA
32	A faculty member nominated by the Principal (Member Secretary).	Dr. Shanmukha Nagaraj Member Secretary & Dean Academics	20/07

INVITEES			
Sl. No.	**NAME**	**DEPARTMENT**	**SIGNATURE**
1.	Dr. G-SHIRESHA	Physics	G Shiresha
2.	Dr. Renuka Devi. M.V	Civil	Renuka
3.	Dr. Rajashree Shettar	CSE	Rajashree
4.	Dr. NAGARAJA. L.S	CSE	L.S. Nagaraja
5.	Dr. C Bindu Ashwini	HSS	
6.	Dr. G.S. Mamatha	ISE	
7.	Dr. Rajeswara Rao KVS	IEM	KVSRR
8.	Dr AVNARAYAN	BT	
9.	Gopalakrishna	ME	
10.	Dr. Kumaraswamy H.V	ETE	
11.			
12.			
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15.			
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20.			

Members Present:

1. Dr. K.N. Subramanya – Chairperson	18. Dr. Anantharama V – Dy. CoE
2. Dr. K.S. Geetha – Vice Principal	19. Dr. G. Jayalatha – I/c. HoD, MAT
3. Dr. R.S. Kulkarni – HoD, ASE	20. Dr. N.S. Narahari – IEM
4. Dr. B. Satish Babu – HoD, AI&ML	21. Dr. KVS Rajeshwara Rao – IEM
5. Dr. Vidya Niranjan – HoD, BT	22. Dr. B. Renuka Prasad – MCA
6. Dr. Vinod Kallur – HoD, CH	23. Dr. G. Shireesha – PHY
7. Dr. P. Ramakanth Kumar – HoD, CSE	24. Dr. M.V. Renukadevi – CV
8. Dr. Radhakrishna – HoD, CV	25. Dr. Rajashree Shettar – CSE
9. Dr. Ravish Aradhya – I/c. HoD, ECE	26. Dr. H.D. Gopalakrishna – ME
10. Dr. S.G. Srivani – I/c. HoD, EEE	27. Dr. G.S. Nagaraja – CSE
11. Dr. C.H. Renumadhavi – HoD, EIE	28. Dr. G.S. Mamatha – ISE
12. Dr. K. Sreelakshmi – HoD, ETE	29. Dr. A.V. Narayan - BT
13. Dr. B.M. Sagar – HoD, ISE	30. Dr. H.V. Kumaraswamy - ETE
14. Dr. C.K. Nagendra Gupta – HoD, IEM	31. Dr. G. Sadashivappa - CoE
15. Dr. M. Krishna – HoD, ME	32. Dr. B.V. Uma – Dean (SA)
16. Dr. Andhe Dharani – Director, MCA	33. Dr. Ravindra R - CV
17. Dr. Raviraj Kusanur – HoD, CHY	34. Dr. Shanmukha Nagaraj – Member Secretary

External Members:

1) Dr. M.S. Shivakumar – Former VC, CMR University - VTU Nominee	2) Dr. Martin Jebraj – Former Principal, Dr. AIT, Bengaluru – VTU Nominee

Leave of Absence:

1) Dr. Kavi Mahesh, IIIT-Dharwad
2) Dr. Rajshekara Malur, TCE, B'luru.
3) Dr. M. Mathirajan – Professor, IISc.
4) Dr. M.K. Sudha Kamath – HoD, PHY
5) Dr. M.H. Kori – Former Tech. Dir., Alcatel-Lucent Technologies.
6) Dr. Prasad B Rampure, Principal, KLE College of Engg., Chikkodi, Belagavi. – VTU nominee

The Chairman welcomed all the members.

***Sub. No. 291*: To read and record proceedings of the 35th Academic Council Meeting held on 03.1.2023 & Action Taken Report.**

The Chairman briefed the members about the proceedings of 35th Academic Council Meeting held on 03.1.2023 and Action Taken Report thereon. Since no comments were raised. the proceedings and action taken report were read and recorded.

The Chairman informed the Council that VTU has nominated new members to the Academic Council and he thanked all the outgoing VTU nominees. He further briefed that, Dr. B. Ramprasad Rampure – VTU nominee could not attend today's meeting due to pre-occupation with other work.

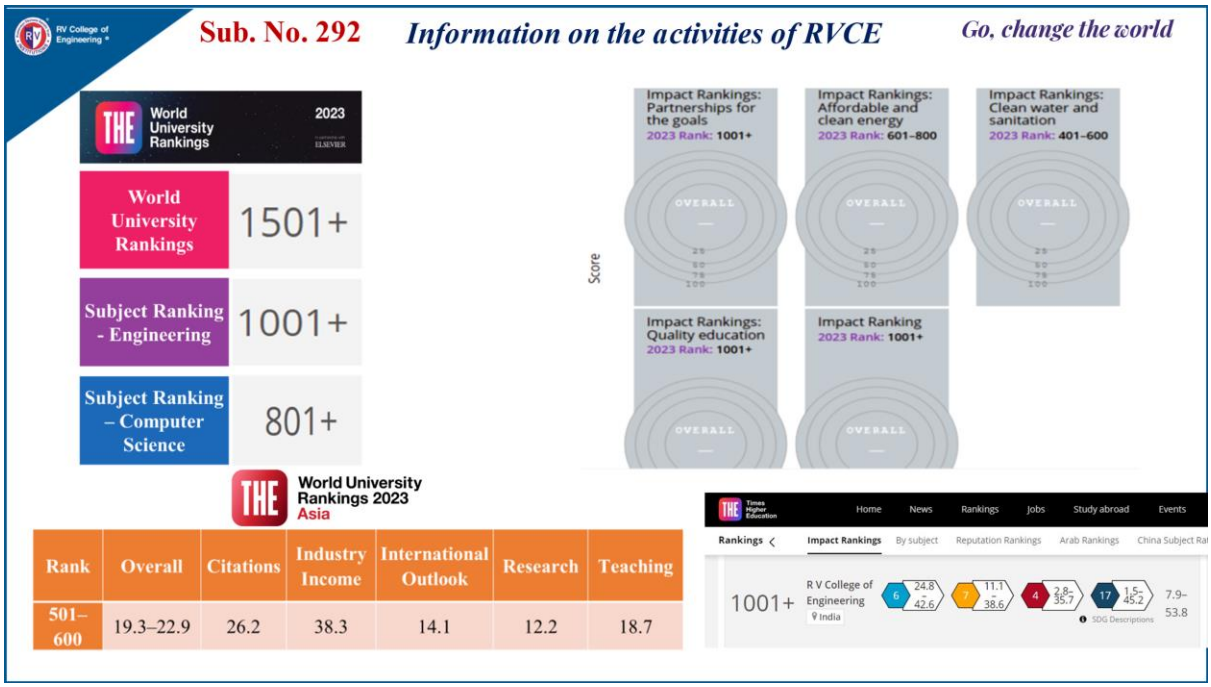
Outgoing Nominees	
1) Dr. H.S. Prabhakara, Dean – Operations, Navkis College of Engineering, Hassan. **2) Dr. K.P. Shivananda,** Principal, Siddaganga Institute of Technology, Tumkur **3) Dr. Mallikarjunayya C. Math,** Assoc. Prof., Dept. of Thermal Power Engg., VTU-PG Centre, Mysore. ***(Expired)***	We place on record their active participation and the suggestions given to improve the system and enhance quality education and research in the institution, during their tenure.

New Nominees
1) Dr. M.S. Shivakumar, EC Member-VTU, Former VC-CMR University, Bengaluru
2) Dr. Martin Jebraj, Ex Principal, Dr. Ambedkar Institute of Technology, Bengaluru.
3) Dr. Prasad B Rampure, Principal, KLE College of Engineering, Chikkodi, Belagavi.

Sub. No. 292: Information on the activities of RVCE.

The Chairman appraised the members about various activities carried out in the institution since Jan. 2023 to till date, through a presentation.





Sub. No. 292

Information on the activities of RVCE

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Media / Magazine Rankings 2023

NATIONAL INSTITUTIONAL RANKING FRAMEWORK - 2023

96

(Engineering Stream)

NIRF - YEAR WISE DETAILS		
Year	2022	2023
Total Score	40.73	42.22
Overall Rank	89	96
TLR	71	68
RPC	88	93
GO	80	81
OI	84	87
PR	67	63
No. of colleges participated	1249	1314
Percentage	7.12	7.3

Sub. No. 292

Information on the activities of RVCE

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Media / Magazine Rankings 2023



Received NCC Best Institution award of Karnataka and Goa directorate for the year 2023





RVCE NPTEL local chapter is rated as AAA for Jan -Apr 2023 semester.

Local Chapter stands 1 st in Karnataka and in 3 rd position out of top 100 colleges.



Sub. No. 292

Information on the activities of RVCE

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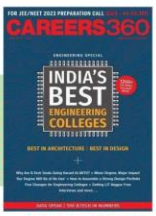
Media / Magazine Rankings 2023

Apr. 2023



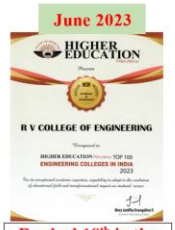
Category	Rank
Top 10 Private Engineering Colleges in the Country	6
Private Engineering Colleges in Karnataka	1
Competence of Faculty	7
Curriculum & Pedagogy (digital readiness)	7
Placements	8
Industry Interface	9
Infrastructure	8
Research & Innovation	6
Leadership / Governance Quality	8
Faculty Welfare & Development	8
Value for Money	8

April 2023



AAAA+ Grade

June 2023



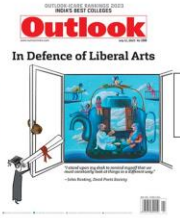
Ranked 18th in the Country

18 June, 2023



Category	Rank
Engineering Colleges in the Country	33
Private Engineering Colleges (All India)	10
Private Engineering Colleges (South Zone)	8
Private Engineering Colleges (Bengaluru)	3

11 Jul, 2023



Ranked 9th in the Country (among 160 Top Pvt. Institutions)

Sub. No. 292 *Information on the activities of RVCE*

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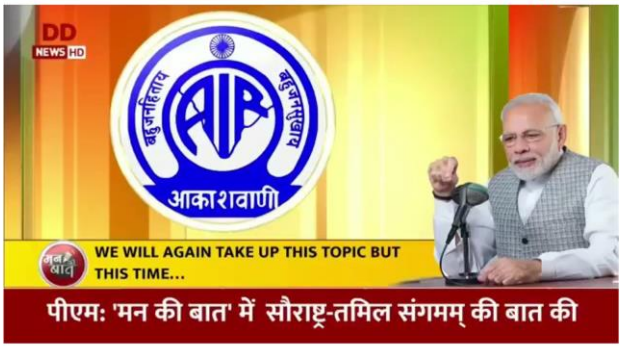
Prime Minister Narendra Modi spoke about FluxGen in 28th May 2023 Mann Ki Baat (मन की बात) episode.

Alumni Ganesh Shankar of TCE started this startup.





Sub. No. 292 *Information on the activities of RVCE*

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Student / Alumni Achievements

UPSC (Civil Services Mains) Results-2022
RVCE – UG Alumni



Shravan Kumar
Rank - 222
EEE Dept.



Vinay K S
Rank - 741
Mech. Engg. – 2014

Sub. No. 292 *Information on the activities of RVCE*

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Increase & Reduction in intake of UG Programs for the Academic Year 2023-24

UG Programs	Increase in Intake (2023-24)	Total Intake
B.E in Computer Science & Engineering	60	285*
B.E in Information Science & Engineering	60	135*
B.E in Artificial Intelligence & Machine Learning	60	120

*AICTE Additional Intake (as per Chapter VII, Clause 7.53 of APH-2022-23)
A number of institutes have reported >80% enrolments. Extra capacities shall be permitted to institutions with good NIRF ranking (<100) that have reported >80% enrolments last three years as below:
i) 95-100% enrolments – additional capacity of 25% be permitted
ii) 80-95% enrolments – additional capacity of 15% may be permitted

Reduction in intake of UG Program from the AY 2023-24

Civil Engineering	120 to 60

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Sub. No. 292 NBA Accreditation Details – 2022 -23

Undergraduate Programs

Program	Accreditation
Computer Science & Engg.	Academic Year 2022-23 to 2027-28 i.e. upto 30-06-2028
Electronics & CommunicationEngg.	
Biotechnology	
Mechanical Engg.	
Chemical Engineering	
Civil Engineering	Academic Year 2022-23 to 2024-25 i.e. upto 30-06-2025
Electronics & Telecommunication Engineering	

Postgraduate Programs – M.Tech

Program	Accreditation
Information Technology	Academic Year 2023-24 to 2025-26 i.e. upto 30-06-2026
Power Electronics	
Software Engineering	Academic Year 2022-23 to 2024-25 i.e. upto 30-06-2025

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Sub. No. 292 Activities of RVCE (Jan. 2023-till date)

Sl. No.	Particulars	
1	Research / Consultancy project proposals submitted	47 / 13,13,75,028
2	Project grants received	13 / 43,73,491
3	Training / consultancy activities	51/ 59,17,851
4	Workshops / Seminars / Conference / Events Organized	45
5	Invited talks delivered by faculty	44
6	Expert Lectures organized by the depts.	24
7	No. of workshops / Seminars / Conferences / Online Webinars attended by Faculty/ Staff:	92
8	Journal Publications by Faculty (National / International)	01 / 69
9	Conference Publications by Faculty(National /International)	01 & 28
10	Book published/chapter authored by faculty	0 / 07
11	MoUs / MoA signed	07
12	Patent Filed / Published / Granted	3 / 1 / 3

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Faculty Achievements / Recognitions

Year	Faculty	Achievement / Recognition
2023	Dr. Mahesh A	Outstanding Medium Student Branch Counselor by IEEE Bangalore Section
	Dr. Shylashree N	Certificate of Appreciation in recognition of notable contributions, commitments & exemplary services to IEEE CAS - IEEE Circuits & Systems Society (CAS) Bangalore Chapter
	Raghavendra Prasad S G	IEEE Bangalore Section Outstanding Volunteer Award – 2022
	Dr. M Lokeshwari	Certified as Trainer with Grade A for training the qualification pack of Small Hydro Power Plant Technician – under Jal Urja Mitra Programme (SCJ/Q0604), confirming to national Skill Qualification Framework level 4, by National Skill Development Corporation
	Dr. M Lokeshwari	"Saarthaka Mahile" Award for social service on occasion of international women's day by NGO- Smaana Manaska Sevakaru, Ranjani Kala Kendra Bengaluru.
	Dr Arunkumar P Chavan	Best paper presenter Award- IEEE CCWC March 2023
	Dr. Padmashree T	Certified Block chain expert by Block Chain Council
	Dr. K Natarajan	Lifetime Achievement Award in recognition of outstanding contributions to academic discipline by Ramfo R K Foundation. Vellore, TN
	Dr.Usha Rani K R	Contribution towards Research Publications in Conferences and Journals-Oct2021--Sep.2022 by IEEE ComSoc -Protsahana Award

List of faculty acquired Ph.D. from Feb. 23– Jul. 2023

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S. No.	NAME	DESGN	DEPT	UNIVERSITY	MONTH	YEAR	SPECIALIZATION
1	Sailaja Y	Asst. Prof	MATHS	VTU	February	2023	Complex Analysis
2	Nagaraju P	Asso. Prof	E&TE	VTU	June	2023	Telecommunication
3	Jyoti Shetty	Asst. Prof	CSE	VTU	February	2023	Data Mining & Cloud Computing
4	Prapulla S B	Asst. Prof	CSE	VTU	May	2023	Wireless Sensor Networks
5	Mahantesh M Math	Asst. Prof	MECH	VTU	February	2023	Ergonomics
6	Keshav M	Asst. Prof	MECH	VTU	June	2023	Computer Integrated Manufacturing
7	Sujatha Hiremath	Asst. Prof	E&C	VTU	February	2023	VLSI
8	Arun Kumar P Chavan	Asst. Prof	E&C	VTU	February	2023	Vlsi & Embedded System
9	Dr Vinutha Moses	Asst. Prof	CHEMICAL	VTU	June	2023	Chemical Engineering
10	Aiovuthu Shree Madhuri	Asst. Prof.	E&C	Koneru Lakshmaiah Education Foundation	May	2023	Communication
11	Girish Kumar R	Asst. Prof.	ME	VTU	June	2023	Product Design and Manufacturing

Community Service

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Jal Urja Mitra Skill Development Programme

Small Hydro Power Plant Technician (Jal Urja Mitra)

RVCE –Training Center ID - TC135628

Sponsored by:
Ministry of New and Renewable Energy, Govt. of India

Managed by:
Dept of Hydro and Renewable Energy, I IT Roorkee

Two Faculty Certified as Trainer with Grade A
ID - TR145977: Dr. Madhu B R &
ID- TR264233 - Dr. M Lokeshwari











Jal Urja Mitra Skill Development Program (JSDP)

AT RV COLLEGE OF ENGINEERING®

ADMISSIONS OPEN FOR SMALL HYDRO PLANT TECHNICIAN SHORT TERM COURSE

Sl.No	Job Role	NS QF Level	Batch Size	Duration in Hrs	Qualification Required
1.	Small Hydro Power Plant Technician (Jal Urja Mitra) SGJ/Q0604	4	30	600	Class 12th with science with 1 year relevant work experience OR ITI after class 10th (Electrician / Mechanical / Civil / Electronics & Communication / Control & Instrumentation) OR Government recognized 2 years Diploma (Electrical / Mechanical / Civil / Electronics & Communications / Control & Instrumentation)

Last date to apply for admission: 28th February 2023.

Link for Application: https://forms.gle/KcanA7tSuBBvc3PSc9

The cource contents shall cover following:
Free of cost residential training with free accommodation and food.
a) Role and Responsibilities of a Small Hydropower Plant O&M Technician (Jal Urja Mitra)
b) Components and Layout of Small Hydro Power (SHP) Plant
c) SHP Plant Components Inspection
d) Start and shut down SHP plant
e) Workplace Safety and Hygiene
f) Effective and Efficient Working Practices
g) Operate the Electro-Mechanical System in a Small Hydro Plant
h) Maintain the Electro-Mechanical System
i) Operate the Hydro-mechanical and Civil Systems in a Small Hydro Plant
j) Maintain the Hydro-mechanical and Civil Systems

Contact:
Department of Electrical & Electronics Engineering
Dr. Madhu B R: 080-67178315/9591,
Mobile: 9 8 7898320 6810, Dr. Nilnath Jain (9611222687),
Dr. Lokeshwari N (9741214682)
Mr. Madhusagara B (8971274873)

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Job Role:
Small Hydro Power operation and maintenance training for 30 candidates, from Electrical, Civil and Mechanical background, completed Diploma, ITI and PUC, selected through news paper, Radio, web site and other media advertisement.

Green Jobs: Small Hydro Power Plant Technician (Jal Urja Mitra) (SGJ/Q0604)
Amount Sanctioned : 20Lakhs for one Batch, 15th March – 15th June 2023

Leadership Development Programmes

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GROW

(Get Ready for Opportunities at Work)

RV Educational Excellence -Nurture Future Leaders Program

As the management was very keen on developing second level leadership skills among the competent and interested faculty members of RVCE, the Program called "**GROW**" (*Get Ready for Opportunities@ Work*) was launched on 04.04.2022. The selection process comprises of Evaluation of Synopsys, Psychometric Tests and an Expert Interview Process. Ten selected faculty members were inducted to undergo a yearlong training to get themselves familiarized with the intricacies of the prevailing processes.

Process familiarization at
RVCE, RVEI, RVIC (SAP-ERP) &
Branding & Media Communications
Leadership Trainings
Institutional Visits
Industrial Visits
Assessments
Certification Course



Dr. Nataraj J R
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natarajjr@rvce.edu.in
M: 9901150505



Dr. Mahendra Kumar
Associate Professor-ME
mahendrak@rvce.edu.in
M: 9845424115



Dr. Sridhar R
Associate Professor-ME
sridharr@rvce.edu.in
M: 9740400717



Dr. Shilpa D R
Associate Professor-EC
shilpadr@rvce.edu.in
M: 9481427157



Dr. Abhay Deshpande
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abhayadeshpande@rvce.edu.in
M: 9980815636



Dr. Saraswathi K
Associate Professor-ET
ksaraswathi@rvce.edu.in
M: 9880166866



Dr. Ramaa A
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M: 9886846831



Dr. Minal Moharir S
Associate Professor-CS
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M: 9880036062



Dr. Deepamala N
Associate Professor-CS
deepamalan@rvce.edu.in
M: 9742002251



Dr. Sagar B M
Professor-IS
sagarbm@rvce.edu.in
M: 9886332226

GROW Activities

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01 Process Familiarization
Exposure to Internal Processes at RVEI

02 Visits to Premier Institutions
Infosys, Mysuru, KIET, Bhubaneshwar & NIT Suratkal

03 Leadership Training
Technical Sessions by Eminent Leaders: Toyota& Outbound Program

04 Industry Visits
Toyota, Wendt India, Volvo

05 Quarterly Assessments
Reporting, Presentations, One - on-One Assessment

06 Finishing School
Certification from RVU & induct when need arises.

Administration
Campus Facility Management
Human Resource Management
Financial Management
Procurement Process
ERP-SAP

Student Life-Cycle Management
Admission Process
Academics
Examination Evaluation System
Placement Process
Finishing School

Research & Development
Funded Research
Consultancy
Patenting Process
Startups

Strategic Planning & Networking
Strategic Planning
Statutory Compliance
Alumni Releations
Branding & Media Communications

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International Collaboration

Academic and research collaboration - signed between RV College of Engineering, Bangalore, India and Rosenheim Technical University of Applied Sciences, Germany, on 30.5.2023



1. Prof. Dr. Ing. Martin Versen-Dean Faculty of Engineering.
2. Prof. Dr. Nataraj J R- Associate Professor of RV College of Engineering, India
3. Prof. Dr. h.c Heinrich Koster- President of Rosenheim Technical University of Applied Sciences, Germany.
4. Mrs. Olga Schloss - Manager University Relations, Bavarian - Indian Center of Business and University Cooperation



1. Mr. Florian Thoma, M.A.Project Coordinator International Technology Studies @ TH Rosenheim
2. Ms. Sibylle Möbius, M.A.-Head of International Office
3. Prof. Dr. Nataraj J R- Associate Professor of RV College of Engineering
4. Mrs. Olga Schloss - Manager University Relations, Bavarian-Indian Center of Business and University Cooperation
5. Prof. Dr. h.c Heinrich Koster- President of Rosenheim Technical University of Applied Sciences, Germany.

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International Visit / Collaboration

- Attending Summer School "Regional Sustainability: Smart Systems and Supply" from 25th Aug. to 1st Sept. 2023 @ University of Dortmund, Germany
  - a) Dr. K.N. Subramanya, Principal- RVCE
  - b) Ms. Anika Vishwas, 6th Sem. IEM Dept.
  - c) Ms. Devika Mariyappa, 6th Mech. Engg.
- Summer School is organized by the DAAD / BMBF funded project InduTwin (Industrial Twin Bachelor Program, 2019-2023).
- The costs for flight and accommodation will be covered by the project InduTwin.

- It is proposed that 10 faculty members of RVCE including Principal, are planning to attend 2nd International Roboticist Forum at Technical University of Applied Sciences Würzburg-Schweinfurt, from 20th – 24th Nov. 2023.
- The visit is proposed to be sponsored by Sustainability Fund of the institution which has been recommended in the Finance Committee Meeting.
- Robotics experts and presidents from seven international partner universities will be invited to Roboticist Forum.
- During the visit, further enhancing collaboration activities will be discussed.

Centres of Excellence for Interdisciplinary Research

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01	CoE in Macroelectronics
02	CoE in Internet of Things (CISCO-RVCE)
03	CoE in e-Mobility
04	Centre for Education & Digital Learning Research (CEDLR)
05	CoE in Smart Antenna Systems & Measurements (SAS)
06	CoE Computational Genomics
07	Center for Automation and Robotics
08	Centre for Quantum Computing
09	Logistics & Supply Chain Management
10	Centre for Hydrogen and Green Technology
11	Centre for CCTV Research
12	CoE in Cognitive Intelligent Systems for Sustainable Solutions
13	Women in Cloud : Center of Excellence In India
14	Centre for AI Research and Business Solutions
15	Centre for Visual Computing
16	Sensors & Sensors Application Technology
17	Autonomous Vehicles (WIRIN)
18	Integrated Circuits & Systems

Centres of Competence for Skill Development

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01	RV - MB Centre for Automotive Mechatronics
02	Bosch Rexroth - RVCE Centre of Competence in Automation
03	Centre for Automation and Robotics (Digital Manufacturing)
04	Centre for Nano Materials and Devices
05	Centre for 5G and Emerging Wireless Technologies
06	RVCE-Morris Garage Centre for Electric Vehicle Technologies
07	Centre of Competence in Advanced Automotive Systems [Decibels]
08	RVCE-Toyota Kirloskar Motor Centre of Excellence in Automotive Engineering







Centres of Excellence / Competencies

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Centre for Integrated Circuits & Systems

The Centre promotes a coherent programme of training which will enhance the skill set of young designers in the specified areas with academia - industry collaboration in India and abroad

- **Expertise**

RF IC Design
Analog IC Design
Digital IC Design
Mixed Signal IC Design



- **Facilities**

Licensed CADENCE Tool (full suit)



Centre for 5G and Emerging Wireless Technologies

The center aims at enhancing knowledge and skill through training. The center focuses on undertaking interdisciplinary research projects through collaboration with industry and research organizations. c

The center is supported by MODROB AICTE under the title, Modernization of Advanced RF and Wireless Communication Laboratory with full-fledged testing and characterization of the passive and active circuits for 5G and Allied technologies with a sanctioned amount of Rs.15,97,650.







Centres of Excellence / Competencies

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Centre for Sensor Technology and Applications

The CSTA was launched to suffice the need for sensors and automation in robotics, agriculture, biomedical, IoT, AI & ML.

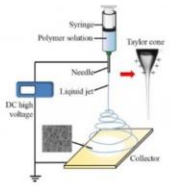
- **Expertise**

Sensors Fabrication
Design Thinking
Sensors Integration
Iot and IIOT



- **Facilities**

Analog / Digital Sensors
Thin Films & Coatings
Actuators - Linear / Rotary
Processor / Controller



Centre of Excellence in Automotive Engineering

Aimed at offering engineering students with hands-on experience about powertrains & its functioning, the students will gain the opportunity to practically assemble and disassemble engines and gain a better understanding about automobile powertrains.

- **Expertise**

Automotive Mechatronics
Automotive Electrical, Electronics and Sensor Applications



- **Facilities**

Toyota engine, transmission, and powertrain as cut section, Electrical Simulators, Mechanical Simulators, Electronics Simulators

Centres of Excellence for Interdisciplinary Research

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I-STEM Institutional ID : IN00282

I-STEM
Linking Researchers and Resources

Indian Science Technology and Engineering facilities Map (I-STEM)

Part of One Nation One Portal for Linking Researchers and Resources through I-STEM

Part of conducting skill development programs with our facilities through I-STEM to Create a pool of Skilled Personnel for O&M

Supports listing, sharing, live bookings, online invoice payment and receipt for usage of our R&D labs through I-STEM

Regular Participants of I-STEM Tech Management conclave (ITMC)

R&D Facilities & Equipments (CoEs / Depts) : 70

RAMAN



LASER Writer



ITMC – Feb 2023



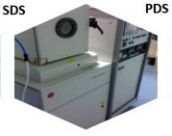
PECVD



CADS



SDS



PDS



Intellectual Properties

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IPR Coordination Cell
Innovation & Patenting Activities

Published **53**

Filed **62**

46 FER-Response

22 Granted

Patent Process Flow



TEAM

Dr. K.N. Subramanya, *Principal, RVCE*
Dr. M. Uttara Kumari, *Professor, Dept. of EC & Coordinator, IPR Cell, RVCE*
Dr. H.N. Narasimha Murthy, *Professor, Dept. of ME, RVCE*
Dr. C.K. Nagendra Gupta, *Professor & Head, Dept. of IM, RVCE*
Dr. B.G. Sudarshan, *Medical Officer and Associate Professor, Dept. of EI, RVCE*
Dr. B.T. Chitra, *Asst. Professor, Dept. of IM, RVCE*
Mr. R.B.Ravivarma, *System Administrator, RVCE*





Patents Granted

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S. No.	Patent No.	Inventors	Invention Title	Date of Filing	Date of Grant
1	420973	Kendaganna Swamy S Dewank Saxena Ansul Jain Shraddha Raj Vishwas Ramachandra Katti	Gesture Recognition System and Device With Sign Language Translation	30/03/2016	08/02/2023
2	423922	Azra Nasreen Shobha G Poornanand Purushottam Naik	Method, System and Apparatus for Preventing Shoulder Surfing in Secure Electronic Transactions	07/01/2019	03/03/2023
3	436273	Dr. Shanmukha Nagaraj Dr. Sridhar R Sandeep Krishna H Abhishek G Y Kudamala Rama Mohan Reddy Rahul R Badenkal	Tractor Mounted Aerial Work Platform for Arecanut Farming	15/09/2017	29/06/2023
4	436725	Dr Sharvani G S Prashant Abbi Srijan Devnath N M Nishantl	Agrosonic: An Autonomous Machine to Spread Fertilizers and Pesticides	06/05/2020	30/06/2023

Indo Universal Collaboration for Engineering Education (IUCEE)

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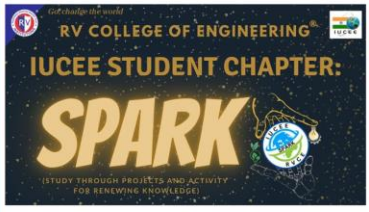

Vision
Believe in studying through projects and activities for renewing knowledge.

Mission
- Aim to enrich and enhance our community through technical and cultural diversity, curiosity, and the overall development of engineering students.
- Improving the educational experience beyond classroom walls and enhancing our ethical values
- Innovations by out-of-the-box thinking



The IUCEExRVCE students chapter aims to provide an out of the box experience, compared to a conventional classroom experience.
Specially handpicked about 100-120 students and formed a separate class named SPARK where they not only learn their regular curriculum but also have a few different experiences like mini courses and working towards the SDGs (Sustainable development goals) and working towards making the society a better and sustainable place.
To cultivate leadership qualities and social responsibility among engineers to work towards a broader spectrum of the society by helping in enriching the prosperity of the environment and the world.






Research Scholars' Statistics (Total – 535)

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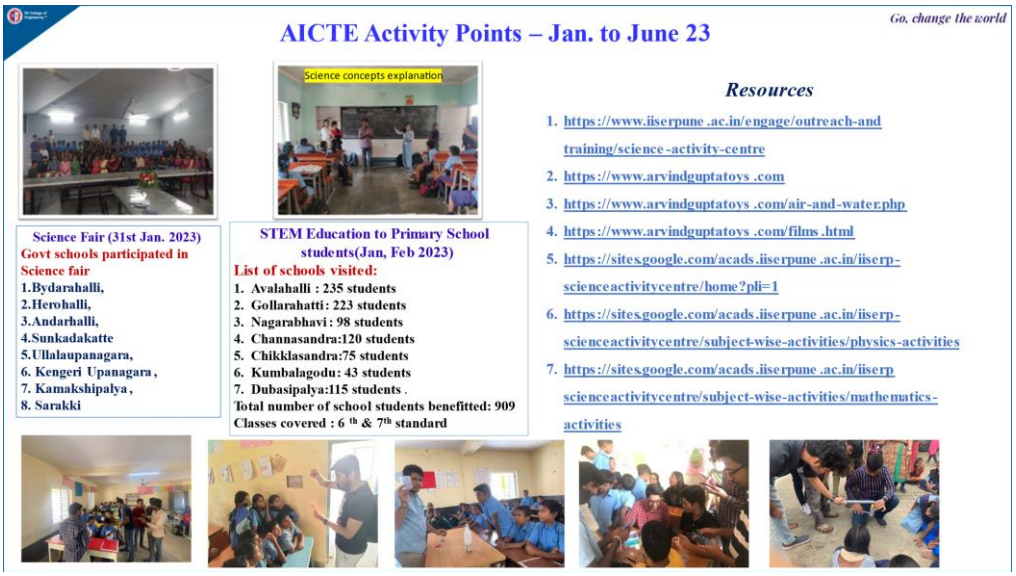
Dept.	Male	Female	Full time	Part time	Internal Research Scholars	External Research Scholars	Awarded	Pursuing	Awarded during Jan 2022 to Jul. 2023 only
AS	1	1	1	1	1	1	1	1	0
BT	8	20	10	18	3	25	10	18	2
CV	37	21	3	55	17	41	27	31	6
CH	9	9	3	15	9	9	10	8	1
CSE	26	71	9	88	30	67	41	56	10
EEE	12	24	0	36	6	30	15	21	5
ECE	26	37	0	63	27	36	36	27	9
EIE	13	17	1	29	9	21	20	10	6
IEM	13	6	2	17	5	14	4	15	2
ISE	15	23	2	36	13	25	15	23	6
ME	53	6	6	53	14	45	16	43	2
ET	8	14	0	22	9	13	9	13	1
MCA	15	16	0	31	10	21	10	21	0
PHY	1	5	0	6	0	6	0	6	0
CHM	5	7	1	11	2	10	6	6	0
MAT	4	12	2	14	5	11	7	9	5
Total	246	289	40	495	160	375	227	308	55

Number of research scholars awarded with PhD degree during Jan 2022 to Jul. 2023 ~~55~~





The external members congratulated the faculty, students, management for their achievements.

***Sub. No. 293*:** **To approve the scheme and syllabus of III-year B.E programs of 2021 scheme.**

&

***Sub. No. 294*:** **To approve the Scheme & Syllabus of II B.E. Programs of 2022 scheme.**

The Chairman briefed about the revised structure of the scheme, which is prepared based on the VTU guidelines of the autonomous system. Various Board of Studies chairpersons appraised the council regarding scheme and syllabus of III year B.E. programs of 2021 scheme and II year B.E programs of 2022 scheme **(Annex. A)**

Following discussions / suggestions were made during the deliberations.

1) Prof. Shivakumar suggested removing the year from the Course Code in the new 2022 scheme.
2) All department faculty to teach Mathematics course atleast one unit in IV semester of 2022 scheme.
3) Prof. Shivakumar suggested adding one more credit in IV Sem. 2022 scheme "Discrete Mathematical Structure" course of CS/IS program.
4) CFD course can be offered as a core course instead of an elective in Mechanical stream.

5) Chairman suggested preparing a course structure chart for all the programs with pre-requisites to give proper mapping to courses.
6) Suggested to introduce Drone course as an elective.
7) To change the course title of Deep Learning in VI Sem. ECE elective, so that the course is dealt along with applications. Dr. Sadashivappa suggested changing the title to "Signal Processing with Deep Learning".
8) Mechatronics course to be removed from Group C and move to 5th Sem. Elective of 2021 scheme.
9) To change Metrology and Measurement course title in V Sem. 2021 scheme as Digital Metrology & Measurements.
10) The chairman suggested making the common courses wherever feasible.
11) Prof. Martin Jebaraj gave overall comments on the courses and suggested solving more social and defence related problems & helping the country to grow better.

Resolution: *After a detailed discussion, the Council approved the scheme & syllabus of III year B.E programs of 2021 scheme & II B.E. Programs of 2022 scheme and suggested incorporating the changes before distributing it to the students. The Council also endorsed its approval to offer NPTEL courses as and when it changes.*

Sub. No. 295: **To approve the Scheme & Syllabus of I & II year MCA Program of 2022 Scheme.**

The BoS Chairperson of MCA briefed about the scheme structure of the I & II-year MCA program of 2022 scheme. **(Annex. B)**

Resolution: *The Council approved the scheme and syllabus of I & II-year MCA program of 2022 scheme.*

Sub. No. 296: To approve new Grading System for M.Tech & MCA Programs, new academic guidelines for 2022 scheme, as per the VTU regulations dated 23 Mar. 2023.

The Chairman briefed about the new grading system for M.Tech and MCA programs, new academic guidelines for 2022 scheme as per the VTU regulations dtd. 23 Mar. 2022, through a presentation.

- Duration of the program is 2 years (4 semesters)
- Maximum duration of the program M.Tech & MCA: 4 years

Level	Out standing	Excellent	Very Good	Good	Average	Pass	Fail
Score (Marks) Range %	90-100	80-89	70-79	60-69	55-59	50-54	0-49
Grade	O	A+	A	B+	B	C	F
Grade Points	10	9	8	7	6	5	0
	CGPA to Percentage= CGPAx10 %						

Resolution: *The Council approved the new grading system for M.Tech & MCA programs, new academic guidelines for 2022 scheme as per VTU regulations dt. 23.Mar. 2023.*

Sub. No. 297: Results Analysis of BE Programs

The Chairman briefed the council about result analysis of BE programs of 8th Sem. students (excluding Fastrack 2023).

Consolidated List of Graduating students (UG) 2019-2023												
S. No	Programme	No of students Admitted	Number of graduating students (Completed in four years) #		First Class with Distinction		First Class		Second Class		Pass Class	
		Nos	Nos	%	Nos	%	Nos	%	Nos	%	Nos	%
1	Computer Science & Engineering	218	187	85.7	143	76.4	42	22.45	02	1.06	-	-
2	Aerospace Engineering	72	60	83.3	44	73.3	16	26.60	-	-	-	-
3	Biotechnology	55	39	70.9	29	74.35	10	25.60	-	-	-	-
4	Civil Engineering	143	102	71.3	42	41.17	44	43.13	16	15.68	-	-
5	Chemical Engineering	38	25	65.7	16	64	7	28.0	2	0.80	-	-
6	Electronics & Communication Engineering	211	179	84.8	127	70.94	42	23.46	09	0.50	-	-
7	Electrical & Electronics Engineering	73	55	75.3	24	43.63	28	50.90	03	0.54	-	-
8	Electronics & Instrumentation Engineering	66	45	68.1	35	77.7	10	22.20	-	-	-	-
9	Electronics & Telecommunication Engineering	69	57	82.6	29	50.87	26	45.61	2	0.30	-	-
10	Industrial Engineering & Management	72	53	73.6	22	41.50	23	43.39	4	0.70	2	0.37
	Mechanical Engineering	148	115	77.7	69	66.60	43	37.39	02	0.17	-	-
12	Information Science & Engineering.	72	64	88.8	50	78.12	11	17.18	3	0.46	-	-
Total		**1237**	**991**	**80.01%**								

No. of students appeared and passed in all subjects during the examination.

S. No.	Branch Name	Scheme	UG – 1 Sem.		Pass %
			No. of Students Appeared	No. of Students Passed	
1	Aerospace Engineering	2022	65	51	78.46
2	Biotechnology	2022	64	56	87.50
3	Chemical Engineering	2022	42	29	69.05
4	Computer Science and Engineering	2022	240	226	94.17
5	Computer Science & Engineering (Cyber Security)	2022	63	56	88.89
6	Computer Science & Engineering (Data Science)	2022	63	59	93.65
7	Civil Engineering	2022	122	66	54.10
8	Electronics & Communication Engineering	2022	191	164	85.86
9	Electrical & Electronics Engineering	2022	65	41	63.08
10	Electronics & Instrumentation Engineering	2022	63	48	76.19
11	Industrial Engineering and Management	2022	64	37	57.81

12	Information Science and Engineering	2022	81	75	92.59
13	Mechanical Engineering	2022	128	76	59.38
14	Electronics And Telecommunication Engg.	2022	63	50	79.37

S. No.	Branch Name	Scheme	UG - 3rd Sem.		Pass %
			No. of Students Appeared	No. of Students Passed	
1	Artificial Intelligence & Machine Learning	2021	68	62	91.18
2	Aerospace Engineering	2021	68	41	60.29
3	Biotechnology	2021	65	50	76.92
4	Chemical Engineering	2021	41	33	80.49
5	Computer Science & Engg.	2021	210	182	86.67
6	Civil Engineering	2021	136	88	64.71
7	Electronics & Communication Engg.	2021	212	168	79.25
8	Electrical & Electronics Engg.	2021	72	52	72.22
9	Electronics & Instrumentation Engg.	2021	68	44	64.71
10	Industrial Engineering & Mgmt.	2021	67	51	76.12
11	Information Science and Engineering	2021	69	64	92.75
12	Mechanical Engineering	2021	135	98	72.59
13	Electronics & Telecommunication Engg.	2021	70	48	68.57

S. No.	Branch Name	Scheme	UG – 5th Sem.		Pass %
			No. of Students Appeared	No. of Students Passed	
1	Aerospace Engineering	2018	69	54	78.26
2	Biotechnology	2018	57	50	87.72
3	Chemical Engineering	2018	43	27	62.79
4	Computer Science and Engineering	2018	212	184	86.79
5	Civil Engineering	2018	129	91	70.54
6	Electronics & Communication Engg.	2018	204	163	79.90
7	Electronics & Instrumentation Engineering	2018	64	57	89.06
8	Industrial Engineering and Management	2018	66	55	83.33
9	Information Science and Engineering	2018	67	61	91.04
10	Mechanical Engineering	2018	135	119	88.15
11	Electronics & Telecommunication Engg.	2018	72	54	75.00
12	Electrical And Electronics Engineering	2018	67	55	82.09

<u>Sub. No. 298</u>: Result analysis of M.Tech and MCA programs.

The chairman briefed about the result analysis of M.Tech and MCA programs.

No. of students appeared and passed in all subjects during the exam

S. No.	Branch Name	Scheme	PG – 5th sem.		Pass %
			No. of Students Appeared	No. of Students Passed	
1	Master of Computer Applications	2020	116	111	95.69

No. of students appeared and passed in all subjects during the exam (M.Tech)

S. No.	Branch Name	Scheme	PG – 3rd Sem.		Pass %
			No. of Students Appeared	No. of Students Passed	
1	Product Design and Manufacturing	2018	28	28	100
2	Digital Communication	2018	16	16	100
3	Computer Science and Engineering	2018	16	16	100
4	Computer Integrated Manufacturing	2018	10	9	90.00
5	VLSI Design and Embedded Systems	2018	35	34	97.14
6	Computer Network Engineering	2018	15	15	100
7	Machine Design	2018	18	18	100
8	Power Electronics	2018	15	14	93.33
9	Communication Systems	2018	4	4	100
10	Structural Engineering	2018	16	15	93.75
11	Software Engineering	2018	13	13	100
12	Information Technology	2018	14	14	100
13	Highway Technology	2018	12	12	100
14	Biotechnology	2018	16	16	100.00
15	Radio Frequency and Microwave Engineering	2018	2	2	100.00

Sub. No. 299: Approval of Ranks & Graduating List for the 13th Graduation Ceremony and conduction of graduation day.

The Chairman informed the council that, 13th Graduation Day is scheduled on 19th Aug. 2023 at Poornima Palace, Near RVCE campus. Invitation letter sent to Dr. B. Venkatraman, Director, Indira Gandhi Centre for Atomic Research, Kalpakkam, TN, as Chief Guest & deliver convocation address. He has accepted our invitation to be the Chief Guest. Invitation letter sent to Mr. Kabeer Biswas, CEO & Founder, DUNZO. He has accepted the invitation and deliver the inaugural address during the programme. Various committees will be formed for conduction of the Graduation Ceremony. 8th Sem. results are announced. We will also be completing the supplementary semester by 1st week of Aug. 2023.

The Controller of Examinations briefed about the list of rank holders and graduates of 2023 passing out batch of BE students. **(Annex. C)**

The Chairman further informed the Council that the list of Graduates will be appended after the fast-track results. He also briefed the following:

- **Number of students taking Fast Track Session-1A: 55**
  - for all the outgoing students of 19 admission having **ONLY TWO** backlogs of VII sem B.E. Courses
  - Duration: 1 Month
- **Number of students taking Fast Track Session-1B: 93**
  - for all the outgoing students of 19 admission having ONLY TWO backlogs from I to VI semesters B.E. Courses.
  - Duration 1 Month
- There will be a regular fast track in the month of October:
  - Duration: 2 Months
  - All courses are **REPEATED ONCE AGAIN FROM 1 TO VIII SEMESTERS**

- By providing this opportunity, additional 148 students will be added to our graduation ceremony

Resolution: *The council unanimously endorsed its approval for the Gold Medallists, Rank Holders and Graduate List of passing our batch of 2023 students of BE programs. Also, the Council endorsed its approval to append the graduate list after the fast-track results.*

Sub. No. 300: Any other subject/s.

1) Approval for change in CO attainment from 80:20 to 60:40.

The Chairman briefed that in the previous 2018 scheme the CO attainment was 80% CIE and 20% SEE. It is proposed to change the CO attainment of 2021 & 2022 scheme from 60% CIE and 40% SEE.

Resolution: *The Council approved to change CO attainment from 80:20 to 60:40.*

2) Approval for conduction of two fast track examination in this current semester

The member secretary briefed that as per regulations from the affiliated university, VTU, it was proposed to conduct one fast track semester for the outgoing students of 8th semester. However, since the academic calendar of remaining semesters are different, one more fast track semester would be conducted to facilitate the remaining students.

Resolution: *The council approved to conduct two fast track examinations for the same courses in one academic calendar for students of 2018 scheme.*

3) Approval for conduction of SEE examination of some Lab only courses in Exhibition mode.

The member secretary explained that some of the Lab only courses in the 2018, 2021 and 2022 scheme consisted more of teamwork and hands-on experience of the students, and hence proposed to have the Semester End Examination for these courses in the mode of Exhibition. However, the students would be evaluated and assessed individually.

Resolution: *The council approved to conduct the SEE of the lab only courses of the above-mentioned schemes in the mode of exhibition.*

4) Approval for conduction of Open Book CIE.

The Member Secretary briefed that Commencing from next academic semester, we would like to explore the possibility of conducting an open book CIE. Any one of The CIEs would be an open book. Subsequently, we would bring this to SEE also. Not applicable to First Year B.E. Programs.

Resolution: *The Council endorsed its approval for conduction of Open Book CIE from next academic semester.*

5) New Members of Academic Council

The chairman informed the Council that the following four academicians / industry experts outside the college, have been nominated to the Academic Council of RVCE for a period of 3 years w.e.f. 1.9.2023 till 31.8.2026, by the Governing Body.

a) Dr. Sanjay R. Chitnis, Dean, School of Computer Science and Engineering, RV University, Bengaluru.
b) Dr. M. Mathirajan, Chief Research Scientist, Dept. of Management Studies, IISc, Bengaluru.
c) Dr. M.H. Kori, Retd. Technical Director, Alcatel Lucent Technologies, Bengaluru.
d) Sri. T.R. Parasuraman, Ex President, Toyota Industries Engine India Private Limited, Bengaluru.

All the above experts to be part of the Academic Council for the period as mentioned above.

The meeting concluded with thanks to the chair.

Member Secretary

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

UPDATED AS ON 13-10-2023

FIRST SEMESTER CHEMISTRY CYCLE					
CS STREAMS: (AI, BT, CS, CD, CY & IS)					
SL. NO.	BoS	FIRST SEM COURSE CODES	Course Title	SECOND SEM COURSE CODES	Credits
1	MA	MAT211CT	Fundamentals of Linear Algebra, Calculus And Statistics		4
2	CHY	CHY211AI	Chemistry Of Smart Materials And Devices		4
3	ME	ME112GL	Computer Aided Engineering Graphics	ME122GL	3
4	XX	XX113XT	Engineering Science Courses-I	XX123XT	3
5	XX	XX115XI	Programming Language Courses	XX125XI	3
6	HSS	HSS111EL	Communicative English-I	HSS121EL	1
7	HSS	HSS114CT	Fundamentals of Indian Constitution	HSS124CT	1
8	HSS	HSS115YL	Scientific Foundations of Health-Yoga Practice	HSS125YL	1
					20

4. ENGINEERING SCIENCE-I					
Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	Credits
1	CS	CS113AT	Fundamentals of Programming using C	CS123AT	3
1	CV	CV113AT	Elements of Civil Engineering	CV123AT	3
2	EC	EC113AT	Principles of Electronics Engineering	EC123AT	3
3	EE	EE113AT	Basics of Electrical Engineering	EE123AT	3
4	ME	ME113AT	Fundamentals of Mechanical Engineering	ME123AT	

5. PROGRAMMING LANGUAGE-I					Credits
Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	3
1	AI	AI115AI	Introduction to Python programming	AI125AI	3
2	CS	CS115AI	Introduction to Web programming	CS125AI	3
3	CS	CS115BI	Basics of Java programming	CS125BI	3
4	IS	IS115AI	Introduction to C++ Programming	IS125AI	

SECOND SEMESTER CHEMISTRY CYCLE

ME, EC & CV STREAMS: (AS, CH, IM & ME), (EC, EE, EI & ET) & CV

SL. NO.	BoS	FIRST SEM COURSE CODES	Course Title	SECOND SEM COURSE CODES	Credits
1	MA		Vector Calculus, Laplace Transform And Numerical Methods	MAT221AT	4
	MA		Vector Calculus And Computational Methods	MAT221BT	4
	MA		Applied Mathematics – II	MAT221DT	4
2	CHY		Chemistry of functional materials	CHY221BI	4
	CHY		Chemistry of Engineering materials	CHY221CI	4
	CHY		Engineering And Environmental Chemistry	CHY221DI	4
3	ME	ME112GL	Computer Aided Engineering Graphics	ME122GL	3
4	XX	XX113XT	Engineering Science Courses-II	XX123XT	3
5	XX	XX115XI	Programming Language Courses	XX125XI	3
6	HSS	HSS111EL	Communicative English-II	HSS121EL	1
7	HSS	HSS114CT	Fundamentals of Indian Constitution	HSS124CT	1
8	HSS	HSS115YL	Scientific Foundations of Health-Yoga Practice	HSS125YL	1
					20

4. ENGINEERING SCIENCE-II					Credits
Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	3
1	CS	CS113AT	Fundamentals of Programming using C	CS123AT	3
2	CV	CV113AT	Elements of Civil Engineering	CV123AT	3
3	EC	EC113AT	Principles of Electronics Engineering	EC123AT	3
4	EE	EE113AT	Basics of Electrical Engineering	EE123AT	3
5	ME	ME113AT	Fundamentals of Mechanical Engineering	ME123AT	

5. PROGRAMMING LANGUAGE-II					Credits
Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	3
1	AI	AI115AI	Introduction to Python programming	AI125AI	3
2	CS	CS115AI	Introduction to Web programming	CS125AI	3
3	CS	CS115BI	Basics of Java programming	CS125BI	3
4	IS	IS115AI	Introduction to C++ Programming	IS125AI	

UPDATED AS ON 13-10-2023

FIRST SEMESTER PHYSICS CYCLE

ME, EC & CV STREAMS: (AS, CH, IM & ME), (EC, EE, EI & ET) & C V

SL. NO.	BoS	FIRST SEM COURSE CODES	Course Title	SECOND SEM COURSE CODES	Credits
1	MA	MAT211AT	Fundamentals of Linear Algebra, Calculus And Numerical Methods		4
	MA	MAT211BT	Fundamentals of Linear Algebra, Calculus And Differential Equations		4
	MA	MAT211DT	Applied Mathematics – I		4
2	PHY	PHY211AI	Condensed Matter Physics for Engineers		4
	PHY	PHY211BI	Classical Physics for Engineers		4
	PHY	PHY211DI	Applied Physics for Engineers		4
3	XX	XX112AT	Professional Core Courses	XX122AT	3
4	XX	XX113AT	Engineering Science Courses-I	XX123AT	3
5	XX	XX114XT	Emerging Technology Courses-I	XX124XT	3
6	HSS	HSS111EL	Communicative English-I	HSS121EL	1
7	HSS	HSS112SK HSS113BK	Samskruthika Kannada Balake Kannada	HSS122SK HSS123BK	1
8	ME	ME111DL	IDEA LAB (Idea Development, Evaluation & Application)	ME121DL	1
					20

3. PROFESSIONAL CORE COURSES

Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	Credits
1	EC	EC112AT	Basic Electronics	EC122AT	3
2	EE	EE112AT	Elements of Electrical Engineering	EE122AT	3
3	ME	ME112AT	Elements of Mechanical Engineering	ME122AT	3
4	CV	CV112AT	Engineering Mechanics	CV122AT	3

4. ENGINEERING SCIENCE-I

Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	Credits
1	CS	CS113AT	Fundamentals of Programming using C	CS123AT	3
2	CV	CV113AT	Elements of Civil Engineering	CV123AT	3
3	EC	EC113AT	Principles of Electronics Engineering	EC123AT	3
4	EE	EE113AT	Basics of Electrical Engineering	EE123AT	3
5	ME	ME113AT	Fundamentals of Mechanical Engineering	ME123AT	3

5. EMERGING TECHNOLOGY

Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	Credits
1	AI	AI114AT	Introduction to Internet of Things	AI124AT	3
2	AS	AS114AT	Introduction to Drone Technology	AS124AT	3
3	BT	BT114AT	Bioinspired Engineering	BT124AT	3
4	CH	CH114AT	Global Climate Change	CH124AT	3
5	CS	CS114AT	Elements of Blockchain Technology	CS124AT	3
6	CS	CS114BT	Introduction to Cyber Security	CS124BT	3
7	CV	CV114AT	Green Buildings	CV124AT	3
8	CV	CV114BT	Infrastructure for Smart Cities	CV124BT	3
9	CHY	CHY114AT	Fundamental of Nanoscience & Technology	CHY124AT	3
10	EC	EC114AT	Fundamentals of Semiconductor Devices	EC124AT	3
11	EC	EC114BT	Introduction to Embedded Systems	EC124BT	3
12	EE	EE114AT	Renewable Energy Sources	EE124AT	3
13	EI	EI114AT	Fundamentals of Sensor Technology	EI124AT	3
14	IM	IM114AT	Human factors in Engineering	IM124AT	3
15	IS	IS114AT	Digital Humanities	IS124AT	3
16	ME	ME114AT	Smart materials and Systems	ME124AT	3
17	ME	ME114BT	Elements of Industry 4.0	M5124BT	3

SECOND SEMESTER PHYSICS CYCLE

CS STREAMS: (AI, BT, CS, CD, CY & IS)

SL. NO.	BoS	FIRST SEM COURSE CODES	Course Title	SECOND SEM COURSE CODES	Credits
1	MA		Number Theory, Vector Calculus And Computational Methods	MAT221CT	4
2	PHY		Quantum Physics for Engineers	PHY221CI	4
3	XX	XX112AT	Professional Core Courses	XX122AT	3
4	XX	XX113AT	Engineering Science Courses-II	XX123AT	3
5	XX	XX114XT	Emerging Technology Courses-II	XX124XT	3
6	HSS	HSS111EL	Communicative English-II	HSS121EL	1
7	HSS	HSS112SK HSS113BK	Samskruthika Kannada Balake Kannada	HSS122SK HSS123BK	1
8	ME	ME111DL	IDEA LAB (Idea Development, Evaluation & Application)	ME121DL	1
					20

3. PROFESSIONAL CORE COURSES

Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	Credits
1	CS		Principles of Programming using C	CS222AI	3

4. ENGINEERING SCIENCE-II

Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	Credits
1	CS	CS113AT	Fundamentals of Programming using C	CS123AT	3
1	CV	CV113AT	Elements of Civil Engineering	CV123AT	3
2	EC	EC113AT	Principles of Electronics Engineering	EC123AT	3
3	EE	EE113AT	Basics of Electrical Engineering	EE123AT	3
4	ME	ME113AT	Fundamentals of Mechanical Engineering	ME123AT	3

5. EMERGING TECHNOLOGY-II

Sl.No	BoS	FIRST SEM COURSE CODES	COURSE TITLE	SECOND SEM COURSE CODES	Credits
1	AI	AI114AT	Introduction to Internet of Things	AI124AT	3
2	AS	AS114AT	Introduction to Drone Technology	AS124AT	3
3	BT	BT114AT	Bioinspired Engineering	BT124AT	3
4	CH	CH114AT	Global Climate Change	CH124AT	3
5	CS	CS114AT	Elements of Blockchain Technology	CS124AT	3
6	CS	CS114BT	Introduction to Cyber Security	CS124BT	3
7	CV	CV114AT	Green Buildings	CV124AT	3
8	CV	CV114BT	Infrastructure for Smart Cities	CV124BT	3
9	CHY	CHY114AT	Fundamental of Nanoscience & Technology	CHY124AT	3
10	EC	EC114AT	Fundamentals of Semiconductor Devices	EC124AT	3
11	EC	EC114BT	Introduction to Embedded Systems	EC124BT	3
12	EE	EE114AT	Renewable Energy Sources	EE124AT	3
13	EI	EI114AT	Fundamentals of Sensor Technology	EI124AT	3
14	IM	IM114AT	Human factors in Engineering	IM124AT	3
15	IS	IS114AT	Digital Humanities	IS124AT	3
16	ME	ME114AT	Smart materials and Systems	ME124AT	3
17	ME	ME114BT	Elements of Industry 4.0	M5124BT	3

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MAT231ET	Mathematics for Artificial Intelligence & Machine Learning	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	AI	AI233AI	Fundamentals of Data Structures and Data Analysis	Theory & Lab
4	AI	AI234AI	Foundations of Cyber Physical Systems	Theory & Lab
5	AI	AI235AT	Statistics for Data Science	Theory
6	AI	AI237DL	Design Thinking Lab	LAB
7	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	CS	CS241AT	Discrete Mathematical Structures and Combinatorics	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	CS	CS343AI	Design and Analysis of Algorithms	Theory & Lab
5	AI	AI244AI	Artificial Intelligence and Machine Learning	Theory & Lab
6	CS	CS345AT	Computer Networks	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231BT	Statistics, Laplace Transform and Numbercal Methods	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	AS	AS233AI	Thermodynamics	Theory & Lab
4	AS	AS234AI	Mechanics of Fluids	Theory & Lab
5	AS	AS235AT	Structural Mechanics	Theory
6	HS	HS237XL	Ability Enhancement Course	LAB
7	AS	AS338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA241AT	Probability Theory and Linear Programming	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	AS	AS343AI	Aerospace Propulsion	Theory & Lab
5	AS	AS244AI	Aerospace Structures	Theory & Lab
6	AS	AS345AT	Fundamentals of Avionics	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	AS	AS237DL	Design Thinking Lab	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231BT	Statistics, Laplace Transform and Numbercal Methods	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	BT	BT233AI	Cell and Molecural Biology	Theory & Lab
4	BT	BT234AI	Unit Operations	Theory & Lab
5	BT	BT235AT	Thermodynamics and Bioanalytical Techniues	Theory
6	HS	HS237XL	Ability Enhancement Course	LAB
7	BT	BT338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	BT	BT241AT	Biostatistics	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	BT	BT343AI	Programming for Computational Biology	Theory & Lab
5	BT	BT244AT	Biochemistry	Theory & Lab
6	BT	BT345AT	Bioprocesses Calculations	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	BT	BT237DL	Design Thinking Lab	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231CT	Linear Algebra and Probability Theory	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	IS	IS233AI	Data Structure and Applications	Theory & Lab
4	CS	CS234AI	Applied Digital Logic Design and Computer Organisation	Theory & Lab
5	CS	CS235AT	Operating Systems	Theory
6	CS	CS237DL	Design Thinking Lab	LAB
7	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	CS	CS241AT	Discrete Mathematical Structures and Combinatorics	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	CS	CS343AI	Design and Analysis of Algorithms	Theory & Lab
5	CS	CS244AI	IoT and Embedded Computing	Theory & Lab
6	CS	CS345AT	Computer Networks	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231BT	Statistics, Laplace Transform and Numbercal Methods	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	CH	CH233AI	Momentum Transfer	Theory & Lab
4	CH	CH234AI	Particulate Technology	Theory & Lab
5	CH	CH235AI	Chemical Process Calculation	Theory
6	HS	HS237XL	Ability Enhancement Course	LAB
7	CH	CH338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA241AT	Probability Theory and Linear Programming	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	CH	CH343AI	Process Heat Transfer	Theory & Lab
5	CH	CH244AT	Chemical Reaction Engineering	Theory & Lab
6	CH	CH345AT	Chemical Engineering Thermodynamics	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	CH	CH237DL	Design Thinking Lab	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231CT	Linear Algebra and Probability Theory	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	IS	IS233AI	Data Structure and Applications	Theory & Lab
4	CS	CS234AI	Applied Digital Logic Design and Computer Organisation	Theory & Lab
5	CS	CS235AT	Operating Systems	Theory
6	CS	CS237DL	Design Thinking Lab	LAB
7	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	CS	CS241AT	Discrete Mathematical Structures and Combinatorics	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	CS	CS343AI	Design and Analysis of Algorithms	Theory & Lab
5	CS	CS244AI	IoT and Embedded Computing	Theory & Lab
6	CS	CS345AT	Computer Networks	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231DT	Applied Mathematics for Civil Engineering	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	CV	CV233AI	Surveying	Theory & Lab
4	CV	CV234AI	Concrete Technology	Theory & Lab
5	CV	CV235AI	Mechanics of Materials	Theory
6	HS	HS237XL	Ability Enhancement Course	LAB
7	CV	CV338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA241AT	Probability Theory and Linear Programming	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	CV	CV343AI	Fluid Mechanics	Theory & Lab
5	CV	CV244AT	Building Planning and Drawing	Theory & Lab
6	CV	CV345AT	Structural Analysis	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	CV	CV237DL	Design Thinking Lab	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231CT	Linear Algebra and Probability Theory	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	IS	IS233AI	Data Structure and Applications	Theory & Lab
4	CS	CS234AI	Applied Digital Logic Design and Computer Organisation	Theory & Lab
5	CS	CS235AT	Operating Systems	Theory
6	CY	CY237DL	Design Thinking Lab	LAB
7	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	CS	CS241AT	Discrete Mathematical Structures and Combinatorics	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	CS	CS343AI	Design and Analysis of Algorithms	Theory & Lab
5	CS	CS244AI	IoT and Embedded Computing	Theory & Lab
6	CS	CS345AT	Computer Networks	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231AT	Linear Algebra, Fourier Transform ans Statistics	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	EC	EC233AI	Anolog Microelectronic Circuit	Theory & Lab
4	EC	EC234AI	Analysis and Design of Digital Circuits with HDL	Theory & Lab
5	EC	EC235AT	Network Analysis and Control Engineering	Theory
6	AI	AI237DL	Design Thinking Lab	LAB
7	EC	EC338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	EC	EC241AT	Mathematics for Communication Engineering	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	EI	EI343AI	Microcontroller & Progrmming	Theory & Lab
5	EC	EC244AI	Signals and Systems	Theory & Lab
6	EC	EC345AT	Electro Magnetic Fields & Applications	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231AT	Linear Algebra, Fourier Transform ans Statistics	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	EE	EE233AT	Electronics& Linear Integrated Circuits	Theory & Lab
4	EC	EC234AT	Analysis and Design of Digital Circuits with HDL	Theory & Lab
5	EE	EE235AT	Signals and Network Analysis	Theory
6	AI	AI237DL	Design Thinking Lab	LAB
7	EE	EE338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA241AT	Probability Theory and Linear Programming	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	EI	EI343AI	Microcontroller & Progrmming	Theory & Lab
5	EE	EE244AT	Power Electronics and Applications	Theory
6	ET	ET345AT	Principles of Electromagnetics	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231AT	Linear Algebra, Fourier Transform ans Statistics	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	EI	EI233AT	Linear Integrated Circuits and Applications	Theory & Lab
4	EC	EC234AT	Analysis and Design of Digital Circuits with HDL	Theory & Lab
5	EI	EI235AT	Control Engineering	Theory
6	AI	AI237DL	Design Thinking Lab	LAB
7	EI	EI338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA241AT	Probability Theory and Linear Programming	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	EI	EI343AI	Microcontroller & Progrmming	Theory & Lab
5	EC	EC244AI	Signals and Systems	Theory & Lab
6	EI	EI345AT	Sensors and Actuators	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231AT	Linear Algebra, Fourier Transform ans Statistics	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	EI	EI233AT	Linear Integrated Circuits and Applications	Theory & Lab
4	EC	EC234AT	Analysis and Design of Digital Circuits with HDL	Theory & Lab
5	ET	ET235AT	Signal Processing - I	Theory
6	ET	ET237DL	Design Thinking Lab	LAB
7	ET	ET338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA241AT	Probability Theory and Linear Programming	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	EI	EI343AI	Microcontroller & Progrmming	Theory & Lab
5	ET	ET244AI	Communication Engineering - I	Theory
6	ET	ET345AT	Principles of Electromagnetics	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231BT	Statistics, Laplace Transform and Numbercal Methods	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	IM	IM233AI	Work Systems Design	Theory & Lab
4	IM	IM234AI	Manufacturing Processes	Theory & Lab
5	IM	IM235AI	Metrology & Measurements	Theory
6	HS	HS237XL	Ability Enhancement Course	LAB
7	IM	IM338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	IM	IM241AT	Statistics for Data Analytics	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	IM	IM343AI	CAD/CAM & Robotics	Theory & Lab
5	IM	IM244AT	Operations Research	Theory & Lab
6	IM	IM345AT	Marketing Management	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	IM	IM237DL	Design Thinking Lab	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231CT	Linear Algebra and Probability Theory	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	IS	IS233AI	Data Structure and Applications	Theory & Lab
4	IS	IS234AI	Logic Design and Computer Organisation	Theory & Lab
5	CS	CS235AT	Operating Systems	Theory
6	IS	IS237DL	Design Thinking Lab	LAB
7	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	CS	CS241AT	Discrete Mathematical Structures and Combinatorics	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	CS	CS343AI	Design and Analysis of Algorithms	Theory & Lab
5	IS	IS244AI	Virtual and Augmented Reality	Theory & Lab
6	CS	CS345AT	Computer Networks	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	HS	HS247XL	Ability Enhancement Course	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

2022 SCHEME COURSES AND NEW COURSE CODE

THIRD SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA231BT	Statistics, Laplace Transform and Numbercal Methods	Thoery
2	CV	CV232AT	Environment & Sustainability	Thoery
	ME	ME232AT	Material Science for Engineers	Theory
	BT	BT232AT	Bio Safety Standards and Ethics	Theory
3	ME	ME233AI	Solid Mechanics	Theory & Lab
4	ME	ME234AI	Engineering Thermodynamics	Theory & Lab
5	ME	ME235AI	Metrology and Machine Drawing	Theory & Lab
6	HS	HS237XL	Ability Enhancement Course	LAB
7	ME	ME338P	Summer Internship	Internship
8	CS	CS139DT	Bridge Course: C Programming	Theory(Audit Course)

FOURTH SEMESTER

Slo. No.	BoS	Course Code	Course Title	Category
1	MA	MA241AT	Probability Theory and Linear Programming	Theory
2	CV	CV242AT	Environment & Sustainability	Thoery
	ME	ME242AT	Material Science for Engineers	Theory
	BT	BT242AT	Bio Safety Standards and Ethics	Theory
4	ME	ME343AI	Theory of Mechines	Theory & Lab
5	ME	ME244AT	Fluid Mechanics	Theory & Lab
6	ME	ME345AT	Manufacturing Technology	Theory
7	XX	XX246XT	Professional Core Courses 3 - Group A	MOOC
8	ME	ME237DL	Design Thinking Lab	LAB
9	HS	HS248XT	Universal Human Values	Theory
10	MA	MA149DT	Bridge Course: Mathematics	Theory

ANNEXURE - B

MASTER OF COMPUTER APPLICATIONS

RV College of Engineering

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2022 Scheme
SCHEME & CREDIT STRUCTURE

Distribution of Credits in 2022 Scheme

2022 Scheme		
Semester	**Credits**	**Status**
I	26	**Implemented**
II	26	**Implemented**
III	29	**Proposed**
IV	19	**Proposed**
Total	**100**	

2022 Scheme : Credit structure

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I SEMESTER

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category
			L	T	P	Total		
1	22MAT11T	Mathematical Foundation for Computer Science	4	1	0	5	MAT	Theory
2	22MCA12T	Linux Shell Scripting	3	1	0	4	MCA	Theory
3	22MCA13TL	Computer Networks	4	0	1	5	MCA	Theory + Lab
4	22MCA14TL	Object Oriented Programming	4	0	1	5	MCA	Theory + Lab
5	22MCA15TL	Web Application Programming	4	0	1	5	MCA	Theory + Lab
6	22HSS16L	Ability Enhancement Course-I*	0	0	2	2	HSS	Lab
7	22MCA17T	Basics of Programming**	2	0	0	0	MCA	Theory
		Total				**26**		

2022 Scheme : Credit structure

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II SEMESTER

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category
			L	T	P	Total		
1	22MCA21T	Research Methodology and IPR	2	0	0	2	MCA	Theory
2	22MCA22T	Design and Analysis of Algorithms	3	1	0	4	MCA	Theory
3	22MCA23TL	Data Modeling	4	0	1	5	MCA	Theory + Lab
4	22MCA24TL	Cloud Native Fullstack Application Development-I	3	0	1	4	MCA	Theory + Lab
5	22MCA25XTL	Integrated Professional Elective- I	4	0	1	5	MCA	Theory + Lab
6	22MCA26XT	Professional Elective-II	3	1	0	4	MCA	Theory
7	22MCA27L	Design Thinking*	0	0	2	2	MCA	Lab
		Total				**26**		

* Societal Project - Design thinking course will be based on Sustainable Development Goals (SDGs)

II Sem: Professional Core Electives

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ELECTIVE – I		
Sl. No.	**Course Code**	**Course Title**
1	22MCA251TL	Internet of Things
2	22MCA252TL	Data Science-I
3	22MCA253TL	Software Testing and Practices
4	22MCA254TL	2D and 3D Modelling

II Sem: Professional Core Electives

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ELECTIVE – II		
Sl. No.	**Course Code**	**Course Title**
1	22MCA261T	DevOps
2	22MCA262T	Advanced Computer Networks
3	22MCA263T	Cryptography and Network Security
4	22MCA264T	Digital Marketing

2022 Scheme : Credit structure

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III SEMESTER

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category
			L	T	P	Total		
1	22MCA31T	Software Engineering	3	0	0	3	MCA	Theory
2	22MCA32TL	Modern Application Development	4	0	1	5	MCA	Theory + Lab
3	22MCA33TL	Cloud Native Fullstack Application Development-II	3	0	1	4	MCA	Theory + Lab
4	22MCA34XT	Professional Elective-III	3	1	0	4	MCA	Theory
5	22MCA35XT	Open Elective - I	3	0	0	3	MCA	Theory
6	22MCA36L	Minor Project	0	0	4	4	MCA	Lab
7	22MCA37L	Internship*	0	0	6	6	MCA	Lab
		Total				**29**		

**Six Weeks Internship to be completed during the intervening Vacation of II and III semesters*

III Sem: Professional Core Electives

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ELECTIVE – III		
Sl. No.	**Course Code**	**Course Title**
1	22MCA341T	Data Science-II
2	22MCA342T	Augmented Reality and Virtual Reality
3	22MCA343T	UI/UX
4	22MCA344T	Blockchain and Cyber Security

III Sem: Professional Core Electives

OPEN ELECTIVE		
Sl. No.	**Course Code**	**Course Title**
1	22MCA351T	Sustainability and Society
2	22MCA352T	Anthropology and Digital World
3	22MCA353T	Media and Communication
4	22MCA354T	Philosophy and AI

2022 Scheme : Credit structure

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IV SEMESTER

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category
			L	T	P	Total		
1	22MCA41L	Project Work	0	0	15	15	MCA	Lab
2	22MCA42L	Technical Seminar	0	0	2	2	MCA	Lab
3	22HSS43L	Ability Enhancement Course-II	0	0	2	2	HSS	Lab
		Total				**19**		

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2020 Scheme
SCHEME & CREDIT STRUCTURE

Click to edit Master title style

Distribution of Credits in 2020 Scheme

Distribution of Credits in 2020 Scheme

2020 Scheme		
Semester	**Credits**	**Status**
I	26	**Implemented**
II	26	**Implemented**
III	26	**Implemented**
IV	22	**Implemented**
Total	**100**	

2020 Scheme : Credit structure

Go, change the world

I SEMESTER

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category
			L	T	P	Total		
1	20MAT11	Mathematical Foundation for Computer Applications	4	1	0	5	MAT	Theory
2	20MCA12	Linux Shell Scripting	3	1	0	4	MCA	Theory
3	20MCA13	Computer Networks	4	0	1	5	MCA	Theory + Lab
4	20MCA14	Object Oriented Programming	4	0	1	5	MCA	Theory + Lab
5	20MCA15	Web Application Programming	4	0	1	5	MCA	Theory + Lab
6	20HSS16	Professional Practice	0	0	2	2	HSS	Lab
7	20MCAB17	Basics of Programming * (Bridge Course)	3*	0	0	0	MCA	Theory
		Total				**26**		

2020 Scheme : Credit structure

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II SEMESTER

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category
			L	T	P	Total		
1	20MCA21	Software Engineering	3	0	0	3	MCA	Theory
2	20MAT22	Data Structures & Algorithms	3	1	0	4	MCA	Theory
3	20MCA23	Database Management System	3	0	1	4	MCA	Theory + Lab
4	20MCA24X	Elective-I	3	1	0	4	MCA	Theory
5	20MCA25X	Elective-II	3	1	0	4	MCA	Theory
6	20MCA26X	Elective-III	4	0	1	5	MCA	Theory + Lab
7	20MCA17	Design-Thinking	0	0	2	2	MCA	Lab
		Total				**26**		

II Sem: Professional Core Electives

ELECTIVE – I (Networks)		
Sl. No.	**Course Code**	**Course Title**
1	20MCA241	Advanced Computer Networks
2	20MCA242	Network Security
3	20MCA243	Internet of Things

II Sem: Professional Core Electives

ELECTIVE – II (Data Science)		
Sl. No.	**Course Code**	**Course Title**
1	20MCA251	Machine Learning
2	20MCA252	Big Data Analytics
3	20MCA253	Natural Language Processing

II Sem: Professional Core Electives

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ELECTIVE – III (Software Solution Development–with Practice)		
Sl. No.	**Course Code**	**Course Title**
1	20MCA261	PHP based Software Solutions
2	20MCA262	Java based Software Solutions
3	20MCA263	JavaScript based Software Solutions

2020 Scheme : Credit structure

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III SEMESTER

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category
			L	T	P	Total		
1	20MCA31	Project Management	4	0	0	4	MCA	Theory
2	20MCA32	Modern Application Development	4	0	1	5	MCA	Theory + Lab
3	20MCA33X	Elective-IV	4	1	0	5	MCA	Theory
4	20MCA34X	Elective-V	4	1	0	5	MCA	Theory
5	20MCA35X	Elective–VI (with practice)	4	-	1	5	MCA	Theory+ Lab
6	20MCA36	Minor Project	-	-	2	2	MCA	Lab
		Total				**26**		

III Sem: Professional Core Electives

ELECTIVE – IV (Networks)		
Sl. No.	**Course Code**	**Course Title**
1	20MCA331	Cloud Computing
2	20MCA332	Cyber Security
3	20MCA333	Web of Things

III Sem: Professional Core Electives

ELECTIVE – V (Data Science)		
Sl. No.	**Course Code**	**Course Title**
1	20MCA341	Artificial Intelligence
2	20MCA342	Augmented and Virtual Reality
3	20MCA343	Deep Learning

III Sem: Professional Core Electives

ELECTIVE – VI (Software Solution Development–with Practice)		
Sl. No.	**Course Code**	**Course Title**
1	20MCA351	PHP Framework based Full Stack Software Solutions
2	20MCA352	Java Framework based Full Stack Software Solutions
3	20MCA353	JavaScript Framework based Full Stack Software Solutions

2020 Scheme : Credit structure

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IV SEMESTER

Sl. No.	Course Code	Course Title	Credit Allocation				BoS	Category
			L	T	P	Total		
1	20MCA41	Major Project	0	0	20	20	MCA	Lab
2	20MCA42	Technical Seminar	0	0	2	2	MCA	Lab
		Total				**22**		

Sub No: 295A
Scheme & Syllabus of I & II
MCA Program of 2022 Scheme

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Approved by AICTE, New Delhi



Scheme & Syllabus of
I & II Semester

2022 SCHEME

MASTER OF COMPUTER APPLICATIONS
2-Year Program

VISION

Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, with a Focus on Sustainable and Inclusive Technology

MISSION

1. To deliver outcome based Quality education, emphasizing on experiential learning with the state of the art infrastructure.
2. To create a conducive environment for interdisciplinary research and innovation.
3. To develop professionals through holistic education focusing on individual growth, discipline, integrity, ethics and social sensitivity.
4. To nurture industry-institution collaboration leading to competency enhancement and entrepreneurship.
5. To focus on technologies that are sustainable and inclusive, benefiting all sections of the society.

QUALITY POLICY

Achieving Excellence in Technical Education, Research and Consulting through an Outcome Based Curriculum focusing on Continuous Improvement and Innovation by Benchmarking against the Global Best Practices.

CORE VALUES

Professionalism, Commitment, Integrity, Team Work, Innovation

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R.V. Vidyaniketan Post, Mysore Road
Bengaluru – 560 059

Scheme & Syllabus of
I & II Semester

2022 SCHEME

MASTER OF COMPUTER APPLICATIONS

MASTER OF COMPUTER APPLICATIONS

DEPARTMENT VISION

Pioneering in ICT Enabled Quality Education and Research with a focus on Sustainable and Inclusive Applications

DEPARTMENT MISSION

1. To adapt novel methodologies for quality education through experiential learning.
2. To empower students with continuous, holistic education, emphasizing on discipline, ethics and social commitment.
3. To become a vibrant knowledge center for research and software development.
4. To continuously build capacity steering towards industry- institute collaborative research and entrepreneurial competencies.
5. To utilize and develop free and open source software tools for sustainable and inclusive growth.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1 Practice software engineering principles and standards to develop software to meet customer requirements across verticals

PEO2 Contribute to build sustainable and inclusive applications using mathematical, simulation and meta heuristic models

PEO3 Demonstrate entrepreneurial qualities through individual competence and team work

PEO4 Achieve successful professional career with integrity and societal commitments leading to lifelong learning

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 Solve real world computing system problems of various industries by understanding and applying the principles of mathematics, computing techniques and business concepts

PSO2 Design, test, develop and maintain desktop, web, mobile and cross platform software applications using modern tools and technologies

GLOSSARY OF ABBREVIATIONS

1.	AS	Aerospace Engineering
2.	BS	Basic Sciences
3.	BT	Biotechnology
4.	CH	Chemical Engineering
5.	CHY	Chemistry
6.	CIE	Continuous Internal Evaluation
7.	CS	Computer Science & Engineering
8.	CV	Civil Engineering
9.	EC	Electronics & Communication Engineering
10.	EE	Electrical & Electronics Engineering
11.	EI	Electronics & Instrumentation Engineering
12.	ET	Electronics & Telecommunication Engineering
13.	GE	Global Elective
14.	HSS	Humanities and Social Sciences
15.	IM	Industrial Engineering & Management
16.	IS	Information Science & Engineering
17.	L	Laboratory
18.	MA	Mathematics
19.	MBT	M. Tech in Biotechnology
20.	MCE	M. Tech. in Computer Science & Engineering
21.	MCN	M. Tech. in Computer Network Engineering
22.	MCS	M. Tech. in Communication Systems
23.	MDC	M. Tech. in Digital Communication
24.	ME	Mechanical Engineering
25.	MHT	M. Tech. in Highway Technology
26.	MIT	M. Tech. in Information Technology
27.	MMD	M. Tech. in Machine Design
28.	MPD	M. Tech in Product Design & Manufacturing
29.	MPE	M. Tech. in Power Electronics
30.	MSE	M. Tech. in Software Engineering
31.	MST	M. Tech. in Structural Engineering
32.	MVE	M. Tech. in VLSI Design & Embedded Systems
33.	N	Internship
34.	P	Projects (Minor / Major)
35.	PHY	Physics
36.	SDA	Skill Development Activity
37.	SEE	Semester End Examination
38.	T	Theory
39.	TL	Theory Integrated with Laboratory
40.	VTU	Visvesvaraya Technological University

POST GRADUATE PROGRAMS

Sl. No	Core Department	Program	Code
1.	BT	M. Tech in Biotechnology	MBT
2.	CS	M. Tech in Computer Science & Engineering	MCE
3.	CS	M. Tech in Computer Network Engineering	MCN
4.	CV	M. Tech in Structural Engineering	MST
5.	CV	M. Tech in Highway Technology	MHT
6.	EC	M. Tech in VLSI Design & Embedded Systems	MVE
7.	EC	M. Tech in Communication Systems	MCS
8.	EE	M. Tech in Power Electronics	MPE
9.	ET	M. Tech in Digital Communication	MDC
10.	IS	M. Tech in Software Engineering	MSE
11.	IS	M. Tech in Information Technology	MIT
12.	ME	M. Tech in Product Design & Manufacturing	MPD
13.	ME	M. Tech in Machine Design	MMD
14.	MCA	Master of Computer Applications	MCA

INDEX

SEMESTER: I			
Sl. No.	**Course Code**	**Course Title**	**Page No.**
1.	22MAT11T	Mathematical Foundation for Computer Science	01
2.	22MCA12T	Linux Shell Scripting	03
3.	22MCA13TL	Computer Networks	06
4.	22MCA14TL	Object Oriented Programming	09
5.	22MCA15TL	Web Application Programming	12
6.	22HSS16L	Ability Enhancement Course-I	15
7.	22MCA17T	Basics of Programming	17

SEMESTER: II			
Sl. No.	**Course Code**	**Course Title**	**Page No.**
1.	22MCA21T	Research Methodology and IPR	19
2.	22MCA22T	Design and Analysis of Algorithms	21
3.	22MCA23TL	Data Modeling	23
4.	22MCA24TL	Cloud Native Fullstack Application Development-I	27
5.	22MCA25XTL	Integrated Professional Elective- I	30
6.	22MCA26XT	Professional Elective-II	45
7.	22MCA27L	Design Thinking	53
INTEGRATED PROFESSIONAL ELECTIVE- I			
1.	22MCA251TL	Internet of Things	30
2.	22MCA252TL	Data Science-I	34
3.	22MCA253TL	Software Testing and Practices	38
4.	22MCA254TL	2D and 3D Modeling	42
PROFESSIONAL ELECTIVE-II			
1.	22MCA261T	DevOps	45
2.	22MCA262T	Advanced Computer Networks	47
3.	22MCA263T	Cryptography and Network Security	49
4.	22MCA264T	Digital Marketing	51

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I SEMESTER MCA												
			Credit Allocation									
SL No	**Course Code**	**Course Title**	**L**	**T**	**P**	**Total Credits**	**BoS**	**Category**	**CIE Duration (H)**	**Max Marks CIE**	**SEE Duration (H)**	**Max Marks SEE**
1.	22MAT11T	Mathematical Foundation for Computer Science	4	1	0	**5**	MAT	Theory	1.5	100	3	100
2.	22MCA12T	Linux Shell Scripting	3	1	0	**4**	MCA	Theory	1.5	100	3	100
3.	22MCA13TL	Computer Networks	4	0	1	**5**	MCA	Theory + Lab	1.5 + 3	150	3 + 3	150
4.	22MCA14TL	Object Oriented Programming	4	0	1	**5**	MCA	Theory + Lab	1.5 + 3	150	3 + 3	150
5.	22MCA15TL	Web Application Programming	4	0	1	**5**	MCA	Theory + Lab	1.5 + 3	150	3 + 3	150
6.	22HSS16L	Ability Enhancement Course-I*	0	0	2	**2**	HSS	Lab	1.5	50	2	50
7.	22MCA17T	Basics of Programming**	2	0	0	**0**	MCA	Theory	1.5	50	-	-
						26						

.

*Identified External Agency will conduct the classes and evaluate both CIE and SEE

Note: *Students are mandatorily required to get Two MOOC certification courses as recommended by HSS BoS, within I-IV Semester MCA and this is considered for the evaluation in course code 22HSS43. This is included in the HSS board.*

****Bridge Course:*** The Basics of Programming with course code 22MCA17T is a non-credit course offered to Non-Computer Science background students only.

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MASTER OF COMPUTER APPLICATIONS

II SEMESTER MCA												
			Credit Allocation									
SL No	**Course Code**	**Course Title**	**L**	**T**	**P**	**Total Credits**	**BoS**	**Category**	**CIE Duration (H)**	**Max Marks CIE**	**SEE Duration (H)**	**Max Marks SEE**
1.	22MCA21T	Research Methodology and IPR	2	0	0	**2**	MCA	Theory	1.5	50	2	50
2.	22MCA22T	Design and Analysis of Algorithms	3	1	0	**4**	MCA	Theory	1.5	100	3	100
3.	22MCA23TL	Data Modeling	4	0	1	**5**	MCA	Theory + Lab	1.5 + 3	150	3 + 3	150
4.	22MCA24TL	Cloud Native Fullstack Application Development-I	3	0	1	**4**	MCA	Theory + Lab	1.5 + 3	150	3 + 3	150
5.	22MCA25XTL	Integrated Professional Elective- I	4	0	1	**5**	MCA	Theory + Lab	1.5 + 3	150	3 + 3	150
6.	22MCA26XT	Professional Elective-II	3	1	0	**4**	MCA	Theory	1.5	100	3	100
7.	22MCA27L	Design Thinking*	0	0	2	**2**	MCA	Lab	1.5	50	2	50
						26						

* Societal Project - Design thinking course will be based on Sustainable Development Goals (SDGs)

List of Electives: II Semester

SL No	Course Code	Elective- I	SL No	Course Code	Elective-II
1.	22MCA251TL	Internet of Things	1.	22MCA261T	DevOps
2.	22MCA252TL	Data Science-I	2.	22MCA262T	Advanced Computer Networks
3.	22MCA253TL	Software Testing and Practices	3.	22MCA263T	Cryptography and Network Security
4.	22MCA254TL	2D and 3D Modeling	4.	22MCA264T	Digital Marketing

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III SEMESTER MCA												
			Credit Allocation									
SL No	**Course Code**	**Course Title**	**L**	**T**	**P**	**Total Credits**	**BoS**	**Category**	**CIE Duration (H)**	**Max Marks CIE**	**SEE Duration (H)**	**Max Marks SEE**
1.	22MCA31T	Software Engineering	3	0	0	**3**	MCA	Theory	1.5	100	3	100
2.	22MCA32TL	Modern Application Development	4	0	1	**5**	MCA	Theory + Lab	1.5 + 3	150	3 + 3	150
3.	22MCA33TL	Cloud Native Fullstack Application Development-II	3	0	1	**4**	MCA	Theory + Lab	1.5 + 3	150	3 + 3	150
4.	22MCA34XT	Professional Elective-III	3	1	0	**4**	MCA	Theory	1.5	100	3	100
5.	22MCA35XT	Open Elective - I	3	0	0	**3**	MCA	Theory	1.5	100	3	100
6.	22MCA36L	Minor Project	0	0	4	**4**	MCA	Lab	3	100	3	100
7.	22MCA37L	Internship*	0	0	6	**6**	MCA	Lab	3	100	3	100
						29						

Six Weeks Internship to be completed during the intervening Vacation of II and III semesters

List of Electives: III Semester

SL No	Course Code	Elective- III	SL No	Course Code	Open Elective
1.	22MCA341T	Data Science-II	1.	22MCA351T	Sustainability and Society
2.	22MCA342T	Augmented Reality and Virtual Reality	2.	22MCA352T	Anthropology and Digital World
3.	22MCA343T	UI/UX	3.	22MCA353T	Media and Communication
4.	22MCA344T	Blockchain and Cyber Security	4.	22MCA354T	Philosophy and AI

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IV SEMESTER MCA												
			Credit Allocation									
SL No	**Course Code**	**Course Title**	**L**	**T**	**P**	**Total Credits**	**BoS**	**Category**	**CIE Duration (H)**	**Max Marks CIE**	**SEE Duration (H)**	**Max Marks SEE**
1.	22MCA41L	Project Work	0	0	15	**15**	MCA	Lab	1.5	100	3	100
2.	22MCA42L	Technical Seminar	0	0	2	**2**	MCA	Lab	1.5	50	2	50
3.	22HSS43L	Ability Enhancement Course-II	0	0	2	**2**	HSS	Lab		50	ONLINE	50
						19						

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Credit Distribution for MCA 2022 Scheme

		SEM-I	SEM-II	SEM-III	SEM-IV	TOTAL CREDITS
SL No	**Course Type**	**Credits**				**Credits**
1.	Basic Science Course (BSC)	05	--	--	--	05
2.	Professional Core Course (PCC)	04	02	03	--	09
3.	Integrated Professional Core Course (IPCC)	15	14	09	--	38
4.	Professional Elective Course (PCE)	--	08	04	--	12
5.	Open Elective Course (OEC)	--	--	03	--	03
6.	Audit Course/ Ability Enhancement Course (AUD/AEC)	02	--	--	02	04
7.	Project / Internship	--	02	10	15	27
8.	Seminar	--	--	--	02	02
	Total	**26**	**26**	**29**	**19**	**100**

SEMESTER: I					
MATHEMATICAL FOUNDATION FOR COMPUTER SCIENCE(Theory)					
Course Code	**:**	**22MAT11T**	**CIE**	**:**	**100 Marks**
Credits: L:T:P	**:**	**4:1:0**	**SEE**	**:**	**100 Marks**
Total Hours	**:**	**52L+26T**	**SEE Duration**	**:**	**3.00 Hours**

UNIT-I	**10 Hrs**
Sets, Relations and Functions: Basics of set theory, Cartesian product of sets. Relations, Properties of relations, Zero-one matrices and directed graphs, Hasse diagram, Equivalence relations and partitions. Functions- types of functions, ceil function and the floor function, Function composition and Inverse function.	
UNIT-II	**10 Hrs**
Logic: Basic connectivity and Truth table, Logical equivalence, logical implications, Quantifiers – Predicates: Predicative logic, Free and Bound variables, Rules of inference, Consistency. Proofs of theorems-direct, indirect, and proof by contradiction.	
UNIT-III	**11 Hrs**
Engineering Optimization: Introduction to Operations Research, Linear Programming Problem-Formation, Classical optimization techniques-Simplex method. Transportation Model-North-west corner rule, Vogel's approximation method, Optimum solution using modified distribution method. Assignment Model-Hungarian method**.**	
UNIT-IV	**11 Hrs**
Statistics and Probability: Curve fitting by method of least squares, fitting of curves – polynomial, exponential, power function. Correlation and linear regression analysis. Basic concepts of probability, conditional probability, Bayes' theorem**.**	
UNIT-V	**10Hrs**
Probability Distributions: Random variables- discrete and continuous, probability mass function, probability density function, and cumulative density function. Binomial distribution, Poisson distribution, Exponential distribution, and Normal distribution.	

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand fundamental concepts of sets, relations, functions, logic, statistics and probability theory.
CO2	Apply fundamental concepts of functions, reasoning, statistics and probability theory for different domains in data science and machine learning
CO3	Analyze mathematical concepts like relational algebra, statistics, and probability theory to optimize the solutions of engineering problem.
CO4	Implement overall mathematical knowledge gained to demonstrate and analyze the problems arising in practical situations.

Reference Books	
1.	Ralph P Grimaldi, B.V.Ramana, Discrete and Combinatorial Mathematics, An applied Introduction, Pearson Education, 5th Edition, 2019, ISBN: 9789353433055, 9353433053.
2.	Kenneth H Rosen, Discrete Mathematics & its applications, McGraw-Hill, 8th Edition, 2021, ISBN: 9390727359 · 9789390727353.
3.	Ronald E. Walpole, Raymond H. Myers, Sharon L. Myers, Keying E. Ye, "Probability and Statistics for Engineers and Scientists", Pearson, 9th Edition, 2021, ISBN-13: 9780136860969.
4.	Wayne L Winston, Operations Research: Applications and Algorithms, Thomson Learning, 4th Edition, 2004, ISBN 0-534-38058-1

Scheme of Continuous Internal Evaluation (CIE): 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding upto 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30 marks), Video based seminar/presentation/demonstration (30 marks) adding up to 60 marks. Final EL marks will be reduced to 30 Marks.

Scheme of Semester End Examination (SEE) for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit.

Rubric for CIE & SEE Theory courses					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1: Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2: Question 3 or 4	20
	Total Marks	**100**	5 & 6	Unit 3: Question 5 or 6	20
			7 & 8	Unit 4: Question 7 or 8	20
			9 & 10	Unit 5: Question 9 or 10	20
				Total Marks	**100**

SEMESTER: I					
LINUX SHELL SCRIPTING (Theory)					
Course Code	**:**	**22MCA12T**	**CIE**	**:**	**100 Marks**
Credits: L:T:P	**:**	**3:1:0**	**SEE**	**:**	**100 Marks**
Total Hours	**:**	**39L+26T**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	07 Hrs
The Unix/Unix Like Operating System architecture and commands: Unix Architecture, Features of UNIX, General purpose utility commands, Basic and advanced file attributes, File system. **Introduction to version control system:** git and its usage for managing code repositories. **Introduction to Shell Script:** Shell scripts, read, command line arguments, exit, variables, wildcards, escape characters logical operators and conditional operators	
UNIT–II	**08 Hrs**
Programming through Shell Script: if conditional, case conditional, expr computations and string handling, while looping, for looping, set and shift, trap interrupting a program, debugging shell scripts with set command, validation and data entry scripts, function: introduction, scope of variable, return codes. **Scripting Standards:** Scripts and naming convention, Script File Permission, Shell Script Format, Sequence of Script execution.	
UNIT–III	**08 Hrs**
Introduction to filters: pr: paginating files**,** head: Displaying the beginning of a file, tail: displaying the end of the file, cut: slitting a file vertically, paste: pasting files, sort: ordering a file, uniq, tr: translating characters. **Filters and regular expression: grep:** Searching for a pattern, Basic Regular Expression, Extended Regular Expression and egrep, types of grep. **sed**: stream editor, Line addressing, Context addressing, Text editing, Substitution. **awk**: Simple awk filtering, splitting a line into fields, printf, redirecting and expression, comparison, begin and end, built-in variables and arrays.	
UNIT–IV	**08 Hrs**
User Management: Adding a group, adding a user, user profiles, modifying and removing users **Process Management:** Process status, system processes, mechanism of process creation, Internal and External commands, process states and Zombies, killing processes with signals **Job scheduling:** Scheduling jobs with at and crontab. **Log Management**: Running script in background for tracking various log messages, tail with egrep and echo, Central logging (rsyslog)	
UNIT–V	**08 Hrs**
Database Administration and Backup: Backing up each database to a separate file, Backing up a single database, Backup all databases to a single file, schedule a backup to automatically back up a web portal or website data. **Real Time Practice:** Shell scripting to execute different commands on different remote servers, Automatic email alert generation about hardware resources, Automate installation of required git version using shell script, Shell script to backup file system **Introduction to Docker and Curl:** Brief introduction about docker and its usage while automating infrastructure management. **Introduction to Curl:** Automating user communication to and from servers using Curl	

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand how to write shell scripts from basic to advanced level
CO2	Analyze and Identify high-level steps such as verifying user input to automate repetitive tasks
CO3	Apply shell scripting techniques and standards using filters for pattern matching on plain text data and variety of system log files
CO4	Develop effective and interactive scripts using functional blocks, operating system and networking utilities to manage complex and repetitive tasks in real time scenarios

Reference Books	
1.	Sumitabha Das, Unix Concepts and Applications, McGraw Hill, 4th Edition, 2012, ISBN:978-0-07-063546-3
2.	Ganesh Naik, Learning Linux Shell Scripting, Packt Publishing, 2nd Edition, May 2018, ISBN:978-1788993197
3.	Narendra Kumar Reddy, Complete Bash Shell Scripting, Polu Packt Publishing , April 2020, ISBN: 9781800209695 https://www.packtpub.com/in/cloud-networking/complete-bash-shell-scripting-video
4.	Mokhtar Ebrahim, Andrew Mallett, Mastering Linux shell scripting, Packt Publishing, 2nd Edition, 2018, ISBN 9781788990554
5.	Imran Afzal, A Complete Course on Linux bash shell scripting with real life examples, Packt Publishing, July 2019, ISBN:9781838984083

Scheme of Continuous Internal Evaluation (CIE): 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding up to 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding up to 60 marks. Final EL marks will be reduced to 30 Marks.

Scheme of Semester End Examination (SEE) for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit...

Rubric for CIE & SEE Theory courses					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
	Total Marks	**100**	5 & 6	Unit 3:Question 5 or 6	20
			7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Total Marks	**100**

SEMESTER: I					
COMPUTER NETWORKS (Theory & Practice)					
Course Code	**:**	**22MCA13TL**	**CIE**	**:**	**100+50 Marks**
Credits: L:T:P	**:**	**4:0:1**	**SEE**	**:**	**100+50 Marks**
Total Hours	**:**	**52L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT-I	10 Hrs
Introduction: Introduction, Uses of Computer Networks, Network Hardware, Network Software: Protocol Hierarchies, Design Issues for the Layers, Reference Models: The OSI Reference Model, The TCP/IP Reference Model, A Comparison of the OSI and TCP/IP Reference Models Physical Layer-Guided Transmission Media, Digital Modulation and Multiplexing	
UNIT-II	**10 Hrs**
Data Link Layer: Data link Layer Design issues, Error Detection codes, Sliding Window Protocols (Stop and Wait, Go-Back-N (GBN) and Selective Repetitive (SR)) **Medium Access Control:** The Channel Allocation Problem, Multiple Access Protocols, Ethernet	
UNIT–III	**12 Hrs**
The Network Layer: Network Layer Design issues, Routing algorithms- The Optimality Principal, Shortest Path Algorithm, Flooding, Distance Vector Routing, Link State Routing, Hierarchical routing, Congestion Control Algorithms, Quality of Service, Internetworking	
UNIT–IV	**10 Hrs**
The Network Layer in the Internet: The Network Layer in the internet- IP version 4 Protocol, IP version 6 protocol: The Main IPv6 Header, Extension Headers, Internet Control Protocols: ICMP, ARP, DHCP	
UNIT–V	**10 Hrs**
The Transport Layer: The Transport Service: Services Provided to the Upper Layers, Berkeley Sockets, Elements of Transport Protocols, Internet transport protocols- TCP: Introduction to TCP, The Service Model, Protocol, Segment Header, UDP **The Application Layer**: The Domain Name System, Electronic Mail, The World-Wide-Web, Streaming Audio and Video	

LABORATORY	
1.	Create a LAN with three or more nodes implementing star topology and demonstrate classful addressing
2.	Create a LAN using physical networks/virtual machine and install FTP server to demonstrate file transfer
3.	Demonstrate secured file transfer and computing over wired network and wireless network with SCP and SSH key based computing
4.	Demonstrate to calculate IP addresses using ipcalc
5.	Build DHCP server using dns-masq with and without MAC binding with IPV4 and IPV6
6.	Build DNS server for resolving the names and IP addresses
7.	Build a Firewall to Restrict Network Access using Firewall
8.	Demonstrate basic trouble shooting using ping, traceroute, ifconfig, nslookup, netstat and route
9.	Demonstrate multiple client server communication on different ports using netcat
10.	Demonstrate Proxy - Server setup for a web server and SSH port forwarding

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the fundamentals of computer networking and the concept of layered approach
CO2	Identify the design issues, services, interfaces and protocols for data flow in computer networks
CO3	Demonstrate the protocols and services designed for the layered approach
CO4	Analyze and evaluate the principles and protocols of computer networks

Reference Books	
1.	Andrew S. Tanenbaum, David J Wetherall, "Computer Networks", Pearson Education, Pearson Publication, 5th Edition, 2012, ISBN-1978-81-317-8757-1
2.	Behrouz A Forouzan, Firouz Mosharraf, "Computer Networks A Top-Down Approach", Tata McGraw-Hill Education Pvt. Ltd, 2011, ISBN 13: 9781259001567
3.	Peterson, Larry L., and Bruce S. Davie. Computer networks: a systems approach. Elsevier, 2012, 5th Edition, ISBN-13: 978-0-12-385059-1
4.	Stallings, William. Data and computer communications. Pearson Education India, 2007, 8th Edition, ISBN: 0-13-243310-9.

Scheme of Continuous Internal Evaluation (CIE) Theory: 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analysing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding up to 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding upto 60 marks. Final EL marks will be reduced to 30 Marks.

Laboratory (CIE): 40 + 10 = 50

Conduction of laboratory exercises, Lab report & observation & analysis (50 Marks), Lab Test (50 Marks), adding upto 100 marks. Final marks will be reduced to 40 & Innovative Experiment/Concept Design & Implementation (10 Marks) adding up to 50 Marks.

Scheme of Semester End Examination (SEE) Theory for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit**.**

Scheme of Semester End Examination (SEE) Laboratory for 50 marks :

SEE for practical will be jointly conducted and evaluated by two examiners. The duration of practical examination is 3 hours and is evaluated for 50 marks. The break up for conduction of practical examination is (i) Procedure and Write up : 20% of max marks, (ii) Conducting the practical: 60% of max marks, (iii) Viva Voce: 20% of max marks

Rubric for CIE & SEE for Integrated Theory courses with Laboratory					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
4	Laboratory	50	5 & 6	Unit 3:Question 5 or 6	20
	Total Marks	**150**	7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Theory Exam Marks	**100**
				Laboratory Exam Marks	**50**
				Total Marks	**150**

SEMESTER: I					
OBJECT ORIENTED PROGRAMMING (Theory & Practice)					
Course Code	**:**	**22MCA14TL**	**CIE**	**:**	**100 + 50 Marks**
Credits: L:T:P	**:**	**4:0:1**	**SEE**	**:**	**100 + 50 Marks**
Total Hours	**:**	**52L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	**11 Hrs**
Object Oriented Programming: Introductions, OOP, classes, class attributes, instances, instance attributes, Constructor and Destructor, Encapsulation **Introduction to Python Programming Language:** Introduction to python, program output, input, comments, operators, variables and assignment, numbers, if statement, while loop, for loop, and the range ( )	
UNIT–II	**11 Hrs**
Data Types: Operations and methods on strings, tuples, lists, sets and dictionaries **Functions:** Built-in Functions: Lambda, MAP, Filters and User defined Functions **Magic Methods:** Magic method syntax, available methods	
UNIT–III	**10 Hrs**
Basics of Polymorphism and Inheritance: Operator and function overloading, Introduction to Inheritance, types of Inheritance, sub classing and scope, overriding methods **Modules and Packages:** What are modules, modules and packages, creation of packages, importing modules, importing packages **Introduction to Numpy module:** numpy basics, numpy data types, creation of ndarray, nested sequences, numpy array iteration, concatenation	
UNIT–IV	**10 Hrs**
Reading and Writing Files: Introduction to File operation, opening a File, Techniques for Reading Files, Writing Files. **Context Managers:** Context manager syntax, when you should write context managers **Error and Exceptions:** Introduction to exceptions in python, detecting and handling exceptions, exceptions as strings, raising exceptions, assertions, standard exceptions	
UNIT–V	**10 Hrs**
Decorators: Understanding Decorators, Decorator Syntax, Decorators Functions, Decorator classes. **Generators:** Understanding Generators, Generator syntax, Generator Examples **OOP for Database Programming:** Introduction, Architecture, Steps for Connecting Database, Basic Operations with Examples	

LABORATORY	
Student should implement using Python Language. Apply Unit testing and integration testing (As per problem definition). Develop various test cases, execute them and analyze the test results	
1.	Implement 10 operations on string and Tuple
2.	Implement 10 operations on sets and lists
3.	Demonstrate dictionary concepts for a given scenario
4.	Implement importing of user defined modules using Magic Methods
5.	Implement any two types of Inheritance
6.	Implement overloading concept
7.	Implement overriding concept
8.	Demonstrate any five-exception handling mechanism using files
9.	Write a python program to Insert, Search, and Retrieve data into Employee Database
10.	Write a program to create Fibonacci series using generators and stack the same with a decorator to find the time taken by the generator

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the basic concepts of object oriented programming
CO2	Identify and apply relevant object-oriented concepts in any real world scenario.
CO3	Utilize object-oriented concepts to solve any real world problem
CO4	Analyze solutions using OOPs concepts for real world applications

Reference Books	
1.	Hetland, Magnus Lie, Beginning Python: from novice to Professional, Apress, 3rd Edition, 2017, ISBN 978-1-4842-0029-2.
2.	Sneeringer, Luke, Professional Python, John Wiley & Sons, 2016, ISBN -978-1-119-07085-6
3.	Paul Gries, Jennifer Campbell, Jason Montojo, Practical Programming, SHROFF Publishers and Distributors Pvt, 3rd Edition, 2018, ISBN: 13:978935213681-0.
4.	Wesley J Chun, Core Python Programming, Pearson Education, 3rd Edition, 2012, ISBN 13: 978-0-13-267820-9.

Scheme of Continuous Internal Evaluation (CIE) Theory: 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analysing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding up to 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding up to 60 marks. Final EL marks will be reduced to 30 Marks.

Laboratory (CIE): 40 + 10 = 50

Conduction of laboratory exercises, Lab report & observation & analysis (50 Marks), Lab Test (50 Marks), adding up to 100 marks. Final marks will be reduced to 40 & Innovative Experiment/Concept Design & Implementation (10 Marks) adding up to 50 Marks.

Scheme of Semester End Examination (SEE) Theory for 100 marks:
The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit**.**
Scheme of Semester End Examination (SEE) Laboratory for 50 marks :
SEE for practical will be jointly conducted and evaluated by two examiners. The duration of practical examination is 3 hours and is evaluated for 50 marks. The break up for conduction of practical examination is (i) Procedure and Write up : 20% of max marks, (ii) Conducting the practical: 60% of max marks, (iii) Viva Voce: 20% of max marks

Rubric for CIE & SEE for Integrated Theory courses with Laboratory

RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
4	Laboratory	50	5 & 6	Unit 3:Question 5 or 6	20
	Total Marks	**150**	7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Theory Exam Marks	**100**
				Laboratory Exam Marks	**50**
				Total Marks	**150**

SEMESTER: I					
WEB APPLICATION PROGRAMMING (Theory & Practice)					
Course Code	**:**	**22MCA15TL**	**CIE**	**:**	**100 + 50 Marks**
Credits: L:T:P	**:**	**4:0:1**	**SEE**	**:**	**100 + 50 Marks**
Total Hours	**:**	**52L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	**10 Hrs**
Introduction to Web Technologies: Internet, WWW, Web Browsers, Web Servers, URLs, MIME, HTTP, Security, the Web Programmers Toolbox. WAMP, LAMP, ZAMP, Client-Side Scripting versus Server-Side Scripting **Mark-up Language:** HTML5 tags- Formatting, Commenting, Code, Anchors, Backgrounds, Images, Hyper-links, Lists, Tables, Semantic Elements in HTML, Multimedia, Forms	
UNIT–II	**12 Hrs**
Front End Design: Cascading Style Sheet (CSS): Introduction to CSS – Basic syntax and structure, In-line Styles, Embedding Style Sheets, Linking External Style Sheets, Backgrounds, manipulating text, Margins and Padding, Positioning using CSS **Bootstrap:** Getting Started with Bootstrap- Mobile-irst design, Why Bootstrap, Including Bootstrap in your HTML file, The Bootstrap CDN, Overriding with custom CSS, Using the Bootstrap customizer, Deep customization of Bootstrap **Using the Base CSS:** Implementing the Bootstrap Base CSS, Headings, Body copy, Typographic elements, Emphasis inline elements, Alignment classes, Emphasis classes, Addresses, Blockquotes, Abbreviations, Lists, Tables, Basic styling, Buttons, Forms, Inline forms, Horizontal forms, Code, Images, Font families **Doing More with Components:** Jumbotron, Badges, Progress bar, Button groups	
UNIT–III	**08 Hrs**
Basics of JavaScript: Overview of JavaScript, Object orientation and JavaScript, Syntactic characteristics, Primitives, operations, and expressions, Screen output and keyboard input, Control statements, Object creation and modification, Arrays, Functions, Constructors, Pattern matching using regular expressions	
UNIT–IV	**11 Hrs**
XML: Introduction, syntax, Document structure, Document Type Definitions, Namespaces, XML schema, displaying raw XML documents **JSON:** Introduction-JSON Is a Data Interchange Format, JSON Is Programming Language Independent, JSON Syntax -JSON Is Based on JavaScript Object Literals ,Name-Value Pairs, Proper JSON Syntax, Syntax Validation, JSON as a Document, The JSON Media Type, JSON Data Types -Quick Look at Data Types, The JSON Data Types, The JSON Object Data Type, JSON Schema -Contracts with Validation Magic, Introduction to JSON Schema	
UNIT–V	**11 Hrs**
Document Object Model: The JavaScript Execution Environment, The Document Object Model, Elements Access in Java Script, Events and Event Handling, The DOM2 Event Model, DOM Tree Traversal and Modification **Data Visualization**: Getting Started with D3.JS, Using SVG to Create Images Using Code, Base tag, Basic elements, Positioning an element , Styling an element, Important SVG elements	

LABORATORY	
1.	Design a static web portal using HTML5 semantic elements, style using CSS
2.	Design a web page to demonstrate, customization of Bootstrap classes using CSS
3.	Develop an event countdown timer using HTML5, CSS/Bootstrap and JavaScript
4.	Design a JS program to show the stack implementation using Arrays
5.	Write a JS program to demonstrate any 4 methods of a. String object b. Date object c. Number Object
6.	Write a JS program to illustrate the following concepts considering appropriate scenario a. Different ways of creating objects and nested objects b. Different kinds of DOM events
7.	Design a form and validate the fields. Use regular expression to condition the fields
8.	Compose an XML file to store name, address, Email Id and phone number of three person and access the data using JavaScript, display the result by applying styles
9.	Design JSON document to store information about faculty in MCA Department, college affiliated to VTU. Make up sample data for 5 students. Access the values through JavaScript and store them in the table format
10.	Design a page to display complex shapes using D3.JS

Course Outcomes: After going through this course, the student will be able to	
CO1	Describe the basic constructs of the web concepts
CO2	Determining and comparing the relevant components that can be applied to a given problem
CO3	Apply the concepts to design and implement the web solutions for the given scenario
CO4	Analyze the web components in building an application

Reference Books	
1.	Robert W. Sebesta, Programming the World Wide Web, Pearson Education, 10th Edition, 2018, ISBN: 9780133775983.
2.	Lindsay Basset, Introduction to JavaScript Object Notation, O'Reilley Media, Inc., August 2015, 9781491929483.
3.	Aravind Shenoy, Ulrich Sossou, Learning Bootstra, O'Reilly Media, 2020, ISBN 978-1-78216-184-4.
4.	Matthew Huntington, D3.js Quick Start Guide, Packt Publishing, 2018, ISBN-13: 978-1789342383

Scheme of Continuous Internal Evaluation (CIE) Theory: 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analysing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding up to 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding up to 60 marks. Final EL marks will be reduced to 30 Marks.

Laboratory (CIE): 40 + 10 = 50

Conduction of laboratory exercises, Lab report & observation & analysis (50 Marks), Lab Test (50 Marks), adding up to 100 marks. Final marks will be reduced to 40 & Innovative Experiment/Concept Design & Implementation (10 Marks) adding up to 50 Marks.

Scheme of Semester End Examination (SEE) Theory for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit**.**

Scheme of Semester End Examination (SEE) Laboratory for 50 marks :

SEE for practical will be jointly conducted and evaluated by two examiners. The duration of practical examination is 3 hours and is evaluated for 50 marks. The break up for conduction of practical examination is (i) Procedure and Write up : 20% of max marks, (ii) Conducting the practical: 60% of max marks, (iii) Viva Voce: 20% of max marks

Rubric for CIE & SEE for Integrated Theory courses with Laboratory					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
4	Laboratory	50	5 & 6	Unit 3:Question 5 or 6	20
	Total Marks	**150**	7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Theory Exam Marks	**100**
				Laboratory Exam Marks	**50**
				Total Marks	**150**

SEMESTER: I					
ABILITY ENHANCEMENT COURSE-I (Practice)					
Course Code	**:**	**22HSS16L**	**CIE**	**:**	**50 Marks**
Credits: L:T:P	**:**	**0:0:2**	**SEE**	**:**	**50 Marks**
Total Hours	**:**	**26 hrs / Semester**	**SEE Duration**	**:**	**2.00 Hours**

UNIT-I	**05 Hrs**
Communication Skills: Basics, Method, Means, Process and Purpose, Basics of Business Communication, Written & Oral Communication, Listening **Communication with Confidence & Clarity**: Interaction with people, the need, the uses and the methods, Getting phonetically correct, using politically correct language, Debate & Extempore. **Assertive Communication**: Concept of Assertive communication, Importance and applicability of Assertive communication, Assertive Words, being assertive	
UNIT-II	**06 Hrs**
Aptitude Test Preparation: Importance of Aptitude tests, Key Components, Quantitative **Aptitude** – Problem Solving, Data Sufficiency, Data Analysis - Number Systems, Math Vocabulary, fraction decimals, digit places, profit and loss, time and work, time, speed and distance, calendar, clock, permutations and combinations, probability etc. **Mental ability:** coding-decoding, blood relations, puzzle test, logical sequence of words	
UNIT-III	**05 Hrs**
Reasoning and Logical Reasoning: logic, statement- arguments, assumptions, courses of actions, conclusions, deriving conclusions from passages, logical puzzles, Analytical Reasoning, Critical Reasoning **Presentation Skills:** Discussing the basic concepts of presentation skills, Articulation Skills, IQ & GK, How to make effective presentations, body language, Rapport Building	
UNIT-IV	**05 Hrs**
Interview Skills: Questions asked and how to handle them, Behavioral, technical and HR Interviews, etiquette **Motivation and Stress Management:** Self-motivation, group motivation, leadership abilities, Stress clauses and stress busters to handle stress and de-stress; Understanding stress - Concept of sound body and mind, Dealing with anxiety, tension, and relaxation techniques. Individual Counseling & Guidance, Career Orientation. Balancing Personal & Professional Life	
UNIT –V	**05 Hrs**
Professional Practice: Professional Dress Code, Time Sense, Respecting People & their Space, Relevant Behavior at different Hierarchical Levels. Positive Attitude, Self-Analysis and Self-Management **Professional Ethics:** values to be practiced, standards and codes to be adopted as professional engineers in the society for various projects**.** Balancing Personal & Professional Life	

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand and solve problems covering Quantitative, verbal Ability and Logical Reasoning
CO2	Apply and enhance communication, leadership and interpersonal working skills with professional ethics
CO3	Inculcate problem solving, decision making, stress management skills for lifelong learning
CO4	Develop their potential and become confident to acquire a high degree of self

Reference Books	
1.	Arun Sharma, How to prepare for Quantitative Aptitude for CAT, McGraw Hill, 8th Edition, 2022, ISBN:978-93-53160-18-0
2.	R S Agarwal, Dr. R.S. Aggarwal, S Chand Publishing, 2022, ISBN: 978-9355012326
3.	R S Agarwal, A Modern Approach to Verbal and Non-verbal Reasoning, S Chand Publishing, 2018, ISBN:978-9352832163
4.	Kerry Patterson, Joseph Grenny, Ron McMillan, Crucial Conversation: Tools for Talking When Stakes are High, McGraw-Hill Publication, 3rd Edition, 2021, ISBN: 9780071772204
5.	Aptimithra: Best Aptitude Book, Ethnus, Tata McGraw Hill, 2014 ISBN: 9781259058738

Scheme of Continuous Internal Evaluation Laboratory (CIE): 40 + 10 = 50
Conduction of aptitude, Reasoning, communication skills, analysis and presentation (50 Marks), Test (50 Marks), adding upto 100 marks. Final marks will be reduced to 40 & Experiential Learning (10 Marks) adding up to 50 Marks
Semester End Evaluation (SEE); Theory (50 Marks) - SEE for 50 marks are executed by means of an examination. The duration of the SEE will be for 2 hours.

Lab Only Course with 50 Marks					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	Continuous evaluation by the course co-ordinators	50	The evaluation is individual for the student		
2	Test	50	1.	Aptitude and Reasoning (Problem Solving):	20
	Marks (Sl No 1+2)	**100**	2.	Communication Skills (Verbal, Non-Verbal presentation skill analysis)	20
	Reduced to	40		Viva voce	10
3	Experiential Learning	10			
	Total Marks	**50**		**Total Marks**	**50**

SEMESTER: I					
BASICS OF PROGRAMMING (Theory)					
Course Code	**:**	**22MCA17T**	**CIE**	**:**	**50 Marks**
L:T:P	**:**	**2*:0:0**	**SEE**	**:**	**---**
Total Hours	**:**	**26L**	**SEE Duration**	**:**	**---**

UNIT–I	**05 Hrs**
C Programming: Decision making, control structures and arrays: C Structure, Data Types, Input-Output Statements, Decision making with if statement, simple if statement, the if-else statement, nesting of if-else statements, the else-if ladder, the switch statement, the ?: operator, the goto statement, the break statement, programming examples The while statement, the do...while statement, the for statement, nested loops, jumps in loops, the continue statement, programming examples. One dimensional and two dimensional arrays, declaration and initialization of arrays, reading, writing and manipulation of above types of arrays	
UNIT–II	**05 Hrs**
Structures: Defining a structure, declaring structure variables, accessing structure members, structure initialization, copying and comparing structure variables, Operations on individual members, array of structures, structures within structures, structures and functions, Unions, size of structures	
UNIT–III	**06 Hrs**
Pointers: Pointers in C, Declaring and accessing pointers in C, Pointer arithmetic, Functions , Call by value, Call by reference, Pointer as function arguments, recursion, Passing arrays to functions, passing strings to functions, Functions returning pointers, Pointers to functions, Programming Examples	
UNIT–IV	**05 Hrs**
Digital Logic: Binary Systems and Combinational Logic Digital Computers and Digital Systems, Binary Numbers, Number Base Conversion, Octal and Hexadecimal Numbers, subtraction using r's and r-1 complements, Binary Code, Binary Logic, Digital Logic Gates **Computer Organization:** Basic Operational Concepts, Software, Performance, Multiprocessing and Multi computers, Machine Instruction: Memory Locations and Addresses, Memory Operations, Instructions and Instruction Sequencing, Addressing Modes, Interrupts	
UNIT–V	**05 Hrs**
Operating System: Operating-System Structure, Operating-System Operations, Overview of - Process Management, Memory Management, Storage Management, Protection and Security, Distributed Systems **CPU Scheduling:** Basic Concepts of CPU scheduling, Scheduling Algorithms-FCFS, SJF, Round Robin, Priority Scheduling	

*The Basics of Programming (**22MCA17T**) is a mandatory audit course **(non-credit course)** is offered to Non-Computer Science background students only.

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the basic concepts of programming, digital logic, organization, and operating system
CO2	Demonstrate the principles of logical programming and operating system management
CO3	Apply and analyse the programming and logical skills to real world problems
CO4	Evaluate and compare the methods, solutions and algorithms of basics of programming

Reference Books	
1.	Herbert Schild, C:The Complete Reference, McGraw Hill Education, 4th Edition, July 2017, ISBN-13: 978-0070411838
2.	Yashwant Kanetkar, Let us C, ,BPB Publications ,18th Edition, 2021, ISBN-13: 978-9391392994
3.	M.Morris Mano, Digital Logic and Computer Design" Pearson, 2016, ISBN-13: 978-9332542525
4.	Abraham Silberschatz, Peter Baer Galvin, Greg Gagne, Operating System Concepts, Wiley India Pvt. Limited , 9th Edition, ISBN-BRV: !978-1-118-12938-8

Scheme of Continuous Internal Evaluation (CIE) Theory: 10 + 30 + 10 = 50

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks adding upto 20 marks. Final Quiz mark will be reduced to 10 marks

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding upto 100 Marks. Final test marks will be reduced to 30 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (10), Video based seminar/presentation/demonstration (10) adding upto 20 marks. Final EL marks will be reduced to 10 Marks

Rubric for CIE & SEE Theory courses of 50 Marks			
RUBRIC for CIE			***RUBRIC for SEE***
SL.NO	**Contents**	**Marks**	**No SEE Examination for this bridge course**
1	QUIZZES – Q1 & Q2	10	
2	TESTS – T1 & T2	30	
3	Experiential Learning – EL1 & EL2	10	
	Total Marks	**50**	

SEMESTER: II					
RESEARCH METHODOLOGY AND IPR (Theory)					
Course Code	**:**	**22MCA21T**	**CIE**	**:**	**50 Marks**
L:T:P	**:**	**2:0:0**	**SEE**	**:**	**50 Marks**
Total Hours	**:**	**26L**	**SEE Duration**	**:**	**2.00 Hours**

UNIT–I	**06 Hrs**
Research Methodology: Introduction, Meaning of Research, Objectives of Research, Motivation in Research, Types of Research, Research Approaches, Significance of Research, Research Methods versus Methodology, Research and Scientific Method, Importance of Knowing how Research is Done, Research Process, Criteria of Good Research, Research Problem, Selecting the Problem, Technique Involved in Defining a Problem, Reviewing the literature, bringing clarity and focus to the research problem, improving research methodology, Developing a theoretical framework, Developing a conceptual framework, Writing about the literature reviewed	
UNIT–II	**05 Hrs**
Research Design: Meaning of Research Design, Need for Research Design, Features of a Good Design, Important Concepts Relating to Research Design, Different Research Designs, Basic Principles of Experimental Designs, Important Experimental Designs. Design of Sample Surveys: Introduction, Sample Design, Sampling and Non-sampling Errors, Sample Survey versus Census Survey, Types of Sampling Designs	
UNIT–III	**05 Hrs**
Interpretation and Report Writing: Meaning of Interpretation, Technique of Interpretation, Precaution in Interpretation, Significance of Report Writing, Different Steps in Writing Report, Layout. Types of Reports, Oral Presentation, Mechanics of Writing a Research Report, Precautions for Writing Research Reports	
UNIT–IV	**05 Hrs**
Intellectual Property: IP law basics, types of Intellectual Property, Agencies responsible for Intellectual property Registrations, foundations of trademark law, International trademark law, subject matter of copyright, International copy right Law, foundations of Patent law- patentability, design patents. International Patent law	
UNIT–V	**05 Hrs**
Protecting Software and Computer: Related Innovations: An overview, Case studies ,Software Patent vs Copyright, Guideline for computer – related invention in Europe and Japan, Case studies	

Course Outcomes: After going through this course, the student will be able to	
CO1	Identify the suitable research methods and articulate the research steps in a proper sequence for the given problem
CO2	Conduct literature survey, define the problem statement, and suggest suitable solution for the given problem and present in the format of the research paper like IEEE/ACM/Elsevier or a proof of concept
CO3	Analyze the problem and formulate the problem to develop methodology to conduct research
CO4	Apply Copy Right Act /Patent Act /Cyber Law/ Trademark / Plagiarism check to the given case and prepare the technical paper

Reference Books	
1.	C.R. Kothari, Gaurav Garg, "Research Methodology: Methods and Techniques", New Age International 4th Edition, 2018. ISBN-13: 978-9386649225
2.	Ranjit Kumar, "Research Methodology- A step-by- step guide for beginners". SAGE Pub 3rd Edition, 2011, ISBN: 9781849203005, 9781849203012
3.	Debirag E. Bouchoux, "Intellectual Property", Cengage learning, 4th Edition, ISBN-13: 978-1-111- 64857-2
4.	Prabuddha Ganguli, "Intellectual Property Rights", Tata McGraw-Hill Publishing Company Limited,ISBN-13:978-0-07-007717-1

Scheme of Continuous Internal Evaluation (CIE) Theory: 10+ 20 + 20 = 50

QUIZ: Quiz will be conducted in online/offline mode. Two quiz will be conducted. Each quiz will be evaluated for 10 Marks, adding up to 20 Marks. Final quiz marks will be reduced to 10 Marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analysing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding up to 100 Marks. Final test marks will be reduced to 20 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and plan to carry out research study after literature review. Publication of paper, Video based seminar / presentation / (10) adding upto 20 marks. Final EL marks will be reduced to 20 Marks.

Scheme of Semester End Examination (SEE) Theory for 50 marks: The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 10 marks. Student will have to answer one full question from each unit**.**

Rubric for CIE & SEE for Integrated Theory Course with Theory					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES– Q1 & Q2	10	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	20	1 & 2	Unit 1: Question 1 or 2	10
3	Experiential Learning – EL1 & EL2	20	3 & 4	Unit 2: Question 3 or 4	10
			5 & 6	Unit 3: Question 5 or 6	10
			7 & 8	Unit 4: Question 7 or 8	10
	Total Marks	**50**	9 & 10	Unit 5: Question 9 or 10	10
				Total Marks	**50**

SEMESTER: II					
DESIGN AND ANALYSIS OF ALGORITHMS (Theory)					
Course Code	**:**	**22MCA22T**	**CIE**	**:**	**100 Marks**
L:T:P	**:**	**3:1:0**	**SEE**	**:**	**100 Marks**
Total Hours	**:**	**39L+26T**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	**08 Hrs**
Fundamentals of Algorithms and Divide and Conquer technique: Notion of Algorithm, Review of Asymptotic Notations, Recursive functions using stack, Mathematical Analysis of Non-Recursive and Recursive Algorithms **Divide and Conquer**: Binary Search, Merge Sort, Quick Sort and its performance.	
UNIT–II	**08 Hrs**
Decrease-and-Conquer & Greedy Method **Decrease and Conquer** : Insertion Sort, Topological Sorting, Depth First Search using stack, Breadth First Search using Queue **Greedy Method :** Representation of Graphs, Knapsack Problem, Minimum-Cost Spanning Trees: Prim's Algorithm, Kruskal's Algorithm; Single Source Shortest Paths	
UNIT–III	**08 Hrs**
Space and Time Trade Offs and Limitations of Algorithmic Power **Space-Time Tradeoffs:** Introduction, sorting by Counting, Input Enhancement in String Matching. **Limitation of Algorithmic Power:** Lower-Bound Arguments, Decision Trees, P, NP, and NP-Complete Problems, Challenges of Numerical Algorithms.	
UNIT–IV	**07 Hrs**
Dynamic Programming: Warshall's Algorithm, Floyd's Algorithm for the All-Pairs Shortest Paths Problem, 0/1 Knapsack, The Traveling Salesperson problem.	
UNIT–V	**08 Hrs**
Backtracking and Branch - Bound Technique Introduction to trees, tree traversal techniques **Backtracking:** n – Queens problem, Hamiltonian Circuit Problem, Subset – Sum Problem **Branch and Bound**-Assignment Problem, Travelling Salesman Problem	

Course Outcomes: After going through this course, the student will be able to	
CO1	Identify the data structures, paradigms and approaches used in algorithms and its impact in practice
CO2	Classify different computational models (e.g., divide-and-conquer), order notation and various complexity measures (e.g., running time, disk space) for real world applications
CO3	Apply relevant data structures and algorithm techniques to design efficient solutions for different applications
CO4	Analyze and evaluate the algorithms based on the data structures used, order of notation and performance metrics

Reference Books	
1.	Anany Levitin, "Introduction to the Design and Analysis of Algorithms", Person Education, 3rd Edition, 2016, ISBN-13: 9780321358288
2.	Ellis Horowitz,Sanguthevar Rajasekaran,Sartaj Sahni, "Fundamentals Of Computer Algorithms", Galgotia Publications, 2nd Edition, 2004, ISBN 13: 9788175152571
3.	Rod Stephens, "Essential Algorithms A Practical Approach to Computer Algorithms", Wiley, 2013, ISBN: 978-1-118-61210-1
4.	Rajesh K. Shukla, "Analysis and Design of Algorithms A Beginner's Approach", Wiley Edition: 2015, ISBN 13: 9788126554775

Scheme of Continuous Internal Evaluation (CIE): 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding upto 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding up to 60 marks. Final EL marks will be reduced to 30 Marks.

Scheme of Semester End Examination (SEE) for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit...

Rubric for CIE & SEE Theory courses

RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
	Total Marks	**100**	5 & 6	Unit 3:Question 5 or 6	20
			7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Total Marks	**100**

SEMESTER: II					
DATA MODELING (Theory & Practice)					
Course Code	**:**	**22MCA23TL**	**CIE**	**:**	**100+50 Marks**
L:T:P	**:**	**4:0:1**	**SEE**	**:**	**100+50 Marks**
Total Hours	**:**	**52L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	10 Hrs
Introduction to Databases **Database Languages and Architecture** :Introduction to data, information, databases, database management system; Characteristics of database approach, Data models, Schema and instances, Three schema architecture and Data Independence, Database Languages and Interfaces, Database System Environment, Centralized and Client/ Server Architectures of DBMSs **Conceptual Data Modeling:** A Sample Database Application, Entity Types, Entity Sets, Attributes, Relationship Types, Relationship Sets, Roles, and Structural Constraints, Weak Entity Types, Refining the ER Design for the Company Database, ER Diagrams, Naming Conventions, and Design Issues	
UNIT–II	**11 Hrs**
Relational Model: Relational Model Concepts, Relational Model Constraints and Relational Database Schemas and Keys, Update Operations, Transactions, and Dealing with Constraint Violations, Relational Database Design Using ER-to-Relational Mapping **Structured Query Language:** Data Definition and Data Types, Specifying Constraints in SQL, Basic Retrieval Queries in SQL, INSERT, DELETE, and UPDATE Statements in SQL, More Complex SQL Retrieval Queries-Nested Queries, Tuples, and Set/ Multi set Comparisons, exists and unique, join tables and outer joins, aggregate functions, Schema Change Statements in SQL **Normalization:** Informal Design Guidelines for Relation Schemas, Functional Dependencies, Normal Forms Based on Primary Keys, General Definitions of Second and Third Normal Forms, Boyce-Cod Normal form	
UNIT–III	**10 Hrs**
Transaction Concepts: Introduction to Transaction Processing, Transaction and System Concepts, Desirable Properties of Transactions **Semantic Data Modeling: Introduction –** Mind the Semantic Gap **Semantic Modeling Elements-** General Elements, Common and Standardized Elements **Semantic Model Development:** Development Activities, vocabularies, Patterns, and Exemplary Models	

UNIT–IV	11 Hrs
MongoDB: SQL and NoSQL evolution, MongoDB key characteristics and use cases, MongoDB configuration and best practices, Reference documentation **Scheme Design and Data Modeling : Data modeling,** MongoDB scheme design, Modeling data for atomic operations Modeling relationships, Connecting to MongoDB using Python **MongoDB CRUD operations : CRUD using the shell-** Administration, MapReduce in the mongo shell, Aggregation framework, Securing the Shell	
UNIT–V	**10 Hrs**
Advanced Querying: MongoDB CRUD operations: CRUD in Mongoid, CRUD using the Python driver, Comparison operators, Update operators, Smart querying **Aggregation:** Why Aggregation**,** Aggregation operators, Expression operators, Limitations **Indexing:** Index types- single field indexes , compound indexes	

LABORATORY	
Exercise 1	Design, Create and Implement the relational databases for any one of the Domains like Tourism, Human Resource Management, Debris Management and Others **Note :** Minimum Six (6) Queries to be executed including nested queries
Exercise 2	Design, Create and Implement the relational databases for any one of the Domains like Health Care, Energy, Agriculture, Telecom and others **Note :** Minimum Six (6) Queries to be executed including joins
Exercise 3	Create and implement CRUD operations using MongoDB for any one of the domains. Telecom, Tourism, Human Resource Management and Others **Note** : Minimum Six (6) Queries to be executed
Exercise 4	Create and implement CRUD operations using MongoDB for any one of the domains. Health Care, Energy, Agriculture **Note** : Minimum Six (6) Queries to be executed
Exercise 5	Implement an interface to perform CRUD operations in MongoDB using Python Driver for any one of the Domain listed in the exercises

Reference Books	
1.	RamezElmasri, Shamkant B. Navathe, Fundamentals of Database Systems, Pearson Addison Wesley, 6th Edition, 2011, ISBN 13: 978-0-136-08620-8
2.	Raghu Ramakrishnan, Johannes Gehrke, Database Management System, Mc Graw-Hill, 3rd Edition, 2014, ISBN-13:978-8131769591
3.	Alex Giamas, Mastering MongoDB 3.x,Packt Publishing,Kindle Edition, 2017 ISBN 978-1-78398-260-8
4.	Panos Alexopoulos, Semantic Modeling for Data,O'Reilly Media, Inc.First Edition, 2020, ISBN 9781492054276

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the fundamental concepts of structured, unstructured and semantic data models
CO2	Apply suitable data model concept to solve the given problem
CO3	Analyse relational and non-relational data model to check the performance of the data models with respect to design and manipulations
CO4	Design and implement suitable data model for any given real time scenarios

Scheme of Continuous Internal Evaluation (CIE) Theory: 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analysing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding up to 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding up to 60 marks. Final EL marks will be reduced to 30 Marks.

Laboratory (CIE): 40 + 10 = 50

Conduction of laboratory exercises, Lab report & observation & analysis (50 Marks), Lab Test (50 Marks), adding up to 100 marks. Final marks will be reduced to 40 & Innovative Experiment/Concept Design & Implementation (10 Marks) adding up to 50 Marks.

Scheme of Semester End Examination (SEE) Theory for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit**.**

Scheme of Semester End Examination (SEE) Laboratory for 50 marks :

SEE for practical will be jointly conducted and evaluated by two examiners. The duration of practical examination is 3 hours and is evaluated for 50 marks. The break up for conduction of practical examination is (i) Procedure and Write up : 20% of max marks, (ii) Conducting the practical: 60% of max marks, (iii) Viva Voce: 20% of max marks

Rubric for CIE & SEE for Integrated Theory courses with Laboratory					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
4	Laboratory	50	5 & 6	Unit 3:Question 5 or 6	20
	Total Marks	**150**	7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Theory Exam Marks	**100**
				Laboratory Exam Marks	**50**
				Total Marks	**150**

SEMESTER: II					
CLOUD NATIVE FULLSTACK APPLICATION DEVELOPMENT-I (Theory & Practice)					
Course Code	**:**	**22MCA24TL**	**CIE**	**:**	**100 + 50 Marks**
Credits: L:T:P	**:**	**3:0:1**	**SEE**	**:**	**100 + 50 Marks**
Total Hours	**:**	**39L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	**08 Hrs**
Object Oriented Design: Introduction to Object-Oriented Concepts, How to Think in Terms of Objects, The Anatomy of a Class, Class Design Guidelines, Designing with Objects **Inheritance:** Mastering Inheritance and Composition, Designing with Interfaces and Abstract Classes, Building Objects and Object-Oriented Design, Design Patterns, The SOLID Principles of Object-Oriented Design	
UNIT–II	**08 Hrs**
Java Fundamental: Applications of Java Programming, Conditional and Control Statements, Arrays, String Handling, Classes, Objects and Methods, Inheritance, super keyword. Interface, Exception Handling **Threads:** The Thread Class and Runnable Interface, Creating Thread, Creating Multiple Threads, Thread Priorities, Synchronization, using Synchronization Methods, Thread Communication using notify(), wait() and notify All(), suspending, Resuming and stopping Threads	
UNIT–III	**08 Hrs**
Java Advanced Programming: Java Concurrency package, Java Generics: Generics Fundamentals Bounded Types, Generic Methods, Generic Constructors, Some Generic, Restrictions. Collections: Collections Overview, The Collection Interfaces, The collection Classes. The Arrays Class. Lambda Expressions, Java Memory Management **Java Design Patterns**: Creational, Behavioral and Structural patterns	
UNIT–IV	**07 Hrs**
RESTful API: Java APIs For JSON Processing, Introduction To the Basics of RESTful Architecture Design Strategy, Guidelines, Best Practices, Essential RESTful API Patterns	
UNIT–V	**08 Hrs**
Advanced RESTful API: Patterns, Microservice API Gateways, RESTful Services API Testing and Security, RESTful Service Composition for Smart Applications RESTful API Design Tips	

LABORATORY	
1.	Write a Java program to demonstrate the concepts Encapsulation, Inheritance & Multiple Inheritance
2.	Complete the following: 1. Create a package named shape. 2. Create some classes in the package representing some common shapes like Square, Triangle, and Circle. 3. Import and compile these classes in other program.
3.	Write a Java program to demonstrate the concepts i)Abstraction, Run Time Polymorphism
4.	Write a Java programs to demonstrate the concepts of design patterns.
5.	Write a Java program that demonstrated the Thread Life Cycle
6.	Write a Java code to demonstrate producer & consumer problems using thread wait & notify methods.
7.	Write a Singleton class which is thread safe and immutable.
8.	Using Java Generics demonstrates below concepts using Java program i) Type wildcards with Java Generics
9.	Build portal RESTful web API to demonstrate to create a web resource which can be accessed using REST URI's and demonstrate the concept of GET, POST, PUT & DELETE
10.	Build portal RESTful web API to demonstrate below concepts i) Write a Web API to demonstrate the concepts of security using basic Oauth2

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand Object Oriented Design concepts
CO2	Identify the Objects, patterns and services in/ for real-time applications
CO3	Apply the concept of Objects, patterns and services for real-time applications
CO4	Analyze solutions using OOPs concepts for real world applications

Reference Books	
1.	Matt Weisfeld, Object-Oriented Thought Process, Addison-Wesley Professional, 5th Edition, 2019, ISBN: 9780135182130
2.	Jeff Friesen, Java Threads and the Concurrency Utilities, Apress , ISBN: 9781484217009
3.	Ian F. Darwin, Java Cookbook, O'Reilly Media, Inc., 4th Edition, ISBN: 9781492072584
4.	Bogu, Mohanram Balachandar, RESTful Java Web Services, Packt Publishing, 3rd Edition, 2017, ISBN: 9781788294041

Scheme of Continuous Internal Evaluation (CIE) Theory: 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding upto 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding upto 60 marks. Final EL marks will be reduced to 30 Marks.

Laboratory (CIE): 40 + 10 = 50

Conduction of laboratory exercises, Lab report & observation & analysis (50 Marks), Lab Test (50 Marks), adding up to 100 marks. Final marks will be reduced to 40 & Innovative Experiment/Concept Design & Implementation (10 Marks) adding up to 50 Marks.

Scheme of Semester End Examination (SEE) Theory for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit**.**

Scheme of Semester End Examination (SEE) Laboratory for 50 marks :

SEE for practical will be jointly conducted and evaluated by two examiners. The duration of practical examination is 3 hours and is evaluated for 50 marks. The break up for conduction of practical examination is (i) Procedure and Write up : 20% of max marks, (ii) Conducting the practical: 60% of max marks, (iii) Viva Voce: 20% of max marks

Rubric for CIE & SEE for Integrated Theory courses with Laboratory					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
4	Laboratory	50	5 & 6	Unit 3:Question 5 or 6	20
	Total Marks	**150**	7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Theory Exam Marks	**100**
				Laboratory Exam Marks	**50**
				Total Marks	**150**

SEMESTER: II					
INTERNET OF THINGS (Theory & Practice)					
Course Code	**:**	**22MCA251TL**	**CIE**	**:**	**100 + 50 Marks**
Credits: L:T:P	**:**	**4:0:1**	**SEE**	**:**	**100 + 50 Marks**
Total Hours	**:**	**52L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	10 Hrs
Introduction to Internet of Things: Fundamentals of Electronics and devices for Internet of Things: Rectification process, Diode characteristics, Digital electronics, Transistor behaviour and Oscillators Physical and Logical design of IoT Technologies that enable Internet of Things Applications and Use cases, IoT Deployment Levels. Network and Communication, Standards related to Internet of Things, Protocols in Internet of things	
UNIT–II	**10 Hrs**
Programming with Arduino: Understanding the eco system of Arduino, Pinout configuration, Digital input and output, Analog input and output, working with sensors and actuators. Arduino serial communication. Communication interfaces (SPI and I2C) wired and wireless communication with Arduino using bluetooth modules	
UNIT–III	**10 Hrs**
Programming with Raspberry Pi: Understanding the eco system of Raspberry Pi3/Pi4, Pinout configuration, python modules like Rpi.GPIO and gpiozero. Digital input and output, working with sensors and actuators. Raspberry Pi serial communication. Communication interfaces (SPI and I2C).wired and wireless communication with raspberry Pi. Serial communication from raspberry Pi3 to Arduino and vice versa. Monitoring and Controlling between raspberry pi.	
UNIT–IV	**10 Hrs**
Programming with esp32: Understanding the eco system of esp8266/esp32, pinout configuration, Digital, Analog input and output, working with sensors and actuators. communication from raspberry Pi to nodeMCU/esp32, Network and web stack configuration with esp32, wireless communication using esp32 about the sensor status and controlling actuators remotely.	
UNIT–V	**12 Hrs**
IoT Application Development: Integrating sensors with IoT Dashboards and micro services IoT Platforms design methodology: Introduction to ten steps design methodology Introduction to Flow based IoT Dashboard: Fundamentals of NodeRED, creating basic dashboard Introduction to MQTT based IoT Dashboard: setup and configuration of dashboard like Things board Introduction to hosted IoT dashboard services like Adafruit io or thing board hosted service. IoT alert integration: alert integration in the form of email, tweets or any social media post.	

LABORATORY	
Practice Lab : Fundamentals of Electronics using SEELab3 kit and Introduction to variety of devices and development boards used to develop IoT Applications Full wave rectifier using PN junction : Refer Section 3.3 in the SEElab3 kit manual Diode V-I functional analysis Refer Section 3.13 in the SEElab3 kit manual Logic gates : Refer Section 3.11 in the SEElab3 kit manual PNP & NPN transistor nature : Refer Section 3.13 and 3.15 in the SEElab3 kit manual IC555 oscillator :Refer Section 3.6 in the SEElab3 kit manual Identifying the IoT Kit elements : sensors , actuators and development boards and other accessories Study about the principle of operations, operating conditions, cost, tolerance and durability study	
1.	Write a program with Arduino UNO board to calculate the distance of a obstacle based on the Ultrasonic sensor inputs. If the distance calculated is less than a certain value turn on a buzzer with an LED in ON state and display the distance in serial monitor
2.	Write a program with Arduino UNO to indicate the level of temperature using the LEDs indicating the low, medium and high values of temperature (Red, Blue and Green) OR Write a program with Arduino UNO to implement the interactive traffic signal.
3.	Write a program with Arduino UNO board to control servo motor based on potentiometer inputs **OR** to control a mini water pump based on water levels in a container **OR** Demonstrate HC-05 module for controlling Arduino with Bluetooth using Serial Communication integrating any mobile app.
4.	Write an interactive python script on Raspberry Pi3 to implement the serial communication from Raspberry Pi to Arduino or vice versa with any one sensor and actuator from the following components a) LED b) Buzzer c) Temperature and humidity sensor d) LDR sensor
5.	Write a python script on Raspberry pi to control servo motor or DC Motor based on the Potentiometer inputs or button switch inputs. OR change the color of RGB LED / Bulb based on the potentiometer inputs
6.	Develop python script to read water temperature, and water calculate water level in a container using Ultrasonic sensor and control the mini water pump. OR Develop a python script to calculate water consumption bill based on the water flow sensor inputs
7.	Write a micropython or arduino program with esp32 based NodeMCU board to calculate the distance of an obstacle based on the Ultrasonic sensor inputs. If the distance calculated is less than a certain value turn on LED
8.	Write an arduino script with esp32 based nodemcu board to operate a 4 channel relay and control evices connected to relay, demonstrating minimal home automation
9.	Develop a digital scale based on esp32 with Load Cell and HX711 Amplifier
10.	IoT dashboard setup and configuration Integrate Things Board / node-red IoT dashboard with any two sensor / actuator on PC or Rpi4 **OR** Integrate Adafruit or similar hosted IoT Dashboard with arduino, RaspberryPi and any sensor / actuator. **OR** Demonstrate publish subscribe communication model using esp32 or RaspberryPi and sensors/actuators **OR** Demonstrate alert service integration to any IoT application based on esp32 or RaspberryPi

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the fundamentals of electronics and hardware devices required for IoT including deployment levels, Network protocols and standards
CO2	Comprehend various development boards, sensors, actuators, architecture of Arduino, Raspberry Pi, esp32 with Arduino IDE or other IDE
CO3	Interact with Arduino, Raspberry Pi, esp32 using python, JavaScript and c/c++ to program the devices (sensors and actuators) to develop an integrated system
CO4	Design, Setup, Configure and Develop IoT Applications (Dashboards) and integrate several essential micro service like social media notification, email, push notifications including visualization of IoT Data

Reference Books	
1.	ArshdeepBahga, Vijay Madisetti, Internet of Things: A Hands-on Approach, Orient Blackswan Private Ltd, July 1st 2015, ISBN : 8173719543
2.	Wizardry, Exploring Arduino: Tools and Techniques for Engineering, WILEY, 1st Edition, ISBN-10: 1118549368, ISBN-13: 978-1118549360
3.	Elector, The Official ESP32 Book, ISBN : 978-1-907920-63-9
4.	The Official Raspberry Pi Handbook by The Magpi Magazine, 2023
5.	Maneesh Rao, Internet of Things with Raspberry Pi 3, Pack Publihing, April 2018 ISBN: 9781788627405
6.	Simon Monk, Programming the Raspberry Pi, McGraw Hill TAB, 3rd Edition, July 2021, ISBN-13: 978-1264257355

Scheme of Continuous Internal Evaluation (CIE) Theory: 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analysing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding up to 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding up to 60 marks. Final EL marks will be reduced to 30 Marks.

Laboratory (CIE): 40 + 10 = 50

Conduction of laboratory exercises, Lab report & observation & analysis (50 Marks), Lab Test (50 Marks), adding up to 100 marks. Final marks will be reduced to 40 & Innovative Experiment/Concept Design & Implementation (10 Marks) adding up to 50 Marks.

Scheme of Semester End Examination (SEE) Theory for 100 marks:
The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit**.**
Scheme of Semester End Examination (SEE) Laboratory for 50 marks :
SEE for practical will be jointly conducted and evaluated by two examiners. The duration of practical examination is 3 hours and is evaluated for 50 marks. The break up for conduction of practical examination is (i) Procedure and Write up : 20% of max marks, (ii) Conducting the practical: 60% of max marks, (iii) Viva Voce: 20% of max marks

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			9 & 10	Unit 5:Question 9 or 10	20
				Theory Exam Marks	**100**
				Laboratory Exam Marks	**50**
				Total Marks	**150**

SEMESTER: II					
DATA SCIENCE – I (Theory & Practice)					
Course Code	**:**	**22MCA252TL**	**CIE**	**:**	**100+50**
Credits: L:T:P	**:**	**4:0:1**	**SEE**	**:**	**100+50**
Total Hours	**:**	**52L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT-I	10 Hrs
Introduction to Data Science and Exploratory Data Analysis: Data Science, Brief History of Data Science, Increasing attention to data science, Fundamental fields of study to data science, Data science and Related Terminologies, Types of Analytics, Application of Data Science, Data Science Process Model **Introduction to Exploratory Data Analysis**: Steps in data preprocessing, Understanding the data - Steps involved in EDA using Python Programming, looking at the data, visualizing the data, Treatment of Outliers, Data visualization using Python-Matplotlib Library, Seaborn Library, Dimensionality Reduction, Independent and Dependent Variables	
UNIT-II	**11 Hrs**
Machine Learning and Supervised Learning Models: Types of Machine learning algorithms, Supervised and Unsupervised Learning Algorithms, Supervised Learning algorithm, Unsupervised learning algorithm, Overfitting and under fitting, correctness, The bias-variance tradeoff, Feature Extraction, and selection **Supervised Learning Algorithms**: K-Nearest Neighbors, Similarity Based on Distance Function, KNN Model Building , Model performance measures Linear Regression, Building linear regression, Interpretation of Linear Regression coefficients, Validation of Linear regression ,Decision Tree, Tree Structure, Criteria for splitting decision node	
UNIT-III	**11 Hrs**
Ensemble Methods and Unsupervised Learning: Ensemble methods, Bias Variance Trade off, Random Forest as ensemble technique, Control Parameters, out of bag error rate, Tuning the Random Forest, Variable Importance Plot, Model Performance Measures **Unsupervised Learning:** Introduction, Association Rule Mining, Clustering, K Means clustering	
UNIT-IV	**10 Hrs**
Text Analytics and Artificial Intelligence **Text Analytics:** Introduction, Unstructured data, word cloud, sentiment analysis , web and social media analytics **Artificial Intelligence and Deep Learning :** Introduction, Application of Artificial Intelligence, Classification of Artificial Intelligence, Difference between AI and Deep Learning	
UNIT –V	**10 Hrs**
Deep Learning: Neural Networks- Perceptron, Feed Forward Neural networks, Back Propagation, Tensor, Layer Abstraction, Linear Layer, NN as sequence of layers, Loss and optimization, Other activation functions, SoftMax and Cross entropy, Dropout , Working of Deep Learning, Convolutional Neural Networks **Artificial Neural Networks**: Application of ANN, ANN model building, Steps in ANN model building, Model Performance Measures, Types of ANN	

LABORATORY	
1.	Consider the automobile dataset and perform exploratory data analysis. a. Identify the dimension, structure, and summary of the data set b. Preprocess the dataset and treat them (like missing values, 'na', ?). Justify the treatment c. Plot the histogram for continuous variables (at least two) to analyze the data. d. Draw a violin plot do describe the distribution of a numerical variable to analyze the data. e. Recognize the outliers using box plot (Display the box plot before and after outlier treatment) f. Display a heat map to display the relationship among the attributes g. Standardize the continuous variable (if any)
2.	For the data set in Q1, a. Show the distribution of continuous variables using histogram Identify the relationship between two continuous variables using scatter plot c. Find and display the frequency of the categorical values using count plot d. Apply point plots to display one continuous and one categorical variable e. #Question 1b has to be performed before 2a
3.	Consider the health care dataset that consists of several imaging details from patients that had a biopsy to test for breast cancer. The variable diagnosis classifies the biopsied tissue as M = malignant or B = benign. Describe and pre-process the dataset. Use KNN supervised learning model to predict Diagnosis using texture_mean and radius_mean . Analyze the model using different k values and display the performance of the model
4.	Consider the student_performance dataset. Predict the student performance as "Pass" or "Fail" by implementing a decision tree. Perform data preprocessing and visualize the data. Identify the important feature affecting the student performance and analyze the efficiency of the decision tree using different metrics. Plot the decision tree. .
5.	For the dataset in Q4, apply random forest algorithm to predict the student performance. a. Plot the important variables using seaborn b. Tune the random forest for training and test data based on best parameters and implement it c. Analyze the model performance and display the output
6.	For the market basket dataset, apply apriori algorithm and identify the best rules based on support and confidence values.
7.	For the Mall-Customers dataset Implement k-means clustering algorithm and visualize the clusters.
8.	Consider the given text dataset. Implement different text processing techniques and identify the most important keywords from the text. Display a word cloud from the same.
9.	Consider the iris dataset and apply the Multilayer perceptron to classify the type of the flower. Analyze the performance of the perceptron and display the output. .
10.	Consider the MNIST data set and implement CNN architecture to identify the handwritten images. Optimize the model and display the output.

Note : Students will be given with different case studies and scenario's during examination

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the need and fundamental concepts of data science in real world applications
CO2	Identify and apply the relevant data science concept for given scenario
CO3	Demonstrate the different data science concepts for various domains like education, business, healthcare etc.
CO4	Evaluate and analyze the performance of the models for real world applications

Reference Books	
1.	B Uma Maheswari, R Sujatha, Introduction to Data Science Practical Approach with R and Python , Wiley Publications, ISBN-: 9789354640506 , ISBN-13: 9789354640513 (EBook)
2.	Joel Grus, Data Science from Scratch, First principles with Python , O'Reilly, 2nd Edition, ISBN : 9789352138326
3.	Laura Igual , Santi Seguí, Springer Publications, Introduction to Data Science- A Python Approach to Concepts, Techniques and Applications, ISSN: 1863-7310 ISSN 2197-1781 (electronic)
4.	Sayan Mukhopadhyay, Advanced Data Analytics Using Python, Apress, ISBN-13 (pbk): 978-1-4842-3449-5 ISBN-13 (electronic): 978-1-4842-3450-1

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Rubric for CIE & SEE for Integrated Theory courses with Laboratory					
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			9 & 10	Unit 5:Question 9 or 10	20
				Theory Exam Marks	**100**
				Laboratory Exam Marks	**50**
				Total Marks	**150**

SEMESTER: II					
SOFTWARE TESTING AND PRACTICES (Theory and Practice)					
Course Code	**:**	**22MCA253TL**	**CIE**	**:**	**100 + 50 Marks**
L:T:P	**:**	**4:0:1**	**SEE**	**:**	**100 + 50 Marks**
Total Hours	**:**	**52L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	10 Hrs
Introduction to software testing -Definitions, Test Cases, Test case design techniques, Preparing a Test Plan, Levels of Testing, Software testing life cycle, Software testing methodologies: Waterfall testing, Agile Testing, Iterative testing , QA, QC & Testing Case study- Develop test cases for any real world application using test case description template	
UNIT–II	**10 Hrs**
Test Automation- Need of Automation Testing, Refactoring, Continuous Improvement, Difference between Manual and Automation testing, Choosing right tools, Test Automation Architecture(SUT), Automation Frameworks	
UNIT –III	**12 Hrs**
Introduction to JMeter- Why JMeter, Configuring JMeter Components of JMeter - Test Plan, Thread Groups, Controllers, Samplers(FTP,HTTP/HTTPS,JDBC), Listeners, Timers, Assertions, Configuration Elements, Pre-Processors and Post-Processors, Collectors	
UNIT –IV	**10Hrs**
Submitting Forms and Managing Sessions- Capturing simple forms(Check boxes, Radio buttons, File uploads/File Downloads, Posting and Reading JSON data, Managing sessions with cookies and URL rewriting	
UNIT –V	**10Hrs**
Types of Testing using JMeter- Performance Testing(Load/Stress testing), Distributed Testing, Database Testing, API Testing, Security Testing, Test Execution and Reporting	

LABORATORY	
Note: Students are required to create a Test plan, Configure test scenarios, Run the test, Analyze the results and Generate reports for the following Lab programs. Based on the result analysis Iterate and optimize the testing process.	
1.	Demonstrate the concept of Single and Multiple threads simulating concurrent user actions such as logging in, browsing pages and submitting forms. Analyze response times, throughput and error rates under different load levels
2.	Demonstrate Assertions by sending parameter values to the database and assert the response code for both successful and failure cases
3.	Demonstrate pre-processor and post processor concept in the following Scenario a. Add data to Sampler using Pre-processor for an HTTP request b. Validate all the status codes generated from Sampler page using RegEx (Regular Expression Extractor) of Post-processor
4.	Demonstrate the use of Simple and Modular Controllers and Listeners for the following scenario a. A sampler to store the sampler request whose data can be extended outside to other samplers b. A container that provides values to all the sampler within the thread group
5.	Perform database load testing to measure the performance under database load. Configure JMeter to send SQL queries to the database server and monitor the response times. Analyze the query execution times, throughput, and resource utilization to identify any performance issues in the database layer.
6.	Consider a web application and perform load testing under the following conditions - Normal and peak load conditions.
7.	Set up a distributed testing environment using JMeter to distribute the load across multiple machines. Configure a master-slave setup where the master controls and coordinates the load testing activities across multiple slave instances.
8.	Demonstrate response codes validations(Eg:200, 300, 400, 500) for different API calls
9.	Demonstrate the concept of collection by implementing the CRUD operations on a website in which all the API calls are the input to the other call.(Eg: GET method's response value should be input for the POST method).
10.	Demonstrate multipart request with file upload feature for various file type extensions(.pdf,.xlsx,.csv,.json)

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the basic concepts of Automation testing
CO2	Identify and apply relevant automation testing techniques suitable for a real world scenario
CO3	Demonstrate various types of testing using JMeter
CO4	Analyze the test result and automation process for real world applications

Reference Books	
1	Paul C. Jorgensen, "Software Testing, A Craftsman's Approach", Auerbach Publications, 4th Edition, First Indian Reprint, 2014, ISBN-13:9781466560680
2	Bayo Erinle, Performance Test with JMeter, PACKT Publishing, Copyright © 2013 , ISBN 978-1-78216-584-2
3	Arnon Axelrod, Complete Guide to Test Automation, Apress, Copyright © 2018, ISBN-13 (pbk): 978-1-4842-3831-8, ISBN-13 (electronic): 978-1-4842-3832-5
4	Antonio Gomes Rodrigues, Bruno Demion (Milamber), Master Apache JMeter - From Load Testing to DevOps: Master performance testing with JMeter ,PACKT publishing, 1st Edition,2019, ISBN-13:978-1839217647

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				Theory Exam Marks	**100**
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				Total Marks	**150**

SEMESTER: II					
2D & 3D MODELING (Theory and Practice)					
Course Code	**:**	**22MCA254TL**	**CIE**	**:**	**100 + 50 Marks**
L:T:P	**:**	**4:0:1**	**SEE**	**:**	**100 + 50 Marks**
Total Hours	**:**	**52L+26P**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	10 Hrs
Conventions and Standards: Standard sizes of drawing sheets, Lines, Dimensioning terms and notations, general rule for dimensioning, Scales, conventions for materials, simple geometrical constructions (Regular Polygons), perspective projection, orthographic projection, bill of materials	
Unit–II	**10 Hrs**
Orthographic reading and conversion of views: Conversion of pictorial views into orthographic view, screws and threads, riveted joints and welding joints. **Computer aided modeling and drafting (Solidworks):** Terminology, User Interface, Design Process, Design Method, Sketches, Part modeling, Assembly: Assembly Design Methods, Mates, Drawings: Drawing documents	
UNIT –III	**12 Hrs**
Understanding the interface: Interacting with interface, Editors - Workspaces – Themes, Objects in 3D view editor, Editing objects, Editing tools **Modifiers:** Editing with generate modifiers, Editing with deform modifiers **Editing Techniques**: Examples, The Outliners and collections,3D text, Viewport shading, Scene lighting and cameras Examples, The Outliners and collections,3D text, Viewport shading, Scene lighting and cameras	
UNIT –IV	**10 Hrs**
Materials textures nodes, Textures, Rendering, Animation, Constraints	
UNIT –V	**10 Hrs**
Physics and simulation, Particle system, Armature and character rigging, Installing Add-Ons, Making a movie, Cycles and workbench render	

LABORATORY	
1.	Practice lab- General Interface introduction and playing with shapes
2.	Custom 3D object Creation
3.	Color shading/Texturing the object
4.	Custom logo
5.	Develop Animating logo
6.	Explosive product animation
7.	Record explosive product animation from different angles using "Render Animation"
8.	Terrain for natural forest with camp
9.	Baking rain animation and fire camp animation
10.	Rigging an armature to human character with dancing animation

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the basic concept of 2D and 3D modeling
CO2	Outline the components of models using basic geometric principle
CO3	Apply the constructs to easily modify models and implement design changes
CO4	Analyze the design constraints and the design intent of the model

Reference Books	
1.	N D Bhatt, Engineering drawing, fiftieth edition, Charotar Publishing House, 2011, ISBN 978-80358-17-8
2.	Dassault Systèmes, Introducing Solidworks, Dassault Systèmes S.A. company, 175 Wyman Street, Waltham, Mass. 02451 USA. All Rights Reserved.1995-2014
3.	John M. Blain, The Complete Guide to Blender Graphics Computer Modeling & Animation,7th Edition, 2022, ISBN 9781003226420, A K Peters/CRC Press
4.	Romain Caudron, Pierre-Armand Nicq, Enrico Valenza, Blender 3D: Designing Objects,2016, Packt Publishing Ltd, ISBN 978-1-78712-719-7

Scheme of Continuous Internal Evaluation (CIE) Theory: 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding upto 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding upto 60 marks. Final EL marks will be reduced to 30 Marks.

Laboratory (CIE): 40 + 10 = 50

Conduction of laboratory exercises, Lab report & observation & analysis (50 Marks), Lab Test (50 Marks), adding up to 100 marks. Final marks will be reduced to 40 & Innovative Experiment/Concept Design & Implementation (10 Marks) adding up to 50 Marks.

Scheme of Semester End Examination (SEE) Theory for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit**.**

Scheme of Semester End Examination (SEE) Laboratory for 50 marks :

SEE for practical will be jointly conducted and evaluated by two examiners. The duration of practical examination is 3 hours and is evaluated for 50 marks. The break up for conduction of practical examination is (i) Procedure and Write up : 20% of max marks, (ii) Conducting the practical: 60% of max marks, (iii) Viva Voce: 20% of max marks

Rubric for CIE & SEE for Integrated Theory courses with Laboratory					
RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2: Question 3 or 4	20
4	Laboratory	50	5 & 6	Unit 3:Question 5 or 6	20
	Total Marks	**150**	7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Theory Exam Marks	**100**
				Laboratory Exam Marks	**50**
				Total Marks	**150**

SEMESTER:II					
DEVOPS (Theory)					
Course Code	**:**	**22MCA261T**	**CIE**	**:**	**100 Marks**
Credits: L:T:P	**:**	**3:1:0**	**SEE**	**:**	**100 Marks**
Total Hours	**:**	**39L+ 26T**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	08 Hrs
Docker Fundamentals: Discovering Docker, the what and why of Docker, Building a Docker application. Understanding Docker - Docker's architecture, The Docker daemon, The Docker client, Docker registries, The Docker Hub	
UNIT–II	**08 Hrs**
Docker and Development: Using Docker as a lightweight virtual machine - From VM to container, Saving and restoring your work, Environments as processes, Building images, Running containers	
UNIT–III	**08 Hrs**
Docker and DevOps: Continuous integration - Docker Hub automated builds, Containerizing your CI process. Continuous delivery - Interacting with other teams in the CD pipeline	
UNIT–IV	**07 Hrs**
First steps with Docker and Kubernetes: Creating, running, and sharing a container image, Setting up a Kubernetes cluster, Running the first app on Kubernetes	
UNIT–V	**08 Hrs**
Pods: Introducing Pods, Creating pods from YAML or JSON descriptors, Organizing pods with labels, Listing subsets of pods through label selectors, Annotating pods, Using namespaces to group resources, Stopping and removing pods	

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand of Docker basics, installation and learn to work with containers
CO2	Use containers and move applications across environments with continuous integration and delivery
CO3	Leverage Docker to perform automated builds and make Kubernetes to work on container images
CO4	Explore the Kubernetes architecture to set up and use entire lifecycle-based clusters and pods

Reference Books	
1.	Ian Miell, Aidan Hobson Sayers, "Docker in Practice", Manning Publications, 2nd Edition, 2019, ISBN–9781617294808
2.	Marko Lukša, "Kubernetes in Action", Manning Publications, 2nd Edition, 2018, ISBN–9781617293726
3.	James Turnbull, "The Docker Book", Turnbull Press, 2nd Edition, 2017, ISBN–9780988820203
4.	Brendan Burns, Joe Beda, and Kelsey Hightower, "Kubernetes: Up and Running", 2nd Edition, 2019, ISBN–978-1-492-04653-0

Scheme of Continuous Internal Evaluation (CIE): 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding upto 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30), Video based seminar/presentation/demonstration (30) adding up to 60 marks. Final EL marks will be reduced to 30 Marks.

Scheme of Semester End Examination (SEE) for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit...

Rubric for CIE & SEE Theory courses

RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
	Total Marks	**100**	5 & 6	Unit 3:Question 5 or 6	20
			7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Total Marks	**100**

SEMESTER: II					
ADVANCED COMPUTER NETWORKS (Theory)					
Course Code	**:**	**22MCA262T**	**CIE**	**:**	**100 Marks**
Credits: L:T:P	**:**	**3:1:0**	**SEE**	**:**	**100 Marks**
Total Hours	**:**	**39L+ 26T**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	**08 Hrs**
Introduction to Internet Protocol and Classless and Subnet Address Extension (CIDR) **Wireless LANS and PANS** : Fundamentals of WLAN's, 802.11 Standards, HIPERLAN Standard, Bluetooth specifications, Transport Protocol group, ZigBee Specification Wireless WANS and MANS – The Cellular Concept and Cellular Architecture- Capacity enhancement .Channel Allocation Algorithms	
UNIT–II	**08 Hrs**
Mobile IP : Introduction, Mobility, Routing and Addressing, Mobile IP Characteristics, Overview of Mobile IP Operations, Mobile Addressing Details, Foreign Agent Discovery, Agent Registration, registration message format, communication with a foreign agent, datagram transmission and reception, two- crossing problem, communication with computers on the home network Private	
UNIT–III	**07 Hrs**
Parallel and Distributed Systems: Level of Parallel Computing, challenges in handling concurrency, Distributed Systems, characteristics, properties, design goals, Types of distributed systems. **Virtualization:** Introduction, Hardware virtualization, Hypervisors, Network function virtualization, **Implementation:** Installing the virtualization packages, Creating virtual machines, Network configuration	
UNIT–IV	**08 Hrs**
SDN: Introduction, Centralized and Distributed Control and Data Planes- Introduction, Control plane, Data plane, Moving Information Between Planes, Distributed Control Planes, IP and MPLS, Convergence Time, Load Balancing, High Availability	
UNIT–V	**08 Hrs**
Cloud computing: Introduction, Characteristics of Cloud Computing, Cloud Models, Cloud Service Examples, Load Balancing, Scalability & Elasticity, Deployment, Replication, Monitoring, **Cloud Application Design:** Design characteristics for cloud application, Reference architecture for cloud application, Cloud application design methodologies	

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the advanced networking concepts
CO2	Identify the various advances in networking
CO3	Analyse the advances in networking for cloud computing
CO4	Apply advanced networking concepts in cloud

Reference Books	
1.	C. Siva Ram Murthy, B. S. Manoj, Ad Hoc Wireless Networks Architecture and Protocols, Pearson Publication, 2011, ISBN 978–81-317-5905-9
2.	Douglas E Comer, Internetworking with TCP/IP, Pearson Education India, 6th Edition, 2015, ISBN: 978-9332550100
3.	Maarten van Steen and Andrew S.Tanenbaum, Distributed systems, Pearson Education, 3rd Edition, 2017, ISBN: 978-90-815406-2-9
4.	Arshadeep Bahga, Vijay Madisetti, Cloud Computing A Hands-On Approach, University Press, 2014, ISBN: 9788173719233

Scheme of Continuous Internal Evaluation (CIE): 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding upto 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30 marks), Video based seminar/presentation/demonstration (30 marks) adding upto 60 marks. Final EL marks will be reduced to 30 Marks.

Scheme of Semester End Examination (SEE) for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit.

Rubric for CIE & SEE Theory courses

RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & El2	30	3 & 4	Unit 2:Question 3 or 4	20
	Total Marks	**100**	5 & 6	Unit 3:Question 5 or 6	20
			7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Total Marks	**100**

SEMESTER:II					
CRYPTOGRAPHY AND NETWORK SECURITY (Theory)					
Course Code	**:**	**22MCA263T**	**CIE**	**:**	**100 Marks**
Credits: L:T:P	**:**	**3:1:0**	**SEE**	**:**	**100 Marks**
Total Hours	**:**	**39L+ 26T**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	**08 Hrs**
Introduction: Computer Security Concepts, OSI Security Architecture, Security Attacks, Security Services, Security Mechanisms, A Model for Network Security. Case study **Classic Encryption Technique-** Symmetric Cipher Model, Substitution Techniques, Transposition Techniques, Rotor Machines, Steganography.	
UNIT–II	**07 Hrs**
Block Ciphers and the Data Encryption Standard: Traditional Block Cipher Structure, The Data Encryption Standard, A DES Example, The Strength of DES, Block Cipher Design Principles **Tools:** NMAP, Wire shark	
UNIT–III	**08 Hrs**
Advanced Encryption Standard: Finite Field Arithmetic, AES Structure, AES Transformation Functions. **Public-Key Cryptography and RSA:** Principles of Public-Key Cryptosystems, The RSA Algorithm, Diffie-Hellman Key Exchange, Message Authentication **Tools:** OWASP	
UNIT–IV	**08 Hrs**
Cryptographic Hash Functions: Applications, Two Simple hash Functions, Requirements and Security. Digital Signatures, Elliptic Curve Digital Signatures Algorithm. **Network Security:** Email, PGP, S/MIME, SSL architecture, handshake protocol, change cipher spec protocol.	
UNIT–V	**08 Hrs**
Network Security: Transport layer security. IPSecurity, security policy, Internet key exchange Wireless Security, Mobile Device security **Contemporary Issues and Trends** : Case Study	

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand the basics of Cryptography and Network Security standards.
CO2	Understand public-key cryptography, RSA and other public-key cryptosystems
CO3	Analyse and design algorithms and digital signatures
CO4	Build for the key management, distribution schemes and design

Reference Books	
1.	William Stallings, "Cryptography and Network Security-Principles and Practice" Pearson, 7th Global Edition, 2017, ISBN 13: 978-1-292-15858-7.
2.	Behrouz A. Forouzan "Introduction to Cryptography and Network Security", McGraw-Hill Forouzan Networking Series, 2008, ISBN 978–0–07–287022–0
3.	Man Young Rhee, "Internet Security: Cryptographic Principles", "Algorithms and Protocols", Wiley Publications, 2003, ISBN 0-470-85285-2 2.
4.	Charlie Kaufman and Radia Perlman, Mike Speciner, "Network Security, 2nd Edition, Private Communication in Public World", PHI, 2002, ISBN-13: 978-0130460196

Scheme of Continuous Internal Evaluation (CIE): 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

TESTS: Students will be evaluated in test, descriptive questions with different complexity levels (Revised Bloom's Taxonomy Levels: Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating). Two tests will be conducted. Each test will be evaluated for 50 Marks, adding upto 100 Marks. Final test marks will be reduced to 50 Marks.

EXPERIENTIAL LEARNING: Students will be evaluated for their creativity and practical implementation of the problem. Case study-based teaching learning and Program specific requirements (30 marks), Video based seminar/presentation/demonstration (30 marks) adding upto 60 marks. Final EL marks will be reduced to 30 Marks.

Scheme of Semester End Examination (SEE) for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit.

Rubric for CIE & SEE Theory courses

RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
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3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
	Total Marks	**100**	5 & 6	Unit 3:Question 5 or 6	20
			7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Total Marks	**100**

SEMESTER:II					
DIGITAL MARKETING (Theory)					
Course Code	**:**	**22MCA264T**	**CIE**	**:**	**100 Marks**
Credits: L:T:P	**:**	**3:1:0**	**SEE**	**:**	**100 Marks**
Total Hours	**:**	**39L+ 26T**	**SEE Duration**	**:**	**3.00 Hours**

UNIT–I	07 Hrs
Introduction to Digital Marketing: Evolution of Digital Marketing from traditional to modern era, Role of Internet; Current trends, Info graphics, implications for business & society; Emergence of digital marketing as a tool; Drivers of the new marketing environment; Digital marketing strategy; Paid, Owned, Earned Media framework, Digital landscape, Digital marketing plan, Digital marketing models. Careers in Digital Marketing, Case studies	
UNIT–II	**07 Hrs**
Internet Marketing and Digital Marketing Mix: Internet Marketing, opportunities, and challenges; Digital marketing framework; Digital Marketing mix, Impact of digital channels on IMC; **Search Engine Advertising**- Pay for Search Advertisements, Ad Placement, Ad Ranks, Creating Ad Campaigns, Campaign Report Generation Display marketing- Types of Display Ads - Buying Models - Programmable Digital Marketing - Analytical Tools - YouTube marketing. Case studies	
UNIT–III	**10 Hrs**
Social Media Marketing: Role of Influencer Marketing, Tools & Plan– Introduction to social media platforms, penetration & characteristics; Building a successful social media marketing strategy Facebook Marketing: - Business through Facebook Marketing: Creating Advertising Campaigns, Adverts, Facebook Marketing Tools LinkedIn Marketing: Introduction and Importance of LinkedIn Marketing, Framing LinkedIn Strategy, Lead Generation through LinkedIn, Content Strategy, Analytics and Targeting and Mobile Marketing: Mobile Advertising, Forms of Mobile Marketing, Features, Mobile Campaign Development, Mobile Advertising Analytics Introduction to social media metrics. Case studies	
UNIT–IV	**08 Hrs**
Search Engine Optimization (SEO): Web Analytics, Mobile Marketing, Trends in Digital Advertising–Introduction and need for SEO, how to use Internet & search engines; search engine and its working pattern, On-page and off-page optimization, SEO Tactics - SEM Web Analytics - Google Analytics and Google Ad Words; data collection for web analytics, multichannel attribution, Universal analytics, Tracking code Trends in digital advertising. Case studies	
UNIT–V	**07 Hrs**
Social Media Strategy: Introduction, Key terms, and concepts. Using social media to solve business challenges. Step-by-step guide to creating a social media strategy. Documents and processes. Dealing with opportunities and threats. Step-by-step guide for recovering from an online brand attack. Social media risks and challenges. Case studies	

Course Outcomes: After going through this course, the student will be able to	
CO1	Understand Digital marketing theories and practices
CO2	Foster Analytical and critical thinking abilities for decision making
CO3	Build global and economical communication strategies for E-marketing
CO4	Analyse, communicate global, economic aspects of E-marketing

Reference Books	
1.	Seema Gupta "Digital Marketing" Mc-Graw Hill ISBN:978-9355320407 1st Edition, 2022
2.	Nitin C. Kamat, Chinmay Nitin Kamat," Digital Social Media Marketing", Himalaya Publishing House Pvt. Ltd. Latest Edition
3.	Ian Dodson, "The Art of Digital Marketing" Wiley Latest Edition
4.	Damian Rayan, "Marketing Strategies for Engaging the Digital Generation", Brilliance Audio 4th Edition,2016978-0749453893.

Scheme of Continuous Internal Evaluation (CIE): 20 + 50 + 30 = 100

QUIZZES: Quizzes will be conducted in online/offline mode. Two quizzes will be conducted & Each Quiz will be evaluated for 10 Marks. The sum of two quizzes will be the Final Quiz marks.

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Scheme of Semester End Examination (SEE) for 100 marks:

The question paper will have FIVE full questions with internal choice from each unit. Each question will carry 20 marks. Student will have to answer one full question from each unit.

Rubric for CIE & SEE Theory courses

RUBRIC for CIE			***RUBRIC for SEE***		
SL.NO	**Contents**	**Marks**	**Q.NO**	**Contents**	**Marks**
1	QUIZZES – Q1 & Q2	20	Every unit consists of TWO questions of 20 Marks each. Answer FIVE full questions selecting ONE from each unit [unit 1 to 5]		
2	TESTS – T1 & T2	50	1 & 2	Unit 1:Question 1 or 2	20
3	Experiential Learning – EL1 & EL2	30	3 & 4	Unit 2:Question 3 or 4	20
	Total Marks	**100**	5 & 6	Unit 3:Question 5 or 6	20
			7 & 8	Unit 4:Question 7 or 8	20
			9 & 10	Unit 5:Question 9 or 10	20
				Total Marks	**100**

SEMESTER: II					
DESIGN THINKING (Practice)					
Course Code	**:**	**22MCA27L**	**CIE**	**:**	**50 Marks**
Credits: L:T:P	**:**	**0:0:2**	**SEE**	**:**	**50 Marks**
Total Hours	**:**	**52P(26 contact hrs+ 26 Non-contact hrs)**	**SEE Duration**	**:**	**3.00 Hours**

STAGE–I
Empathy: The Empathy phases of the process are focused on understanding the experiences, emotions and motivations of others. Designers use specific empathy methods to learn more about the needs of the users for whom they are designing. **Methods:** Interviewing Probes and Observations.
STAGE–II
Define: The Define phase of the process is focused on developing a point of view about the need of your user. During this stage of process, designers narrow from lots of information to a statement that is inspiring and specific **Methods:** Empathy Mapping, Point of View.
STAGE–III
Ideate: The Ideate phase of the process is focused on generating as many solutions to a problem as possible. Once many solutions have been generated, students will select one to move forward to prototyping **Methods :** Brainstorming and Selection
STAGE–IV
Prototype: The Prototype phase is where designers construct representation of their solutions. These representations are intended to elicit feedback and answer specific questions about a concept. **Methods :** Improve, Rapid and Experiential Prototyping
STAGE–V
Test: The Test phase of the process is focused on getting specific feedback about how ideas can improve. It is important to remember during this phase that prototypes are imperfect but feedback is gift. **Methods:** Testing

Course Outcomes: After going through this course, the student will be able to	
CO1	Learn to use different modes of thinking to understand the problem instead of finding answers/solutions for questions/problems
CO2	Acquire adductive reasoning to find new problems
CO3	Sow the seed of creativity to look for innovative solutions for a problem
CO4	Adopt human centric approaches while developing new solutions, products or services.

Guidelines for Design Thinking Lab:	
1.	The Design Thinking Lab (DTL) is to be carried out by a team of two-three students.
2.	Each student in a team must contribute equally in the tasks mentioned below
3.	Each group has to select a theme that will provide solutions to the challenges of societal concern. The topics should be in line with the Sustainable Development Goals (SDG)
4.	The above five stages specified will be evaluated in three phases
5.	For every Phase of evaluation, the committee constituted by the department along with the coordinators would evaluate for CIE. The committee shall consist of respective coordinator & two senior faculty members as examiners. The evaluation will be done for each student separately.
6.	The team should prepare a Digital Poster and a report should be submitted after incorporation of any modifications suggested by the evaluation committee.

Scheme of Continuous Internal Examination (CIE)

Evaluation of the work will be done by the committee appointed by the director, Dept of MCA. The student should submit report on the Case Study.

Evaluation will be carried out in THREE Phases.

Phase	Activity	Marks
I	Phase I	10
II	Phase II	15
III	Phase III	25

Scheme for Semester End Examination (SEE)

The evaluation will be done by Internal and External examiners. The following weightage would be given for the examination.

1	Written presentation of synopsis: Write up	05 Marks
2	Presentation / Demonstration of the project Idea / Solution	15 Marks
3	Demonstration of the Prototype	20 Marks
4	Viva- Voce	05 Marks
5	Report	05 Marks

Curriculum Design Process

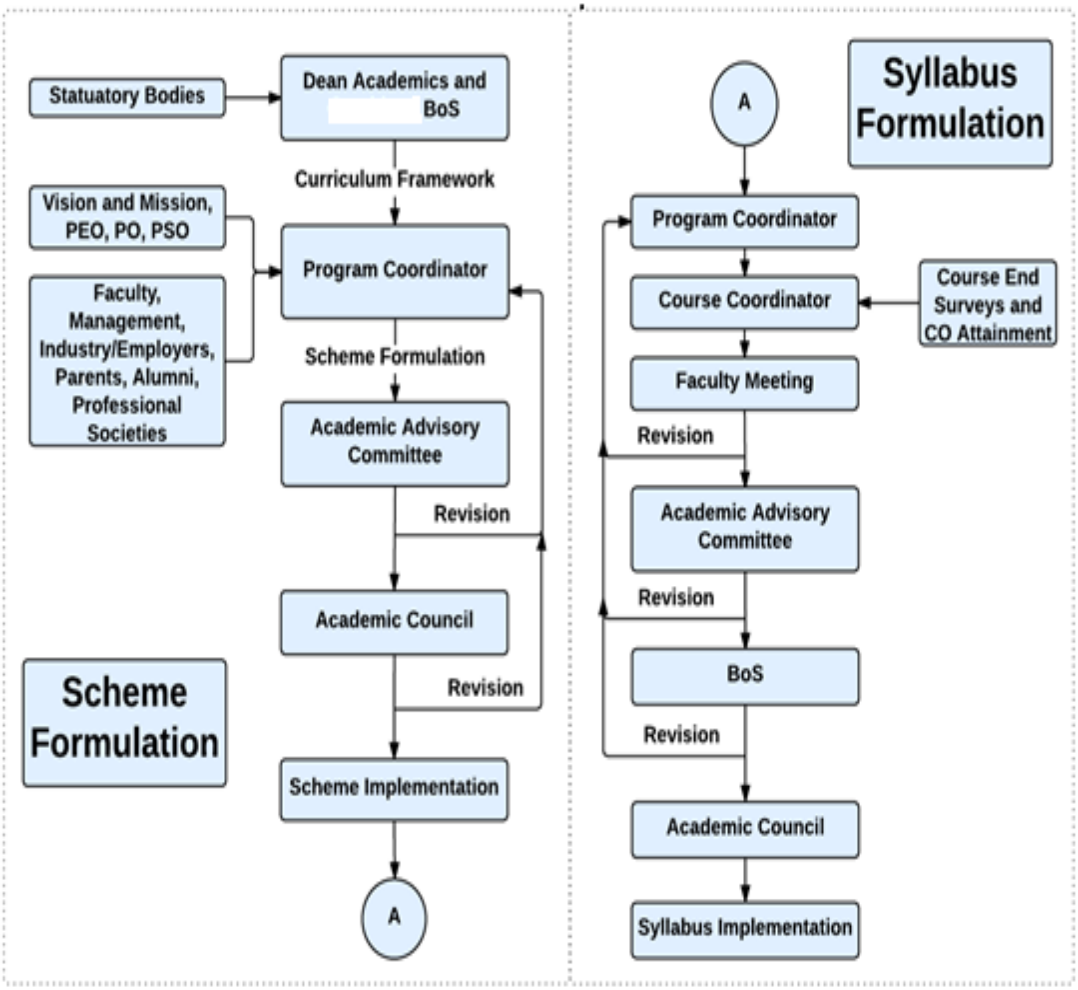

Figure 1: Curriculum Design Process

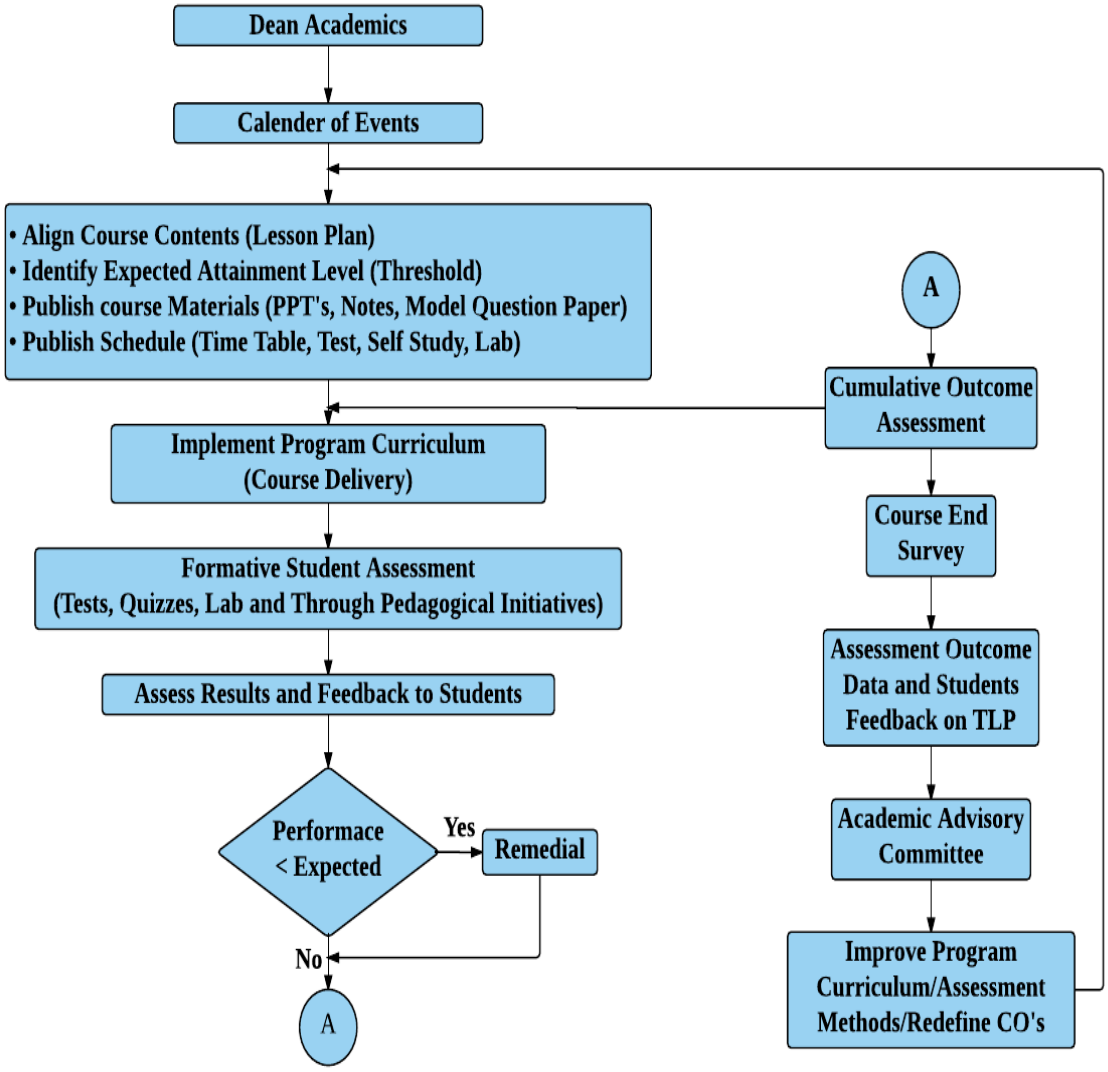

Figure 2: Academic Planning and Implementation

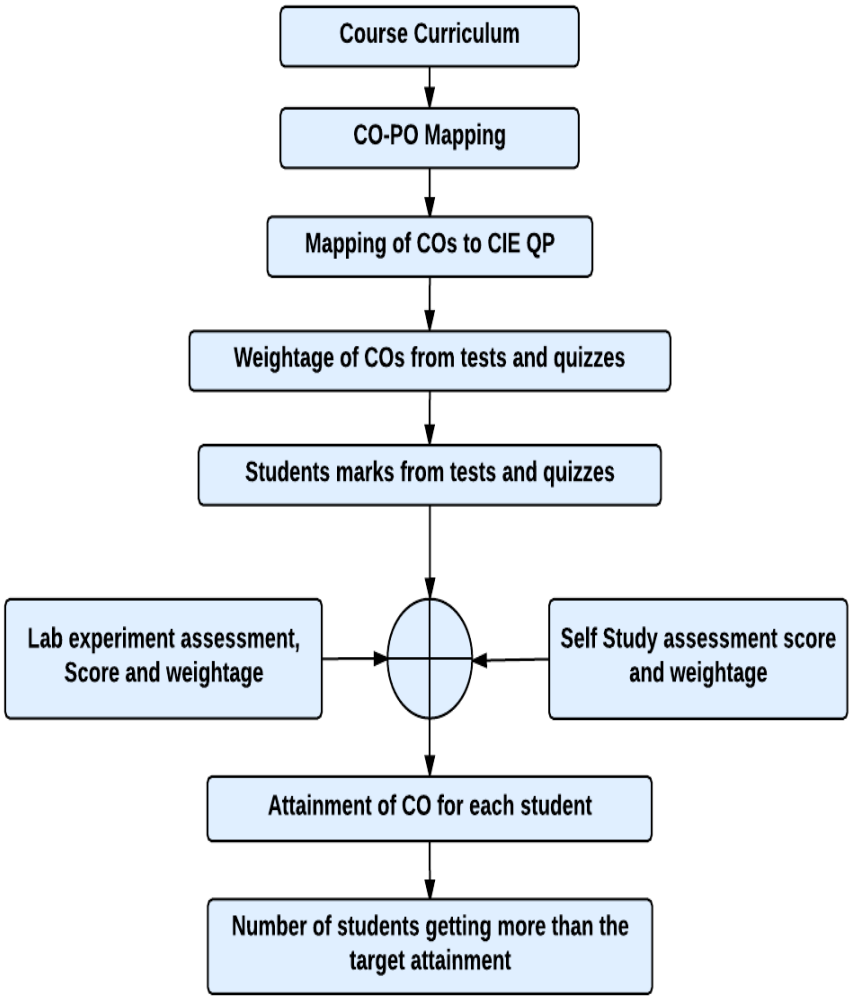

Figure 3: Process for Course Outcome Attainment

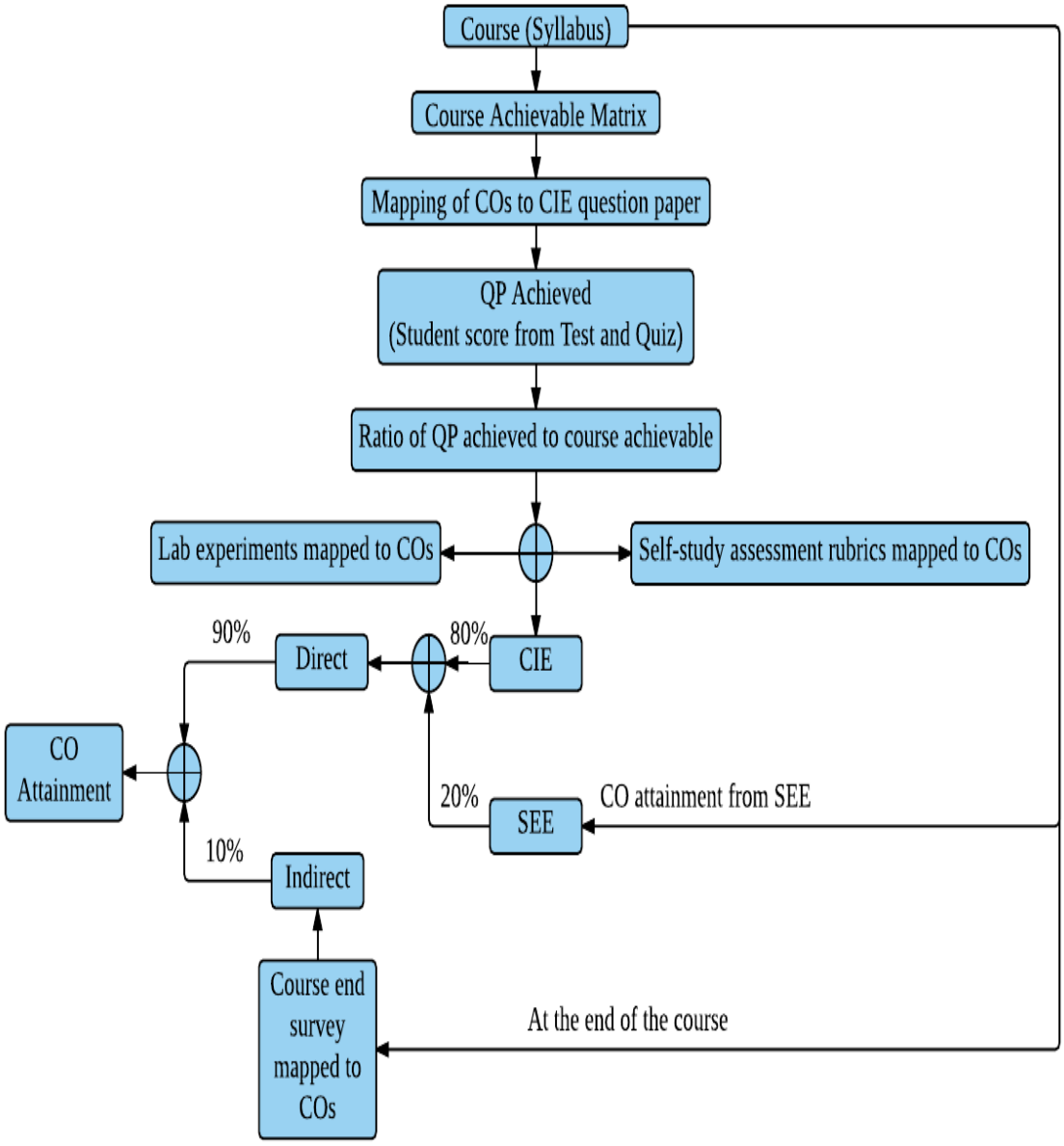

Figure 4: Final CO Attainment Process

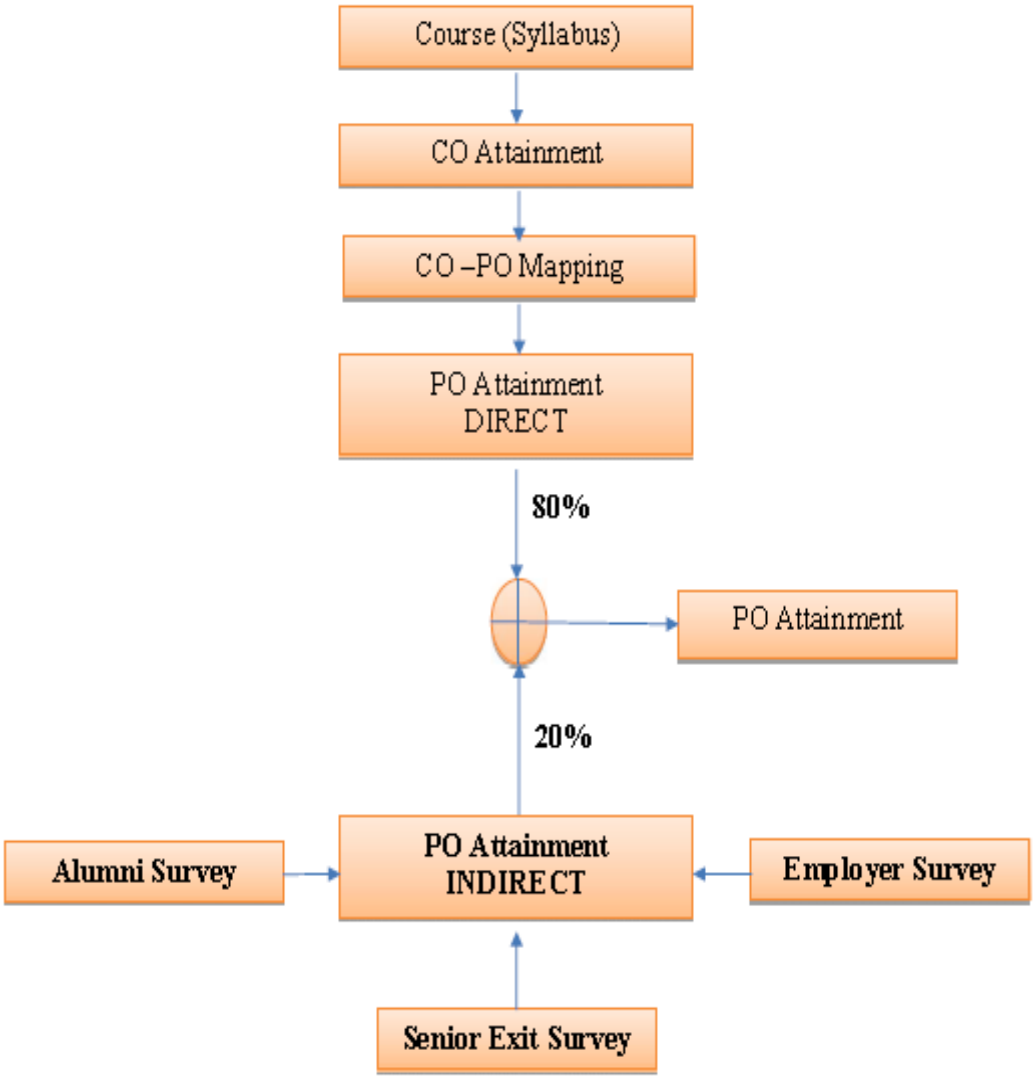

Figure 5: Program Outcome Attainment Process

PROGRAMME OUTCOMES (PO)

MCA Graduates will be able to:

PO1 **Computational Knowledge:** Acquire in-depth computational knowledge and mathematics with an ability to abstract and conceptualize models from defined problems and requirements

PO2 **Problem Analysis:** Identify, formulate, conduct literature survey and solve complex computing problems through analysis as well as provide optimal solutions

PO3 **Design / Development of Solutions:** Design and evaluate solutions for complex problems, components or processes that meet specified needs after considering public health and safety, cultural, societal, and environmental factors

PO4 **Conduct investigations of complex Computing problems:** Conduct literature survey to analyze and extract information relevant to unfamiliar problems and synthesize information to provide valid conclusions and interpret data by applying appropriate research methods, tools and design experiments

PO5 **Use of Modern Tool**: Create, select, adapt and apply appropriate techniques, resources, and modern IT tools to complex computing system activities, with an understanding of the limitations

PO6 **Professional Ethics:** Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices

PO7 **Life-long Learning:** Engage in lifelong learning independently for continual development to improve knowledge and competence as a computing professional

PO8 **Project management and finance:** Demonstrate knowledge and understanding of management principles and apply these to multidisciplinary software development as a team member and manage projects efficiently as a leader considering economical and financial factors

PO9 **Communication Efficacy:** Understand and communicate effectively with the computing community and with society at large, regarding complex computing systems activities confidently and effectively by writing effective reports and design documentations by adhering to appropriate standards, make effective presentations and give / receive clear instructions

PO10 **Societal and Environmental Concern:** Understand responsibilities and consequences based on societal, environmental, health, safety, legal and cultural issues within local and global contexts relevant to professional computing practices

PO11 **Individual and Team Work:** Function effectively as an individual, as a member or leader in diverse teams in multidisciplinary environments

PO12 **Innovation and Entrepreneurship:** Identify a timely opportunity for entrepreneurship and use innovation to pursue and create value addition for the betterment of the individual and society at large

Annexure - C

Gold medallists list			
1	1RV19CV004	ADNAN H KOTAWALA	9.19
2	1RV19ME118	VENKATANARASIMHA G HEGDE	9.57
3	1RV19EE049	SHRUSTI CHANNAL	8.90
4	1RV19EC118	PARNIKA	9.57
5	1RV19IM011	BRINDA SAI	9.39
6	1RV19EI026	JHANHAVI R	9.66
7	1RV19CH003	ADITI PANDEY	9.50
8	1RV19CS117	PRANEETA IMMADISETTY	9.87
9	1RV19ET055	SUMUKHA S SRIVATSA	8.96
10	1RV19IS002	AKASH KALMESH HIREMATH	9.56
11	1RV19BT056	VIBHA R	9.65
12	1RV19AS032	NIHAL HEBBAR	9.18

RV COLLEGE OF ENGINEERING
RANK LIST

CIVIL ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19CV004	ADNAN H KOTAWALA	9.19	1ST
2	1RV19CV115	THEERTHA SWAROOP M	9.05	2ND
3	1RV19CV102	SRISHTI	8.94	3RD
4	1RV19CV048	MAHANTHESH S	8.71	4TH
5	1RV20CV410	VINAYAK SULGEKAR	8.63	5TH
6	1RV19CV025	DHEERAJ R	8.60	6TH
7	1RV20CV403	N SUNDEEP	8.51	7TH
8	1RV19CV075	RAVI RAJ	8.47	8TH
9	1RV19CV055	NITHEESH E	8.43	9TH
10	1RV19CV020	AVINASHKUMAR K	8.41	10TH

MECHANICAL ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19ME118	VENKATANARASIMHA G HEGDE	9.57	1ST
2	1RV19ME064	MALIK KALANDAR MULLA	9.34	2ND
3	1RV19ME087	RITHWIK SHANKAR RAJ	9.33	3RD
4	1RV19ME005	ABHISHEK SHETTY	9.22	4TH
5	1RV19ME080	PRATIK SEETHARAM	9.21	5TH
6	1RV19ME028	AYAN ATAL	9.15	6TH
7	1RV19ME002	ABHISHEK ALVA	8.94	7TH
8	1RV19ME048	GURUGANESH MADDODI	8.91	8TH
9	1RV19ME095	SAMPREET DINAKAR NAYAK	8.89	9TH
10	1RV19ME053	HRISHIKESH DAS	8.82	10TH

ELECTRICAL & ELECTRONICS ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19EE049	SHRUSTI CHANNAL	8.90	1ST
2	1RV19EE037	ROHIT ANAND TAMBEKAR	8.73	2ND
3	1RV19EE001	ADITYA SINGH	8.61	3RD
4	1RV19EE059	VARSHINI TOLPADI	8.57	4TH
5	1RV19EE066	ASHRITHA K	8.53	5TH
6	1RV19EE021	KAVERI BANDIGANI	8.49	6TH

ELECTRONICS & COMMUNICATION ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19EC118	PARNIKA	9.57	1ST
2	1RV19EC079	KEERTHANA RAMESH	9.56	2ND
3	1RV19EC038	BHARATH M	9.55	3RD
4	1RV19EC117	PALLAVI P	9.50	4TH
5	1RV19EC197	SAKSHAM SHARMA	9.44	5TH
6	1RV19EC112	P KARTIK	9.39	6TH
7	1RV19EC036	AYUSHI WADJIKAR	9.34	7TH
8	1RV19EC009	ADITHYA M K	9.32	8TH
9	1RV19EC049	DHANUSH B SRIRAM	9.30	9TH
10	1RV19EC029	ARJUN M	9.30	10TH

INDUSTRIAL ENGINEERING & MANAGEMENT

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19IM011	BRINDA SAI	9.39	1ST
2	1RV19IM023	HIRANMAYI NIRANJAN	9.22	2ND
3	1RV19IM059	UHA KRISHNAN V	8.91	3RD
4	1RV19IM022	HARSHITHA M	8.88	4TH
5	1RV19IM051	SHACHIKA THANIGAIVELU	8.78	5TH
6	1RV19IM026	KARTIK ANSHUMAN VYAKARANAM	8.66	6TH

ELECTRONICS & INSTRUMENTATION ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19EI026	JHANHAVI R	9.66	1ST
2	1RV19EI054	SOUJANYA V BHAT	9.56	2ND
3	1RV19EI001	A VISHNU CHARAN	9.34	3RD
4	1RV19EI061	VAISHNAVI SOLAPUR	9.18	4TH
5	1RV19EI049	SAURAV AGRAWAL	9.14	5TH
6	1RV19EI030	NEHA JAGANNATH	8.93	6TH

CHEMICAL ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19CH003	ADITI PANDEY	9.50	1ST
2	1RV19CH021	NIDHI BHAT	9.39	2ND
3	1RV19CH029	YASHESH VIJAY RAJYAGURU	9.34	3RD
4	1RV19CH031	SELA ROSHNI SHRI	9.08	4TH

COMPUTER SCIENCE & ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19CS117	PRANEETA IMMADISETTY	9.87	1ST
2	1RV19CS193	ADITYA Y JEPPU	9.83	2ND
3	1RV19CS011	AKSHAY MAMMEN KOSHY	9.78	3RD
4	1RV19CS165	SUJALA REDDY R S	9.78	4TH
5	1RV19CS097	NAMYA L G	9.64	5TH
7	1RV19CS023	ARYAN AGARWAL	9.59	6TH
8	1RV19CS084	MANALI M RANADE	9.57	7TH
9	1RV19CS100	NIDHI G K	9.56	8TH
10	1RV19CS123	R SHARATH CHANDRA	9.50	9TH
11	1RV19CS196	APARNA KINI	9.49	10TH

ELECTRONICS & TELECOMMUNICATION ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19ET055	SUMUKHA S SRIVATSA	8.96	1ST
2	1RV19ET001	A M ANJANA SUNDARI	8.89	2ND
3	1RV19ET022	DHEERAJ V C	8.87	3RD
4	1RV19ET050	SAMUDYATA A	8.82	4TH
5	1RV19ET056	SURBHI CHOUDHARY	8.54	5TH
6	1RV19ET065	S BHUVANA	8.54	6TH

INFORMATION SCIENCE & ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19IS002	AKASH KALMESH HIREMATH	9.56	1ST
2	1RV19IS031	NIDHI H HALAPPANAVAR	9.55	2ND
3	1RV19IS037	PRINSON FERNANDES	9.54	3RD
4	1RV19IS003	AKASH SHETTY	9.49	4TH
5	1RV19IS049	SHIVAM PRAJAPATI	9.49	5TH
6	1RV19IS023	KETAN VAISH	9.33	6TH

BIOTECHNOLOGY

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19BT056	VIBHA R	9.65	1ST
2	1RV19BT008	BHUVANA PRAKASH	9.38	2ND
3	1RV19BT007	ASHLY BINOY	9.27	3RD
4	1RV19BT024	MANOGNA S	9.11	4TH
5	1RV19BT020	JOANNA NICOLE D'SOUZA	9.11	5TH
6	1RV19BT041	SHRAVANI S DAPTARDAR	9.07	6TH

AEROSPACE ENGINEERING

Sl.No	SIN/USN	NAME	CGPA	RANK
1	1RV19AS032	NIHAL HEBBAR	9.18	1ST
2	1RV19AS040	PRAVEEN PRASAD HANDIGOL	9.15	2ND
3	1RV19AS015	CHINMAY S KUNDAPUR	9.01	3RD

4	1RV19AS037	P V PRANAV	8.98	4TH
5	1RV19AS048	SHRYAS BHURAT	8.93	5TH
6	1RV19AS022	KRISHNA DEV RATHI	8.90	6TH

Best outgoing student

1	1RV19CS117	PRANEETA IMMADISETTY	9.87	

Graduate List (2022-23)				
Sl.No	**USN**	**NAME**	**CGPA**	**CLASS**
1	1RV19AS001	A VISHNU PRIYA	8.44	First Class with Distinction
2	1RV19AS002	AASHISH YADAV	8.62	First Class with Distinction
3	1RV19AS003	AKASH G M	7.17	First Class
4	1RV19AS004	AMRUTH N RAJ	8.07	First Class with Distinction
5	1RV19AS006	ANEESH R PHATAK	8.39	First Class with Distinction
6	1RV19AS007	ANSHUL JAIN	8.46	First Class with Distinction
7	1RV19AS008	ARYAN VASHISTHA	7.66	First Class
8	1RV19AS009	ASHISH RAJEEV NAYAK	8.65	First Class with Distinction
9	1RV19AS010	AVINASH RAVI RATHOD	7.70	First Class
10	1RV19AS011	B C LIKHITH MAADHAV	8.83	First Class with Distinction
11	1RV19AS012	C H BHUVANESHWARI	7.13	First Class
12	1RV19AS013	CALIX LEONEL C	7.19	First Class
13	1RV19AS015	CHINMAY S KUNDAPUR	9.01	First Class with Distinction
14	1RV19AS016	DARSHAN A RAICHUR	8.60	First Class with Distinction
15	1RV19AS017	GAUTHAM MAYUR N	8.83	First Class with Distinction
16	1RV19AS018	HARISH KUMAR	7.11	First Class
17	1RV19AS019	HARSHITH MAHESH CHIKKAMATH	7.94	First Class with Distinction
18	1RV19AS020	JASPREET KAUR	7.47	First Class
19	1RV19AS021	JAYASHALI L V	7.58	First Class
20	1RV19AS022	KRISHNA DEV RATHI	8.90	First Class with Distinction
21	1RV19AS023	KRUTHIKA RAMJI	7.60	First Class
22	1RV19AS024	KSHEERAJ KRISHNA K V	7.51	First Class
23	1RV19AS026	MAYUR V	8.41	First Class with Distinction
24	1RV19AS027	MOHAMMED ARSH YAMKANMARDI	7.97	First Class with Distinction

25	1RV19AS028	N SAGAR	8.47	First Class with Distinction
26	1RV19AS029	NAIJITH RAI	8.59	First Class with Distinction
27	1RV19AS030	NAMAN KUMAR SHETTY	8.64	First Class with Distinction
28	1RV19AS031	NAMAN MANOJ LADHAD	8.83	First Class with Distinction
29	1RV19AS032	NIHAL HEBBAR	9.18	First Class with Distinction
30	1RV19AS033	NIKHIL H B	8.02	First Class with Distinction
31	1RV19AS034	NINAD GAJANAN	8.17	First Class with Distinction
32	1RV19AS035	NIRANJAN S PATTANSHETTI	8.85	First Class with Distinction
33	1RV19AS036	NITHYAASHREE G	8.76	First Class with Distinction
34	1RV19AS037	P V PRANAV	8.98	First Class with Distinction
35	1RV19AS038	PRAJWAL B S	8.77	First Class with Distinction
36	1RV19AS039	PRASHANT S SATTARAGI	8.13	First Class with Distinction
37	1RV19AS040	PRAVEEN PRASAD HANDIGOL	9.15	First Class with Distinction
38	1RV19AS041	RITHWIK R	8.89	First Class with Distinction
39	1RV19AS042	RUTURAJ P YELLURKAR	8.20	First Class with Distinction
40	1RV19AS043	SAKSHI B M	7.78	First Class with Distinction
41	1RV19AS045	SAMYATH R RAO	8.78	First Class with Distinction
42	1RV19AS047	SHREYANSH SHARMA	8.86	First Class with Distinction
43	1RV19AS048	SHRYAS BHURAT	8.93	First Class with Distinction
44	1RV19AS049	SHUBHAM DAS	7.70	First Class
45	1RV19AS051	SRIKRISHNA	7.96	First Class with Distinction
46	1RV19AS053	SUKHVINDER SINGH CHEEMA	7.11	First Class
47	1RV19AS054	THIRUMALAPUDI VENKATA NAGA SAI BHAVANA	7.63	First Class
48	1RV19AS055	TUNGA S G	7.61	First Class

49	1RV19AS056	UMESH CHOUDHARY	8.49	First Class with Distinction
50	1RV19AS059	YASH SANJAY REVANKAR	8.47	First Class with Distinction
51	1RV19AS060	YASHASVI B HUGAR	8.41	First Class with Distinction
52	1RV19AS061	YOGESH RAMA MOGER	8.40	First Class with Distinction
53	1RV19AS062	GREESHMA A	8.32	First Class with Distinction
54	1RV19AS063	ADARSH CHANDRA	7.88	First Class with Distinction
55	1RV20AS400	ADVAITH P SHETTY	8.57	First Class with Distinction
56	1RV20AS401	HARSHITH GOWDA V	7.99	First Class with Distinction
57	1RV20AS402	KEERTHI N	7.48	First Class
58	1RV20AS403	SHREYAS J	7.99	First Class with Distinction
59	1RV20AS404	SUSHYANTH GALI	7.56	First Class
60	1RV20AS405	UMER MUHAMMIL	7.99	First Class with Distinction

Graduate List (2022-23)				
Sl.No	**USN**	**NAME**	**CGPA**	**CLASS**
1	1RV19BT001	AAKAANKSHA KAUL	8.83	First Class with Distinction
2	1RV19BT005	ANU ANN JOHN	7.75	First Class with Distinction
3	1RV19BT007	ASHLY BINOY	9.27	First Class with Distinction
4	1RV19BT008	BHUVANA PRAKASH	9.38	First Class with Distinction
5	1RV19BT009	C U SRI SHREYA DEVI	8.54	First Class with Distinction
6	1RV19BT011	CHIRANTH C R	8.82	First Class with Distinction
7	1RV19BT014	DHIVYAPRIYA R	8.57	First Class with Distinction
8	1RV19BT015	DHRITHI BHAT	8.47	First Class with Distinction
9	1RV19BT016	FAHEENA ANJUM N JAHANGIR	8.51	First Class with Distinction

10	1RV19BT018	J SANJANA	8.18	First Class with Distinction
11	1RV19BT019	JAHNAVI G BHAT	8.81	First Class with Distinction
12	1RV19BT020	JOANNA NICOLE D'SOUZA	9.11	First Class with Distinction
13	1RV19BT022	LAUHITYA A	8.74	First Class with Distinction
14	1RV19BT024	MANOGNA S	9.11	First Class with Distinction
15	1RV19BT026	MARYANNE VARGHESE	7.63	First Class
16	1RV19BT027	MEGHANA M S	8.21	First Class with Distinction
17	1RV19BT028	NAMITA RAO B	7.67	First Class
18	1RV19BT031	PRARTHANA S REDDY	8.58	First Class with Distinction
19	1RV19BT032	PRATYUSH DWIVEDI	7.35	First Class
20	1RV19BT034	RISHAB U SUBRAMANYAM	7.77	First Class with Distinction
21	1RV19BT035	SAI DRISHYA S	8.40	First Class with Distinction
22	1RV19BT036	SAMEEKSHA GURURAJA YELLAPUR	8.26	First Class with Distinction
23	1RV19BT037	SANJANA DASGUPTA	7.62	First Class
24	1RV19BT038	SARAH PHILIP	8.69	First Class with Distinction
25	1RV19BT039	SARVESHA BABU M	8.54	First Class with Distinction
26	1RV19BT040	SHAIK SAMEER	7.48	First Class
27	1RV19BT041	SHRAVANI S DAPTARDAR	9.07	First Class with Distinction
28	1RV19BT043	SHREYITHA M	8.52	First Class with Distinction
29	1RV19BT044	SNEHA KUMKUM	7.81	First Class with Distinction
30	1RV19BT045	SNEHA S PATIL	6.99	First Class
31	1RV19BT046	SONAL SAINI	9.06	First Class with Distinction
32	1RV19BT048	SPOORTHI B R	8.86	First Class with Distinction
33	1RV19BT049	SPOORTI SORATUR	8.53	First Class with Distinction
34	1RV19BT051	TANMAY KUMAR	7.13	First Class
35	1RV19BT052	THRIPTHI V S	7.07	First Class
36	1RV19BT053	V RASHMI	7.12	First Class

37	1RV19BT054	VARSHA SINGH M	7.22	First Class
38	1RV19BT056	VIBHA R	9.65	First Class with Distinction
39	1RV19BT057	VRUSHALI PRASHANT DESAI	8.34	First Class with Distinction

Sl.No	USN	NAME	CGPA	CLASS
1	1RV19CH002	ABHISHEK	6.72	Second Class
2	1RV19CH003	ADITI PANDEY	9.50	First Class with Distinction
3	1RV19CH004	ADITI TATA	8.98	First Class with Distinction
4	1RV19CH007	ARKO BOSE	8.57	First Class with Distinction
5	1RV19CH012	CHITRA AGRAWAL	7.92	First Class with Distinction
6	1RV19CH014	HARSH KESHARWANI	7.64	First Class
7	1RV19CH016	IQRA ARABIA ALI KHAN	8.38	First Class with Distinction
8	1RV19CH018	ISHAAN BHAT	8.72	First Class with Distinction
9	1RV19CH019	MANAV NAGAR	7.03	First Class
10	1RV19CH021	NIDHI BHAT	9.39	First Class with Distinction
11	1RV19CH022	NISHA G GUDIGAR	8.55	First Class with Distinction
12	1RV19CH024	OM MADAN RAIKAR	9.05	First Class with Distinction
13	1RV19CH025	PASUPULETI VENKATA SAI DINESH	7.46	First Class
14	1RV19CH027	PULKIT JAIN	8.42	First Class with Distinction
15	1RV19CH029	YASHESH VIJAY RAJYAGURU	9.34	First Class with Distinction
16	1RV19CH030	SAMHITA M KIRAN	7.57	First Class
17	1RV19CH031	SELA ROSHNI SHRI	9.08	First Class with Distinction
18	1RV19CH033	SHRAVAN MANJUNATH	6.66	Second Class
19	1RV19CH034	SHRAVAN S RANGA	8.35	First Class with Distinction
20	1RV19CH035	SUPRATIM MAJUMDER	7.18	First Class

21	1RV19CH036	VARSHITH TIPIRNENI	8.95	First Class with Distinction
22	1RV19CH037	VISHWESH S DESAI	7.22	First Class
23	1RV19CH038	YASEEN MUNEER	7.62	First Class
24	1RV20CH401	JEEVITHA A M	8.39	First Class with Distinction
25	1RV20CH402	VAMSHIKA I	8.05	First Class with Distinction

Sl.No	USN	NAME	CGPA	CLASS
1	1RV18CS147	SHAHBAAZ AHMED	7.21	First Class
2	1RV19CS001	ABDUR RAHAMAN	8.34	First Class with Distinction
3	1RV19CS002	ABHAY H KASHYAP	9.22	First Class with Distinction
4	1RV19CS004	ADARSH RAMAKRISHNA HEGDE	8.89	First Class with Distinction
5	1RV19CS005	ADITHI VISWANATH	7.91	First Class with Distinction
6	1RV19CS006	ADITYA SINGH	8.83	First Class with Distinction
7	1RV19CS008	AKSHAT BANSAL	7.48	First Class
8	1RV19CS009	AKSHAT KHARE	8.46	First Class with Distinction
9	1RV19CS010	AKSHAY KUMAR NALATAWAD	8.22	First Class with Distinction
10	1RV19CS011	AKSHAY MAMMEN KOSHY	9.78	First Class with Distinction
11	1RV19CS012	AKSHAY SHANKAR	8.59	First Class with Distinction
12	1RV19CS013	AKSHITA GUPTA	9.27	First Class with Distinction
13	1RV19CS014	ALLE NAGA RISHIKESH REDDY	9.15	First Class with Distinction
14	1RV19CS016	AMISH CHOPRA	8.02	First Class with Distinction
15	1RV19CS017	ANISH A S	8.97	First Class with Distinction
16	1RV19CS018	ANKIT	7.67	First Class
17	1RV19CS019	ANNAPOORNESWARI H P	8.45	First Class with Distinction
18	1RV19CS020	ANUPAMA SHALAVADI	7.48	First Class

19	1RV19CS021	ANVITHKUMAR A SHETTY	8.94	First Class with Distinction
20	1RV19CS022	ARTHIK BHANDARY	8.99	First Class with Distinction
21	1RV19CS023	ARYAN AGARWAL	9.59	First Class with Distinction
22	1RV19CS024	ARYAN RAJ SINHA	7.49	First Class
23	1RV19CS025	ARYN BARMAN	8.94	First Class with Distinction
24	1RV19CS026	ASHFAQ HUSSAIN SYED	7.62	First Class
25	1RV19CS027	ASHISH BALLATIGI	9.28	First Class with Distinction
26	1RV19CS029	ATHREYA V SHET	8.80	First Class with Distinction
27	1RV19CS031	AYAZ ABDULLA A A	8.18	First Class with Distinction
28	1RV19CS034	AYUSH RAJ SINGH	7.51	First Class
29	1RV19CS035	B ARAVIND	8.75	First Class with Distinction
30	1RV19CS036	B MITHRA VARUN	8.30	First Class with Distinction
31	1RV19CS038	BOGAM VENU	6.93	First Class
32	1RV19CS040	CHARAN M R	8.78	First Class with Distinction
33	1RV19CS041	CHINMAY B S	8.43	First Class with Distinction
34	1RV19CS042	DARSHAN J	9.22	First Class with Distinction
35	1RV19CS043	DEEPANKUR GUPTA	9.17	First Class with Distinction
36	1RV19CS045	DEVATHI N NIKHIL	8.69	First Class with Distinction
37	1RV19CS046	DIVYANG MISHRA	8.28	First Class with Distinction
38	1RV19CS047	EDUPUGANTI AKHIL	7.75	First Class with Distinction
39	1RV19CS048	EMIL SOLOMAN	8.73	First Class with Distinction
40	1RV19CS049	G V KARUNA SAGAR	7.95	First Class with Distinction
41	1RV19CS051	GANDLA MAHIKSHITH	7.33	First Class
42	1RV19CS052	GAURAV PAI B	8.89	First Class with Distinction
43	1RV19CS053	GAURAV YELLURU	9.62	First Class with Distinction
44	1RV19CS054	HARIHAR S PAWAR	7.23	First Class

45	1RV19CS055	HARIKIRAN G	8.37	First Class with Distinction
46	1RV19CS056	HARSH GOYAL	9.08	First Class with Distinction
47	1RV19CS057	HIMA J KAMMACHI	9.23	First Class with Distinction
48	1RV19CS058	HIMANSHU GUPTA	9.27	First Class with Distinction
49	1RV19CS059	HRITESH KACHROO	8.67	First Class with Distinction
50	1RV19CS060	HRITHIK RAINA	8.88	First Class with Distinction
51	1RV19CS061	ISHA V P	9.25	First Class with Distinction
52	1RV19CS062	JAGADEESH PATIL	8.26	First Class with Distinction
53	1RV19CS064	JAIKISHAN JAIKUMAR	8.74	First Class with Distinction
54	1RV19CS065	JERIL SABAN JOY	8.75	First Class with Distinction
55	1RV19CS066	JINKA RAKESH	8.93	First Class with Distinction
56	1RV19CS067	ANIRUDH J M	8.10	First Class with Distinction
57	1RV19CS068	K N PRASANNA	9.08	First Class with Distinction
58	1RV19CS069	KARTHIK BHARADWAJ	8.04	First Class with Distinction
59	1RV19CS070	KEERTHAN KUMAR A	9.23	First Class with Distinction
60	1RV19CS071	KHETAN RISHABH PURUSHOTAM	7.16	First Class
61	1RV19CS072	KHUSHI ARORA	7.53	First Class
62	1RV19CS073	KONDE SASIDHAR REDDY	8.60	First Class with Distinction
63	1RV19CS074	KONTISETTY LIKITHA	8.35	First Class with Distinction
64	1RV19CS075	KOUSHIK B N	7.05	First Class
65	1RV19CS076	KRITHIKA VENKATESH	7.95	First Class with Distinction
66	1RV19CS078	KUMAR PRAKHAR	6.55	Second Class
67	1RV19CS079	LOVEY VISHNANI	8.52	First Class with Distinction
68	1RV19CS080	MAHARUDRA	6.86	First Class
69	1RV19CS081	MAHENDRA	7.45	First Class
70	1RV19CS082	MAHESH BHASKAR HEGDE	9.03	First Class with Distinction

71	1RV19CS084	MANALI M RANADE	9.57	First Class with Distinction
72	1RV19CS086	MANISH P S M	8.11	First Class with Distinction
73	1RV19CS087	MAYANK AGARWAL	9.27	First Class with Distinction
74	1RV19CS088	MEHUL GILOTRA	8.55	First Class with Distinction
75	1RV19CS090	MOHAMMED RAFIQ B I	7.40	First Class
76	1RV19CS091	MOHAMMED ZAID SIKANDER	7.80	First Class with Distinction
77	1RV19CS092	MUDIT NAWALGARIA	9.24	First Class with Distinction
78	1RV19CS093	MUSKAN AGRAWAL	8.32	First Class with Distinction
79	1RV19CS094	MYTHRI NAIK	7.73	First Class
80	1RV19CS095	N K SHARATHCHANDRA	8.14	First Class with Distinction
81	1RV19CS096	NAMAN ARYA	8.69	First Class with Distinction
82	1RV19CS097	NAMYA L G	9.64	First Class with Distinction
83	1RV19CS098	NAVNITH BHARADWAJ	7.90	First Class with Distinction
84	1RV19CS099	NEETANSHU TYAGI	7.52	First Class
85	1RV19CS100	NIDHI G K	9.56	First Class with Distinction
86	1RV19CS101	NIKHIL VISHWANATH HEGDE	9.18	First Class with Distinction
87	1RV19CS102	NIKIRAM C	8.39	First Class with Distinction
88	1RV19CS103	NISHCHAL D V	8.79	First Class with Distinction
89	1RV19CS104	NISHIL RAJAN	7.67	First Class
90	1RV19CS105	NITEESH HEGDE	9.08	First Class with Distinction
91	1RV19CS106	NITESH KUMAR TIWARI	7.98	First Class with Distinction
92	1RV19CS107	NITIN KUMAR RAJESH	8.07	First Class with Distinction
93	1RV19CS109	OMPRAKASH	7.79	First Class with Distinction
94	1RV19CS110	P V KOUNDINYA	7.92	First Class with Distinction
95	1RV19CS111	PERLA LEELA CHARAN	9.18	First Class with Distinction

96	1RV19CS112	PHALAKSHA C G	9.08	First Class with Distinction
97	1RV19CS113	POOJA RAJESH	9.26	First Class with Distinction
98	1RV19CS114	PRADEEP T M	7.62	First Class
99	1RV19CS115	PRAJWAL VIJAY KAMBLE	7.75	First Class with Distinction
100	1RV19CS116	PRANAV HARIHARAN	8.17	First Class with Distinction
101	1RV19CS117	PRANEETA IMMADISETTY	9.87	First Class with Distinction
102	1RV19CS118	PRANEETH	8.93	First Class with Distinction
103	1RV19CS119	PRIYA NAYAK	9.47	First Class with Distinction
104	1RV19CS121	PRIYANSHU SINGH	6.99	First Class
105	1RV19CS123	R SHARATH CHANDRA	9.50	First Class with Distinction
106	1RV19CS124	RACHIT DWIVEDI	7.82	First Class with Distinction
107	1RV19CS125	RAGHUNANDAN VENUGOPAL	8.11	First Class with Distinction
108	1RV19CS126	RAGVI GUPTA	8.43	First Class with Distinction
109	1RV19CS127	REVANTH K	7.61	First Class
110	1RV19CS129	ROHAN MAHESHWARI	8.55	First Class with Distinction
111	1RV19CS131	ROHITH SUNILKUMAR NAIR	8.85	First Class with Distinction
112	1RV19CS132	S GOKUL RAJ	8.75	First Class with Distinction
113	1RV19CS133	SAAHIL SHAILENDRA MEHTA	7.71	First Class
114	1RV19CS136	SANGA BHAVESH NIVAS ROYAL	8.62	First Class with Distinction
115	1RV19CS137	SANJANA N	9.38	First Class with Distinction
116	1RV19CS138	SANSKRITI BAJPAI	7.89	First Class with Distinction
117	1RV19CS139	SANTOSH	8.61	First Class with Distinction
118	1RV19CS140	SARTHAK SHARAN	8.09	First Class with Distinction
119	1RV19CS141	SATVIK PATIL	9.43	First Class with Distinction
120	1RV19CS142	SETTIPALLE SAHITHI	8.70	First Class with Distinction

121	1RV19CS143	SHADAKSHARI ARUTAGI	7.82	First Class with Distinction
122	1RV19CS144	SHARAN R SHETTY	8.29	First Class with Distinction
123	1RV19CS145	SHARAYU B BADIGER	8.82	First Class with Distinction
124	1RV19CS146	SHASHANK PASUMARTHY	7.66	First Class
125	1RV19CS147	SHASHWAT SAHU	6.94	First Class
126	1RV19CS148	SHEDBALKAR KRISHNA MARUTI	8.61	First Class with Distinction
127	1RV19CS149	SHIVASHANKAR K	8.15	First Class with Distinction
128	1RV19CS150	SHIVANEETHA G	9.17	First Class with Distinction
129	1RV19CS151	SHRAVASTI SARKAR	9.12	First Class with Distinction
130	1RV19CS152	SHRAVYA DASU	8.79	First Class with Distinction
131	1RV19CS153	SHREYAS P	8.50	First Class with Distinction
132	1RV19CS154	SHREYASHEE DE	7.63	First Class
133	1RV19CS155	SHRIVATSA KULKARNI	9.10	First Class with Distinction
134	1RV19CS156	SHRUJAN R	8.77	First Class with Distinction
135	1RV19CS157	SHUBBHUM YADAV	8.58	First Class with Distinction
136	1RV19CS158	SINCHANA RAJ	8.42	First Class with Distinction
137	1RV19CS159	SNEHA A BIRADAR	8.23	First Class with Distinction
138	1RV19CS160	SNEHA B	6.79	First Class
139	1RV19CS161	SOURABH MALLAPPA KAMATE	9.07	First Class with Distinction
140	1RV19CS162	SOURAV KANNANTHA B	8.68	First Class with Distinction
141	1RV19CS163	SRIKANTHA M L	9.40	First Class with Distinction
142	1RV19CS164	SUDHANSHU GARG	8.99	First Class with Distinction
143	1RV19CS165	SUJALA REDDY R S	9.78	First Class with Distinction
144	1RV19CS166	SUMANTH HEGDE	9.33	First Class with Distinction
145	1RV19CS167	SUMIT RAMESH KAKATI	9.06	First Class with Distinction

146	1RV19CS168	SUPRIYA K N	9.41	First Class with Distinction
147	1RV19CS169	SURAJ K R	8.25	First Class with Distinction
148	1RV19CS170	SURYA Y	9.37	First Class with Distinction
149	1RV19CS171	TANGIRALA JAYA SREE LAKSHMI SAVITRI	8.99	First Class with Distinction
150	1RV19CS172	TANMAY JAIN	9.13	First Class with Distinction
151	1RV19CS173	TANMAYANANDA M G P	8.54	First Class with Distinction
152	1RV19CS175	TIRUMALESH MANJUNATHA NAIK	8.15	First Class with Distinction
153	1RV19CS176	V A SRIRAM PRAVEEN	8.96	First Class with Distinction
154	1RV19CS177	VAIBHAV IRAMANI	8.06	First Class with Distinction
155	1RV19CS178	VAIBHAV VATSA	7.78	First Class with Distinction
156	1RV19CS179	VARADRAJ PATIL	8.74	First Class with Distinction
157	1RV19CS180	VASUDEV SETH	7.77	First Class with Distinction
158	1RV19CS181	VEERABHADRA	8.99	First Class with Distinction
159	1RV19CS182	VENJAN V	8.64	First Class with Distinction
160	1RV19CS183	VIHAAN NAMA	8.59	First Class with Distinction
161	1RV19CS184	VIJAY KUMAR S	8.71	First Class with Distinction
162	1RV19CS185	VIJAY RAGHAV	7.86	First Class with Distinction
163	1RV19CS186	VINAYAK ASHOK MIKKAL	9.01	First Class with Distinction
164	1RV19CS187	VISHNU B G BHARADWAJA	9.07	First Class with Distinction
165	1RV19CS189	Y RAGHAVENDRA	9.27	First Class with Distinction
166	1RV19CS190	YASH MANJUNATH SANNECY	8.23	First Class with Distinction
167	1RV19CS191	YASHAS M S	8.42	First Class with Distinction
168	1RV19CS192	YOGESH K N	7.10	First Class

169	1RV19CS193	ADITYA Y JEPPU	9.83	First Class with Distinction
170	1RV19CS194	DIVYE SANCHETI	9.91	First Class with Distinction
171	1RV19CS195	AMAN VERMA	9.35	First Class with Distinction
172	1RV19CS196	APARNA KINI	9.49	First Class with Distinction
173	1RV19CS407	NETHRAVATHI T	6.86	First Class
174	1RV20CS400	AKSHAY R M	6.87	First Class
175	1RV20CS401	BHARATH KUMAR M	7.53	First Class
176	1RV20CS403	GAGANASHREE D	7.53	First Class
177	1RV20CS404	GANAVI G R	7.35	First Class
178	1RV20CS405	IMRAN NAZEERULLA KHAN	6.54	Second Class
179	1RV20CS407	KOMAL M	7.14	First Class
180	1RV20CS408	MAHANTESH KAMATE	7.13	First Class
181	1RV20CS409	MANJULA B	7.42	First Class
182	1RV20CS410	NISARGA H P	7.37	First Class
183	1RV20CS411	P KUSHALA	7.61	First Class
184	1RV20CS412	RAGHU L	6.79	First Class
185	1RV20CS413	ROHIT R P	7.08	First Class
186	1RV20CS416	SWARAJ SANJAY SOMANACHE	8.03	First Class
187	1RV20CS417	SWATHI V	6.89	First Class

Sl.No	USN	NAME	CGPA	CLASS
1	1RV19CV001	ABHISHEK KUMAR	7.08	First Class
2	1RV19CV004	ADNAN H KOTAWALA	9.19	First Class with Distinction
3	1RV19CV008	AKHILESH CHAUHAN	7.94	First Class with Distinction
4	1RV19CV009	AMAN KUMAR	7.09	First Class
5	1RV19CV012	ANIL I VANNUR	7.30	First Class
6	1RV19CV013	ANNAPOORNA NYAMAGOUDRA	7.53	First Class
7	1RV19CV014	ANUBHAV PANDEY	7.49	First Class
8	1RV19CV015	ANURAG JAISWAL	7.77	First Class with Distinction
9	1RV19CV016	ANUSHA K	7.03	First Class
10	1RV19CV017	ANUSHA R	7.16	First Class
11	1RV19CV018	ASHIK DEEPAK SHET	6.99	First Class

12	1RV19CV019	ASHUTOSH KUMAR SINGH	7.69	First Class
13	1RV19CV020	AVINASHKUMAR K	8.41	First Class with Distinction
14	1RV19CV021	BASHITHA V	7.06	First Class
15	1RV19CV022	CHINMAY PRASAD S	7.87	First Class with Distinction
16	1RV19CV023	DARSHAN C H	7.91	First Class with Distinction
17	1RV19CV024	DHANVIN C	7.31	First Class
18	1RV19CV025	DHEERAJ R	8.60	First Class with Distinction
19	1RV19CV026	DHRUV CHOUDHARY	6.97	First Class
20	1RV19CV028	GAGAN B NAIK	7.27	First Class
21	1RV19CV030	GURUKUMAR	6.59	Second Class
22	1RV19CV031	HARISHNARAYAN K S	6.68	Second Class
23	1RV19CV032	HARSH NARAYAN	7.15	First Class
24	1RV19CV033	HEMANTH V PATEL	7.77	First Class with Distinction
25	1RV19CV036	HRUDHAY S	6.44	Second Class
26	1RV19CV037	JAGATH KUMAR	7.97	First Class with Distinction
27	1RV19CV038	JAISIMHA V L	6.86	First Class
28	1RV19CV039	JAYANTH RAJU G S	8.01	First Class with Distinction
29	1RV19CV041	KARTHIK N R	7.83	First Class with Distinction
30	1RV19CV042	KHUSHI VAIBHAVI	7.17	First Class
31	1RV19CV043	KISHLEY RATHOUR	6.85	First Class
32	1RV19CV044	KURUGUNDA MOHITH KUMAR	6.59	Second Class
33	1RV19CV045	L HIMA	6.70	Second Class
34	1RV19CV047	M SAI DHEERAJ	7.18	First Class
35	1RV19CV048	MAHANTHESH S	8.71	First Class with Distinction
36	1RV19CV049	MANU B M	7.65	First Class
37	1RV19CV052	MEHREEN MUNEER MIRCHAL	6.94	First Class
38	1RV19CV053	MOHAN KUMAR T N	7.14	First Class
39	1RV19CV054	NEELAPPA	7.22	First Class
40	1RV19CV055	NITHEESH E	8.43	First Class with Distinction
41	1RV19CV057	NITHISH P	7.98	First Class with Distinction

42	1RV19CV059	P TUSHAL GOWDA	7.40	First Class
43	1RV19CV060	PANKAJ RAJENDRA SINGH	7.97	First Class with Distinction
44	1RV19CV063	PAVAN L BEDGE	7.81	First Class with Distinction
45	1RV19CV064	POORVIK B L	6.54	Second Class
46	1RV19CV065	PRADEEP TALAGERI	7.22	First Class
47	1RV19CV067	PRASHANT YASHAVANT MADAKAR	7.98	First Class with Distinction
48	1RV19CV068	PRATEEK SINGH CHAUHAN	7.46	First Class
49	1RV19CV069	PRERANA J SHETTY	7.81	First Class with Distinction
50	1RV19CV070	RAGHAV MAGOTRA	8.17	First Class with Distinction
51	1RV19CV074	RAKSHITH	7.58	First Class
52	1RV19CV075	RAVI RAJ	8.47	First Class with Distinction
53	1RV19CV076	ROHAN SHESHADRI	7.83	First Class with Distinction
54	1RV19CV077	ROHIT V PATIL	7.29	First Class
55	1RV19CV078	S SAI SADAN	6.99	First Class
56	1RV19CV080	SAMRUDH PATILA	7.88	First Class with Distinction
57	1RV19CV081	SAMYUKTHA P RAJAN	7.01	First Class
58	1RV19CV082	SANJAY T G	8.22	First Class with Distinction
59	1RV19CV084	SANTOSH SANGANATTI	7.15	First Class
60	1RV19CV085	SAVITRI P WAGHAMORE	7.22	First Class
61	1RV19CV087	SHAILAJA S	6.28	Second Class
62	1RV19CV089	SHARANYA B V	8.06	First Class with Distinction
63	1RV19CV090	SHOBHIT JAIN	7.06	First Class
64	1RV19CV091	SHOBHITHA H J	7.77	First Class with Distinction
65	1RV19CV092	SHREYAS B C	6.78	First Class
66	1RV19CV093	SHREYAS MISHRA	8.11	First Class with Distinction
67	1RV19CV094	SHREYAS S VANTAMUTTE	7.93	First Class with Distinction
68	1RV19CV095	SHREYAS SHIVANAND KAMATAGI	6.70	Second Class
69	1RV19CV096	SHUBHANK TIWARI	7.63	First Class

70	1RV19CV097	SIDDHARTH P KOCHERI	8.14	First Class with Distinction
71	1RV19CV098	SIDRAM HIPPARAGI	8.10	First Class with Distinction
72	1RV19CV099	SINCHANA K	8.19	First Class with Distinction
73	1RV19CV100	SNEHA	6.38	Second Class
74	1RV19CV101	SRINIVASA NADGOUDA	7.82	First Class with Distinction
75	1RV19CV102	SRISHTI	8.94	First Class with Distinction
76	1RV19CV103	SRUSTI L B	7.94	First Class with Distinction
77	1RV19CV104	SUHAS MONLI	7.22	First Class
78	1RV19CV105	SUMIT ORAON	6.69	Second Class
79	1RV19CV108	SWAPNIL RAJESH LALAGE	7.25	First Class
80	1RV19CV109	SWAROOP TEMBHARE	6.05	Second Class
81	1RV19CV111	SYED MUZAFFAR AHMED	7.50	First Class
82	1RV19CV113	T T M VINAYAKA	7.91	First Class with Distinction
83	1RV19CV115	THEERTHA SWAROOP M	9.05	First Class with Distinction
84	1RV19CV116	TUSHAR SINGH	7.06	First Class
85	1RV19CV118	UDAY B R	6.63	Second Class
86	1RV19CV119	UJJWAL V PATEL	6.61	Second Class
87	1RV19CV120	UMAR MAJEED	7.64	First Class
88	1RV19CV121	VARSHINI P	6.01	Second Class
89	1RV19CV122	VARUN T M	6.37	Second Class
90	1RV19CV123	VASUKI	6.40	Second Class
91	1RV19CV126	YASH AGRAWAL	7.73	First Class
92	1RV19CV127	YUVARAJ D	6.97	First Class
93	1RV19CV130	VITTA HUSSAINVENKATA UDAYKRISHNA	7.58	First Class
94	1RV20CV401	DILEEP S P	8.40	First Class with Distinction
95	1RV20CV402	ISHWARAJ	7.69	First Class
96	1RV20CV403	N SUNDEEP	8.51	First Class with Distinction
97	1RV20CV404	NAVYAANJALI R	8.24	First Class with Distinction
98	1RV20CV406	SAINATH	7.96	First Class with Distinction

99	1RV20CV407	SHIVUKUMAR MALLAPUR	7.13	First Class
100	1RV20CV408	SHREESH SHIRGAONKAR	8.27	First Class with Distinction
101	1RV20CV409	VAIBHAV HOLI	7.86	First Class with Distinction
102	1RV20CV410	VINAYAK SULGEKAR	8.63	First Class with Distinction

Sl.No	USN	NAME	CGPA	CLASS
1	1RV19EC001	A AVINASH PRABHU	9.29	First Class with Distinction
2	1RV19EC002	A SHRIHARSHA	7.56	First Class
3	1RV19EC005	ABHISHEK	8.11	First Class with Distinction
4	1RV19EC006	ABHISHEK MALAVALLI SRIVATHSA	7.96	First Class with Distinction
5	1RV19EC008	ADARSH GUPTA	8.86	First Class with Distinction
6	1RV19EC009	ADITHYA M K	9.32	First Class with Distinction
7	1RV19EC010	ADITYA CHIKKMATH	8.39	First Class with Distinction
8	1RV19EC011	ADITYA N	8.54	First Class with Distinction
9	1RV19EC012	AKANKSH RAMESH MUNIYAPPA	9.07	First Class with Distinction
10	1RV19EC013	AKSHAY MUGALIHAL	8.19	First Class with Distinction
11	1RV19EC014	ALBIN JOSE	6.74	Second Class
12	1RV19EC015	ALEN AJI JOHN	8.12	First Class with Distinction
13	1RV19EC016	AMAN SABLOK	7.98	First Class with Distinction
14	1RV19EC018	AMITESH	7.01	First Class
15	1RV19EC019	AMITHKUMAR VISHWANATH MATH	8.74	First Class with Distinction
16	1RV19EC020	AMOGH MANOHAR	8.22	First Class with Distinction
17	1RV19EC021	ANANYA SHARMA	7.95	First Class with Distinction
18	1RV19EC022	ANIRUDH R	7.03	First Class
19	1RV19EC023	ANOOP K N	8.75	First Class with Distinction

20	1RV19EC024	ANUBHA MITTAL	8.51	First Class with Distinction
21	1RV19EC025	ANUSHKA SUBRAMANIAN	9.06	First Class with Distinction
22	1RV19EC026	ANVAY PANCHOLIYA	9.07	First Class with Distinction
23	1RV19EC027	APURVA D BHARGAVA	9.24	First Class with Distinction
24	1RV19EC028	ARITRA RAYCHAUDHURI	8.41	First Class with Distinction
25	1RV19EC029	ARJUN M	9.30	First Class with Distinction
26	1RV19EC030	ARUN R PATIL	7.68	First Class
27	1RV19EC031	ARYAN R HARWADEKAR	8.38	First Class with Distinction
28	1RV19EC033	ATHMIK HEGDE K	7.84	First Class with Distinction
29	1RV19EC036	AYUSHI WADJIKAR	9.34	First Class with Distinction
30	1RV19EC038	BHARATH M	9.55	First Class with Distinction
31	1RV19EC039	BHAVYA YASRAJ R CHAWDA	8.01	First Class with Distinction
32	1RV19EC040	BHUVAN DORESWAMY	8.87	First Class with Distinction
33	1RV19EC041	CHETAN M ANGADI	8.70	First Class with Distinction
34	1RV19EC042	CHETAN S M	7.42	First Class
35	1RV19EC043	CHINMAYEE C	7.18	First Class
36	1RV19EC046	DEBANJAN SINHA	8.21	First Class with Distinction
37	1RV19EC047	DEEKSHA RAMASWAMY	7.55	First Class
38	1RV19EC048	DEEKSHA SANU	8.22	First Class with Distinction
39	1RV19EC049	DHANUSH B SRIRAM	9.30	First Class with Distinction
40	1RV19EC050	DHIREN G SHEKARAN	5.91	Second Class
41	1RV19EC051	DHULIPALA SUBRAHMANYA RAJEEV	7.01	First Class
42	1RV19EC052	ELUGOTI SHRAVAN KUMAR	8.50	First Class with Distinction
43	1RV19EC053	FAIZAN FAROOQ LONE	7.66	First Class
44	1RV19EC054	GAGAN GOWDA K L	6.37	Second Class
45	1RV19EC055	GALIVEETI ROHITH REDDY	7.98	First Class with Distinction

46	1RV19EC056	GANESH C	8.10	First Class with Distinction
47	1RV19EC057	GAUTHAM T K	8.79	First Class with Distinction
48	1RV19EC058	GAVVALA SANDEEP	7.22	First Class
49	1RV19EC059	GIRIPRASAD N	7.95	First Class with Distinction
50	1RV19EC060	GITANJALI ROY	7.47	First Class
51	1RV19EC061	GUDIPATI SAI DINESH	8.73	First Class with Distinction
52	1RV19EC062	HARSH	7.92	First Class with Distinction
53	1RV19EC063	HARSHIT CHOPRA	6.67	Second Class
54	1RV19EC065	HUMA TABASSUM	8.86	First Class with Distinction
55	1RV19EC068	JAYADITHYA REDDY G	8.83	First Class with Distinction
56	1RV19EC069	JEEVITHA J	8.75	First Class with Distinction
57	1RV19EC070	JESSICA RAJ	8.75	First Class with Distinction
58	1RV19EC071	JOEL D COSTA	8.43	First Class with Distinction
59	1RV19EC072	K ABHIRAMI	8.59	First Class with Distinction
60	1RV19EC073	K U ANUSHKA	7.54	First Class
61	1RV19EC075	KARMUGILAN M	9.06	First Class with Distinction
62	1RV19EC076	KARTHIKEYA R SHERVEGAR	7.63	First Class
63	1RV19EC077	KAUSHIK ARYAN R	8.59	First Class with Distinction
64	1RV19EC078	KEERTHANA G	6.63	Second Class
65	1RV19EC079	KEERTHANA RAMESH	9.56	First Class with Distinction
66	1RV19EC080	KEERTHI B N C	9.21	First Class with Distinction
67	1RV19EC081	KESHVI PATEL	8.26	First Class with Distinction
68	1RV19EC082	KISHAN M	8.41	First Class with Distinction
69	1RV19EC083	KRISHNA PRATHIK B V	9.20	First Class with Distinction
70	1RV19EC084	KRUTHI JAYENDRA	6.87	First Class
71	1RV19EC085	LAKSH M OSWAL	8.46	First Class with Distinction

72	1RV19EC087	M SAI KIRAN	7.95	First Class with Distinction
73	1RV19EC088	MADHUSUDAN S C	8.73	First Class with Distinction
74	1RV19EC089	MAHESHWARI M	9.18	First Class with Distinction
75	1RV19EC090	MANIKANDAN D	9.28	First Class with Distinction
76	1RV19EC091	MANJUNATH PRAKASH SAJJAN	8.31	First Class with Distinction
77	1RV19EC092	MANJUNATH S	6.77	First Class
78	1RV19EC093	MANJUNATHA G S	7.65	First Class
79	1RV19EC095	MIHIR G MANKALE	7.16	First Class
80	1RV19EC097	MOHAN R	8.70	First Class with Distinction
81	1RV19EC098	MONEET MOHAN DEVADIG	7.76	First Class with Distinction
82	1RV19EC099	MOUNAV MAHADEV	8.46	First Class with Distinction
83	1RV19EC100	MOUNIKA SRI RAMESH BABU	8.27	First Class with Distinction
84	1RV19EC102	NAMAN BHATIA	8.77	First Class with Distinction
85	1RV19EC103	NAMIT SINGH	7.84	First Class with Distinction
86	1RV19EC104	NANDITA S	6.95	First Class
87	1RV19EC105	NARAGA VENKATA ESWARA PRIYA BHAVANA	7.52	First Class
88	1RV19EC106	NARSEPALLI PRADYUMNA	8.46	First Class with Distinction
89	1RV19EC107	NAVEEN MADEV NAIK	7.57	First Class
90	1RV19EC108	NILANJAN KUNDU	8.62	First Class with Distinction
91	1RV19EC109	NISHANTH B S	8.45	First Class with Distinction
92	1RV19EC110	NITHIN TEJA REDDY SHANTAYAGARI	7.87	First Class with Distinction
93	1RV19EC111	NOEL D COSTA	8.49	First Class with Distinction
94	1RV19EC112	P KARTIK	9.39	First Class with Distinction
95	1RV19EC113	P KIRAN KUMAR REDDY	8.83	First Class with Distinction
96	1RV19EC115	PALAK CHAUDAHA	6.45	Second Class

97	1RV19EC116	PALAKONDA CHARAN KUMAR REDDY	8.25	First Class with Distinction
98	1RV19EC117	PALLAVI P	9.50	First Class with Distinction
99	1RV19EC118	PARNIKA	9.57	First Class with Distinction
100	1RV19EC119	PENUBADI ASHWITH KUMAR REDDY	8.86	First Class with Distinction
101	1RV19EC120	PERAM RENUKA	7.91	First Class with Distinction
102	1RV19EC122	PONKALA HARSHITA GAYATHRI	8.86	First Class with Distinction
103	1RV19EC123	POOJA ADAGALL	6.73	Second Class
104	1RV19EC124	POTHURI MEHER AMRUTH	7.91	First Class with Distinction
105	1RV19EC126	PRAGYA SEN	8.10	First Class with Distinction
106	1RV19EC128	PRAVEEN	8.45	First Class with Distinction
107	1RV19EC131	PURIMETLA KALYAN RAM CHOWDARY	8.66	First Class with Distinction
108	1RV19EC132	RAHUL H KUMAR	8.85	First Class with Distinction
109	1RV19EC133	RAJAT DHRUVA R	7.06	First Class
110	1RV19EC134	RAJATH ITHAL H L	9.14	First Class with Distinction
111	1RV19EC137	RATNAKAR JAIN	9.14	First Class with Distinction
112	1RV19EC138	REVANT M MARGOL	8.70	First Class with Distinction
113	1RV19EC139	RITESH	8.58	First Class with Distinction
114	1RV19EC140	ROHAN HOLLA M	8.67	First Class with Distinction
115	1RV19EC142	RUTHVIK DUTT	7.33	First Class
116	1RV19EC143	S R DEEKSHITH PRASAD	8.42	First Class with Distinction
117	1RV19EC144	SAGNIK SARKAR	7.31	First Class
118	1RV19EC145	SAMARTH MARPAKWAR	7.95	First Class with Distinction
119	1RV19EC146	SAMEERA J SHARMA	9.27	First Class with Distinction
120	1RV19EC147	SAMISHTH SACHAN	8.22	First Class with Distinction
121	1RV19EC148	SAMPATH D K	6.86	First Class

122	1RV19EC149	SANA DIVYA SREE	8.86	First Class with Distinction
123	1RV19EC150	SANKET MUGALI	8.42	First Class with Distinction
124	1RV19EC151	SARAANSH AGARWAL	8.87	First Class with Distinction
125	1RV19EC153	SATVIK TIWARI	8.86	First Class with Distinction
126	1RV19EC154	SHALINI N GANJAM	8.99	First Class with Distinction
127	1RV19EC155	SHARAT KUMAR MISKIN	8.41	First Class with Distinction
128	1RV19EC156	SHASHANK	8.43	First Class with Distinction
129	1RV19EC157	SHASHANK S	8.30	First Class with Distinction
130	1RV19EC160	SHIVANAND BURLI	8.10	First Class with Distinction
131	1RV19EC161	SHIVAPRASAD	8.87	First Class with Distinction
132	1RV19EC162	SHIVESH SHRAWAN	8.02	First Class with Distinction
133	1RV19EC163	SHRADDHA KULKARNI	8.41	First Class with Distinction
134	1RV19EC164	SHRAVYA VASUDEVA	8.55	First Class with Distinction
135	1RV19EC165	SHREYA G	7.66	First Class
136	1RV19EC166	SHREYAS KUMAR	8.08	First Class with Distinction
137	1RV19EC167	SHRIRANG MADAR	8.17	First Class with Distinction
138	1RV19EC168	SHRISH KULKARNI	7.83	First Class with Distinction
139	1RV19EC169	SIDHANT MISHRA	7.90	First Class with Distinction
140	1RV19EC170	SIMRAN	9.02	First Class with Distinction
141	1RV19EC171	SOUJANYA	7.09	First Class
142	1RV19EC173	SRUJAN MAHESH U N	7.67	First Class
143	1RV19EC174	SUHAS B	8.43	First Class with Distinction
144	1RV19EC175	SUMANTH E	7.25	First Class
145	1RV19EC177	SWETHA S	7.72	First Class
146	1RV19EC178	TANMAY SINHA	8.94	First Class with Distinction

147	1RV19EC179	V DHANUSH	8.40	First Class with Distinction
148	1RV19EC180	VARAD SUNIL DAITHANKAR	7.91	First Class with Distinction
149	1RV19EC181	VARUN M	7.08	First Class
150	1RV19EC182	VIDHULA. H	7.65	First Class
151	1RV19EC183	VIKAS BIJJAL	7.71	First Class
152	1RV19EC185	VISHNU	6.69	Second Class
153	1RV19EC186	VISHRUTH A R	6.95	First Class
154	1RV19EC188	YASH GANESH NAIK	8.47	First Class with Distinction
155	1RV19EC189	YASH RAJ CHOUDHARY	7.75	First Class with Distinction
156	1RV19EC192	HRITHIK RAJ	8.54	First Class with Distinction
157	1RV19EC193	NAMRA QUASIM	9.17	First Class with Distinction
158	1RV19EC194	MAKAM MANIKYA RAKSHITH	9.16	First Class with Distinction
159	1RV19EC195	RAJAT RAJ	9.17	First Class with Distinction
160	1RV19EC197	SAKSHAM SHARMA	9.44	First Class with Distinction
161	1RV19EC198	VINITHA V	9.03	First Class with Distinction
162	1RV19EC199	YESHITHA B	9.05	First Class with Distinction
163	1RV19EC200	ROHITH T M	8.30	First Class with Distinction
164	1RV20EC400	AKASH S SHANBHAG	7.96	First Class with Distinction
165	1RV20EC401	DHANANJAYKUMAR	7.27	First Class
166	1RV20EC402	KAVANA M V	7.70	First Class
167	1RV20EC403	M BHUMIKA	6.91	First Class
168	1RV20EC404	MOHANGOWDA S N	8.23	First Class with Distinction
169	1RV20EC405	NAGARAJ S BHASME	7.62	First Class
170	1RV20EC406	PRAJWAL T R	7.32	First Class
171	1RV20EC407	PRASHANTH V	6.43	Second Class
172	1RV20EC408	RESHMA S	8.29	First Class with Distinction
173	1RV20EC409	SAHANA M D	7.10	First Class
174	1RV20EC411	SHEETHAL K S	7.03	First Class
175	1RV20EC413	SHUBHAM PATIL	7.55	First Class

176	1RV20EC414	SRINIVAS NIHAR K	7.07	First Class
177	1RV20EC415	SURAJ SINGH	6.80	First Class
178	1RV20EC416	UDAY V DAIVADNYA	6.53	Second Class
179	1RV20EC417	VIGHNESH MOHAN NAIK	8.10	First Class with Distinction

Sl.No	USN	NAME	CGPA	CLASS
1	1RV18EE043	RAVINANDANA R A	6.96	First Class
2	1RV19EE001	ADITYA SINGH	8.61	First Class with Distinction
3	1RV19EE003	AKASH S SINNOOR	7.98	First Class with Distinction
4	1RV19EE005	AKSHITA SINGH	7.79	First Class with Distinction
5	1RV19EE006	AMAN MOHAMMED SHOIB	6.86	First Class
6	1RV19EE012	DHRUVIL KOTHARI	7.50	First Class
7	1RV19EE014	G GIRIRAJ	8.43	First Class with Distinction
8	1RV19EE015	GOWDICHERUVU CHAKRADHAR REDDY	7.82	First Class with Distinction
9	1RV19EE016	GURUPRASAD	7.15	First Class
10	1RV19EE017	H B ASHA	7.69	First Class
11	1RV19EE018	HARSH RAJ	6.28	Second Class
12	1RV19EE020	JEFFREY NOEL AROKIARAJ	7.59	First Class
13	1RV19EE021	KAVERI BANDIGANI	8.49	First Class with Distinction
14	1RV19EE022	KIRAN KUMAR	7.25	First Class
15	1RV19EE024	MADHUKESH V	7.38	First Class
16	1RV19EE027	MALLIKARJUN ISHWARGOND	8.07	First Class with Distinction
17	1RV19EE028	MANAS M	7.62	First Class
18	1RV19EE030	NAGAVENI M HAKKAPAKKI	7.35	First Class
19	1RV19EE031	NITISH JADHAV	7.45	First Class
20	1RV19EE032	PRAJWAL DH	6.62	Second Class
21	1RV19EE034	RAKHESH NAIK	7.31	First Class
22	1RV19EE036	ROHINI RAGA	8.35	First Class with Distinction
23	1RV19EE037	ROHIT ANAND TAMBEKAR	8.73	First Class with Distinction
24	1RV19EE038	RUBLEEN KAUR HANSPAL	7.72	First Class

25	1RV19EE040	SANAT KUMAR SRIVASTAVA	8.12	First Class with Distinction
26	1RV19EE041	SATVIK SANJEEV BHUJLE	7.46	First Class
27	1RV19EE042	SAURABH KUMAR	7.06	First Class
28	1RV19EE043	SHASHIKIRAN S KUPNOOR	8.47	First Class with Distinction
29	1RV19EE044	SHASHWAT SHIVANSH	6.68	Second Class
30	1RV19EE045	SHIKHAR RAIZADAY	8.42	First Class with Distinction
31	1RV19EE047	SHREYANSH AGRAWAL	7.03	First Class
32	1RV19EE049	SHRUSTI CHANNAL	8.90	First Class with Distinction
33	1RV19EE053	SUSHMA N S	8.34	First Class with Distinction
34	1RV19EE055	TALIB YOUSUF CHAN	8.26	First Class with Distinction
35	1RV19EE056	TEJUS SANKAR	7.33	First Class
36	1RV19EE057	UTKARSH THAKKAR	7.27	First Class
37	1RV19EE058	VANSH NANDWANA	7.93	First Class with Distinction
38	1RV19EE059	VARSHINI TOLPADI	8.57	First Class with Distinction
39	1RV19EE061	VINAY P	8.25	First Class with Distinction
40	1RV19EE062	VIVEKANANDA D P	6.78	First Class
41	1RV19EE063	YASH P GUND	7.92	First Class with Distinction
42	1RV19EE066	ASHRITHA K	8.53	First Class with Distinction
43	1RV19EE067	SHARANAPPA ULAGI	8.27	First Class with Distinction
44	1RV19EE068	PIYUSH VERMA	7.39	First Class
45	1RV19EE069	APALA GWALERA	8.10	First Class with Distinction
46	1RV19EE070	CHAITRA RAVINDRA SANGAREDDY	7.75	First Class with Distinction
47	1RV19EE071	SOURABH RAJA	7.39	First Class
48	1RV19EE072	AKARSH ANAND	7.50	First Class
49	1RV19EE073	DEEPTHI.H.REDDY	7.29	First Class
50	1RV19EE074	ADARSH KUMAR JHA	7.82	First Class with Distinction
51	1RV20EE400	ABHISHEK K HULKUND	7.86	First Class
52	1RV20EE401	ANURAG N	7.69	First Class
53	1RV20EE402	LATHESH SHETTY K K	8.17	First Class
54	1RV20EE403	MALLARADDY	7.24	First Class

55	1RV20EE404	RIDA ARFAIN A	7.59	First Class

Graduate List (2022-23)				
Sl.No	**USN**	**NAME**	**CGPA**	**CLASS**
1	1RV19EI001	A VISHNU CHARAN	9.34	First Class with Distinction
2	1RV19EI004	AMAN KUMAR SINGH	8.39	First Class with Distinction
3	1RV19EI005	ANAND M SHARMA	8.89	First Class with Distinction
4	1RV19EI006	ANAND RAJ	8.14	First Class with Distinction
5	1RV19EI007	ANANYA D	8.45	First Class with Distinction
6	1RV19EI008	ANISHA SAHA	7.88	First Class with Distinction
7	1RV19EI010	ANKIT SRIVASTAVA	8.22	First Class with Distinction
8	1RV19EI012	ARYAN AMARNANI	7.77	First Class with Distinction
9	1RV19EI014	BINDU V	8.17	First Class with Distinction
10	1RV19EI015	CHANDHRIKKA R	7.06	First Class
11	1RV19EI017	FARHAN AKHTER	8.51	First Class with Distinction
12	1RV19EI018	FARID	7.06	First Class
13	1RV19EI019	GANESH C L	8.55	First Class with Distinction
14	1RV19EI021	HARSH KUMAR	8.27	First Class with Distinction
15	1RV19EI023	HRITIK RAJ	7.75	First Class with Distinction
16	1RV19EI025	JENNIFER E	8.66	First Class with Distinction
17	1RV19EI026	JHANHAVI R	9.66	First Class with Distinction
18	1RV19EI028	MUDIT RATHI	8.38	First Class with Distinction
19	1RV19EI030	NEHA JAGANNATH	8.93	First Class with Distinction
20	1RV19EI031	NIHAL B KARAMUDI	8.23	First Class with Distinction
21	1RV19EI032	NIKHIL K B	7.82	First Class with Distinction
22	1RV19EI033	PANKAJ KANKANI	8.92	First Class with Distinction
23	1RV19EI034	PRASHANT VERMA	7.81	First Class with Distinction
24	1RV19EI040	ROHIT KRANTIKUMAR MUDHOL	8.07	First Class with Distinction
25	1RV19EI043	S VARUN	8.19	First Class with Distinction
26	1RV19EI046	SAKSHI BHARTI	7.94	First Class with Distinction
27	1RV19EI047	SAMIYA GOYAL	9.05	First Class with Distinction
28	1RV19EI048	SANGAMESH WALADUNKI	8.15	First Class with Distinction
29	1RV19EI049	SAURAV AGRAWAL	9.14	First Class with Distinction
30	1RV19EI050	SHASHWAT MISHRA	8.67	First Class with Distinction
31	1RV19EI051	SHEIKH MOHAMMED RAAZI	8.28	First Class with Distinction
32	1RV19EI052	SHILPA S	8.91	First Class with Distinction

33	1RV19EI054	SOUJANYA V BHAT	9.56	First Class with Distinction
34	1RV19EI055	SPOORTHI NIRANJAN BADAD	7.46	First Class
35	1RV19EI056	SRISHTI R	8.26	First Class with Distinction
36	1RV19EI058	TANGUTURI SATHYA DHEERAJ KUMAR	8.02	First Class with Distinction
37	1RV19EI061	VAISHNAVI SOLAPUR	9.18	First Class with Distinction
38	1RV19EI062	VIKAS KONTEPPA KOTRE	7.58	First Class
39	1RV19EI063	YASH RAJ	7.60	First Class
40	1RV19EI064	SUHAS SHANMUKHA BANAKAR	8.29	First Class with Distinction
41	1RV19EI065	RAJ GAURAV	7.18	First Class
42	1RV19EI401	JAYAPALA	7.07	First Class
43	1RV20EI400	AFTAB TAMBOLI	7.15	First Class
44	1RV20EI403	KAVYASHREE N	7.55	First Class
45	1RV20EI404	PRAJWAL B GADAD	7.12	First Class

Graduate List (2022-23)				
Sl.No	**USN**	**NAME**	**CGPA**	**CLASS**
1	1RV19ET001	A M ANJANA SUNDARI	8.89	First Class with Distinction
2	1RV19ET002	AASTHA AAYUSHI	7.25	First Class
3	1RV19ET003	ABDUR REHMAN	8.62	First Class with Distinction
4	1RV19ET004	ABHIJEET	7.25	First Class
5	1RV19ET006	AISHWARY VISHWAKARMA	6.46	Second Class
6	1RV19ET007	ANUSHA PATIL	7.47	First Class
7	1RV19ET008	APALA DAS	8.23	First Class with Distinction
8	1RV19ET009	ARUL SHRIVASTAVA	6.87	First Class
9	1RV19ET010	ATUL RAGHAVENDRA KATHAVATE	7.01	First Class
10	1RV19ET011	ATUL SAI S S	7.36	First Class
11	1RV19ET012	AVANEETH ANIL	8.17	First Class with Distinction
12	1RV19ET013	AYUSH AGARWAL	6.95	First Class
13	1RV19ET016	BISHAL KUMAR	8.03	First Class with Distinction
14	1RV19ET017	D R UPENDRASHETTY	7.85	First Class with Distinction
15	1RV19ET018	DARSHAN H R	8.23	First Class with Distinction

16	1RV19ET019	DEEKSHITH ANANTHA	7.90	First Class with Distinction
17	1RV19ET020	DEEPAK GOWDA K	7.58	First Class
18	1RV19ET021	DEVAM BHATT	7.47	First Class
19	1RV19ET022	DHEERAJ V C	8.87	First Class with Distinction
20	1RV19ET023	FATEMA ABBAS LOKHANDWALA	8.34	First Class with Distinction
21	1RV19ET024	GUJJULA SATHVIK	7.02	First Class
22	1RV19ET025	JAMMALAMADUGU SHAIK TAUFEEQ AHMED	7.92	First Class with Distinction
23	1RV19ET026	KOTHA NAGA VENKATA SAI CHARAN	6.67	Second Class
24	1RV19ET028	MALLIKARJUN G	8.05	First Class with Distinction
25	1RV19ET029	MAMATA MANJUNATH NAIK	7.58	First Class
26	1RV19ET030	MANAS GOYAL	7.89	First Class with Distinction
27	1RV19ET032	MEGHA P	8.36	First Class with Distinction
28	1RV19ET033	MEGHANA K S	6.81	First Class
29	1RV19ET034	MUKUL DEV CHOUDHARY	8.06	First Class with Distinction
30	1RV19ET035	NAGAVIKA TULSIDAS KAMAT	8.13	First Class with Distinction
31	1RV19ET036	PRASANSA JAISWAL	7.34	First Class
32	1RV19ET037	PRATIK AGARWALL	8.27	First Class with Distinction
33	1RV19ET038	PRERANA M	8.15	First Class with Distinction
34	1RV19ET039	RACHANA B	7.18	First Class
35	1RV19ET040	RAHUL H P	8.13	First Class with Distinction
36	1RV19ET041	RASVI RANJAN MALIGI	6.75	First Class
37	1RV19ET042	RIDDHI L	7.98	First Class with Distinction
38	1RV19ET045	ROHIT KUMAR	7.66	First Class
39	1RV19ET046	SAGAR H M	7.25	First Class
40	1RV19ET047	SAHIL AHUJA	7.59	First Class
41	1RV19ET048	SAI TEJA RAMAGIRI	7.97	First Class with Distinction
42	1RV19ET050	SAMUDYATA A	8.82	First Class with Distinction

43	1RV19ET051	SHASWAT VALIVATI	8.08	First Class with Distinction
44	1RV19ET052	SHREEPUNYA JAGATE	7.79	First Class with Distinction
45	1RV19ET055	SUMUKHA S SRIVATSA	8.96	First Class with Distinction
46	1RV19ET056	SURBHI CHOUDHARY	8.54	First Class with Distinction
47	1RV19ET057	T R SAJID HAMEED	7.26	First Class
48	1RV19ET058	TEJAS MEHTA	7.18	First Class
49	1RV19ET059	THANMAYEE REDDY K	7.10	First Class
50	1RV19ET063	YUKTHA SHREE H I	7.26	First Class
51	1RV19ET064	HITHAISHI SURENDRA	8.26	First Class with Distinction
52	1RV19ET065	S BHUVANA	8.51	First Class with Distinction
53	1RV19ET066	DIPESH PARERIYA N	8.14	First Class with Distinction
54	1RV20ET400	AKSHITHA S	7.54	First Class
55	1RV20ET402	ANJALI M	7.39	First Class
56	1RV20ET403	KEERTHANA M V	7.60	First Class
57	1RV20ET405	SHREYAS K G	6.86	First Class

Graduate List (2022-23)				
Sl.No	**USN**	**NAME**	**CGPA**	**CLASS**
1	1RV19IM001	ABDULLA	7.25	First Class
2	1RV19IM002	ADITYA K S	7.26	First Class
3	1RV19IM003	AKSHAY S NAIR	5.52	Pass Class
4	1RV19IM005	AMRUTH MADHUSUDHAN	8.05	First Class with Distinction
5	1RV19IM006	ANIMESH KUMAR	6.81	First Class
6	1RV19IM007	ANJALI B	8.46	First Class with Distinction
7	1RV19IM008	ANJALI J	6.54	Second Class
8	1RV19IM011	BRINDA SAI	9.39	First Class with Distinction
9	1RV19IM012	CHAITHANYA M GOWDA	8.23	First Class with Distinction
10	1RV19IM014	D R KEERTHANA	6.89	First Class
11	1RV19IM015	DEEPAK RAJ D	7.58	First Class

12	1RV19IM016	DHANUSH R	7.08	First Class
13	1RV19IM017	EDWIN BENEDICT T	7.51	First Class
14	1RV19IM018	G DEEPIKA	8.06	First Class with Distinction
15	1RV19IM021	HARSHIT PANSARI	7.59	First Class
16	1RV19IM022	HARSHITHA M	8.88	First Class with Distinction
17	1RV19IM023	HIRANMAYI NIRANJAN	9.22	First Class with Distinction
18	1RV19IM025	ISHAAN J SHETTY	6.76	First Class
19	1RV19IM026	KARTIK ANSHUMAN VYAKARANAM	8.66	First Class with Distinction
20	1RV19IM027	KISHOR K	7.35	First Class
21	1RV19IM028	KOTAPATI PRANAVI	7.78	First Class with Distinction
22	1RV19IM029	MAITHREYA B	7.70	First Class
23	1RV19IM030	MANISH KASWAN	8.01	First Class with Distinction
24	1RV19IM031	MOHIT AGARWAL	8.58	First Class with Distinction
25	1RV19IM032	MOHIT KUMAR NIGAM	7.89	First Class with Distinction
26	1RV19IM033	MRINAL ANAND	8.19	First Class with Distinction
27	1RV19IM035	MUTHAKANA YAGNEESH WAR REDDY	7.62	First Class
28	1RV19IM036	NAVYA MISHRA	7.69	First Class
29	1RV19IM037	NAYAN SHASHANK A V	8.19	First Class with Distinction
30	1RV19IM038	NISHANT DANIEL	6.45	Second Class
31	1RV19IM039	P R BADRINATH	8.05	First Class with Distinction
32	1RV19IM040	PRAJITH KUMAR V	7.33	First Class
33	1RV19IM041	PRAJWAL P N	6.15	Second Class
34	1RV19IM042	PRAJWAL S KURTKOTI	6.44	Second Class
35	1RV19IM043	PRANEET BANERJEE	8.23	First Class with Distinction
36	1RV19IM047	RITIK PABBARAJU	8.16	First Class with Distinction
37	1RV19IM048	RODDAM AJITH SREENIVAS	7.75	First Class with Distinction
38	1RV19IM049	S BHARATH PRAKASH	7.40	First Class

39	1RV19IM051	SHACHIKA THANIGAIVELU	8.78	First Class with Distinction
40	1RV19IM052	SHIKHAR KUMAR PANDEY	7.07	First Class
41	1RV19IM053	SHIVAANI N	7.17	First Class
42	1RV19IM055	SHUBH TIWARI	7.41	First Class
43	1RV19IM056	SHYAMALA BABU C S	7.51	First Class
44	1RV19IM058	SRIYANSH HETAMSARIA	8.42	First Class with Distinction
45	1RV19IM059	UHA KRISHNAN V	8.91	First Class with Distinction
46	1RV19IM060	VENKATESH H M	6.15	Second Class
47	1RV19IM061	VIGNESH SHARAN PORKODIAN BABU	6.39	Second Class
48	1RV19IM064	RAGHAV KHANDELWAL	7.58	First Class
49	1RV19IM065	RIBHU SAHNI	7.75	First Class with Distinction
50	1RV20IM400	BASANAGOUDA GIRIYAPPAGOUDRA	7.43	First Class
51	1RV20IM401	JAMBUKESWARA	7.57	First Class
52	1RV20IM402	KIRAN D	7.20	First Class
53	1RV20IM404	PRASHANTH M U	7.62	First Class

Graduate List (2022-23)				
Sl.No	**USN**	**NAME**	**CGPA**	**CLASS**
1	1RV19IS001	ABHIRAM SRIVATHSA K H	8.59	First Class with Distinction
2	1RV19IS002	AKASH KALMESH HIREMATH	9.56	First Class with Distinction
3	1RV19IS003	AKASH SHETTY	9.49	First Class with Distinction
4	1RV19IS004	AKSHAY A KUMAR	8.81	First Class with Distinction
5	1RV19IS005	AMEYA MAHADEV GONAL	9.10	First Class with Distinction
6	1RV19IS006	ANIMESH SINGH	8.57	First Class with Distinction
7	1RV19IS007	ANURAG ASHISH KHOT	8.85	First Class with Distinction
8	1RV19IS009	ARUN KUMAR S L	7.63	First Class
9	1RV19IS010	ATHARV PRASHANT WANI	8.62	First Class with Distinction
10	1RV19IS011	AYUSH GAUTAM	6.66	Second Class

11	1RV19IS012	AYUSH GUPTA	8.33	First Class with Distinction
12	1RV19IS013	B CHIRAG BALIGA	8.86	First Class with Distinction
13	1RV19IS016	CHANDANA J	8.21	First Class with Distinction
14	1RV19IS017	CHIRAG K SHETTY	8.39	First Class with Distinction
15	1RV19IS019	GORLA CHARAN SAI CHOWDARY	8.91	First Class with Distinction
16	1RV19IS020	HARSHIT HANDA	8.86	First Class with Distinction
17	1RV19IS021	K A SUMUKH	8.89	First Class with Distinction
18	1RV19IS023	KETAN VAISH	9.33	First Class with Distinction
19	1RV19IS024	KHUSHI S L	8.67	First Class with Distinction
20	1RV19IS025	KUSHAGRA GUPTA	7.95	First Class with Distinction
21	1RV19IS026	KUSHAGRA JAIN	7.99	First Class with Distinction
22	1RV19IS027	MOHAMMED ABDUL RAZAK WAHAB	8.67	First Class with Distinction
23	1RV19IS028	MONIKA S	8.81	First Class with Distinction
24	1RV19IS029	N M NISHANT	8.40	First Class with Distinction
25	1RV19IS030	NACHIKETA NALIN	8.54	First Class with Distinction
26	1RV19IS031	NIDHI H HALAPPANAVAR	9.55	First Class with Distinction
27	1RV19IS032	NIKHIL SANDILYA	8.45	First Class with Distinction
28	1RV19IS035	O S SUMUKH	8.88	First Class with Distinction
29	1RV19IS036	PRASHANT ABBI	8.81	First Class with Distinction
30	1RV19IS037	PRINSON FERNANDES	9.54	First Class with Distinction
31	1RV19IS038	RACHITA AGARWAL	7.62	First Class
32	1RV19IS039	RAJOT SAHA	7.42	First Class
33	1RV19IS040	RISHABH R	8.82	First Class with Distinction
34	1RV19IS041	RISHABH SHARMA	8.29	First Class with Distinction

35	1RV19IS043	RONIT HARISHKUMAR AGARWAL	8.90	First Class with Distinction
36	1RV19IS044	S ADVAITH	8.95	First Class with Distinction
37	1RV19IS045	SAGAR SHARMA	7.03	First Class
38	1RV19IS046	SAHIL SHARMA	8.73	First Class with Distinction
39	1RV19IS047	SENTHOORAN B	9.09	First Class with Distinction
40	1RV19IS048	SHAKTHI SAGAR M	8.38	First Class with Distinction
41	1RV19IS049	SHIVAM PRAJAPATI	9.49	First Class with Distinction
42	1RV19IS050	SHIVANAND	7.75	First Class with Distinction
43	1RV19IS051	SHIVANAND SUNAGAR	8.54	First Class with Distinction
44	1RV19IS053	SRI CHANDANA K	7.37	First Class
45	1RV19IS054	SRI VISHNU D	9.01	First Class with Distinction
46	1RV19IS055	SRIHARI C	9.23	First Class with Distinction
47	1RV19IS056	SRIJAN DEVNATH	7.85	First Class with Distinction
48	1RV19IS057	SRIRAM BALAKRISHNA	7.71	First Class
49	1RV19IS058	SURAJ RAJSHEKHAR MUKKANNAVAR	7.51	First Class
50	1RV19IS059	TARUN SRIVATSA V S	8.99	First Class with Distinction
51	1RV19IS060	UDAY A S	8.29	First Class with Distinction
52	1RV19IS061	VAIBHAV PORWAL	8.58	First Class with Distinction
53	1RV19IS062	VARSHINI L	7.79	First Class with Distinction
54	1RV19IS063	VIKRAM SHENOY	8.67	First Class with Distinction
55	1RV19IS064	VINAYAK KRISHAN PRASAD	8.77	First Class with Distinction
56	1RV19IS065	DANDAVATI SUHAS	8.71	First Class with Distinction
57	1RV19IS066	SHIVA SHASHANK DHAVALA	9.21	First Class with Distinction
58	1RV19IS067	MOHAMMED IHTESHAM	9.00	First Class with Distinction

59	1RV20IS400	G CHANNA BASAVA	6.99	First Class
60	1RV20IS401	GURUPRASAD K	7.97	First Class
61	1RV20IS402	NAGARAJ SHRIKRISHNA HEGDE	7.79	First Class
62	1RV20IS403	PRIYA KUMARI	6.54	Second Class
63	1RV20IS404	SUSHMITHA S	6.60	Second Class
64	1RV20IS405	VIGNESH	7.61	First Class

Graduate List (2022-23)				
Sl.No	**USN**	**NAME**	**CGPA**	**CLASS**
1	1RV18ME018	ANIRUDH ARUN DURG	6.91	First Class
2	1RV19ME001	AADVIK JAIN	7.22	First Class
3	1RV19ME002	ABHISHEK ALVA	8.94	First Class with Distinction
4	1RV19ME003	ABHISHEK HULLUR	8.54	First Class with Distinction
5	1RV19ME004	ABHISHEK PRAKASH PATTAR	7.75	First Class with Distinction
6	1RV19ME005	ABHISHEK SHETTY	9.22	First Class with Distinction
7	1RV19ME006	ADHIL CHOUDHARY	7.96	First Class with Distinction
8	1RV19ME008	ADITYA SHYAM ROSHAN	7.61	First Class
9	1RV19ME010	AKSHAY SHIVANAND SHETTAR	7.76	First Class with Distinction
10	1RV19ME011	AKSHIT TYAGI	6.93	First Class
11	1RV19ME012	AMAN KUMAR AGARWALA	6.76	First Class
12	1RV19ME013	AMITH SHEKHAR GATTY	8.58	First Class with Distinction
13	1RV19ME014	ANAND B PATIL	7.87	First Class with Distinction
14	1RV19ME015	ANANYA U ACHAR	7.86	First Class with Distinction
15	1RV19ME016	ANJAN B V	7.95	First Class with Distinction
16	1RV19ME019	ANURAG	8.23	First Class with Distinction
17	1RV19ME020	ANVESHA YADAV	8.38	First Class with Distinction
18	1RV19ME021	ARIF GULLOLI	7.83	First Class with Distinction

19	1RV19ME022	ARJUN ANAND BHARADWAJ	8.23	First Class with Distinction
20	1RV19ME023	ARNAB TEWARY	6.26	Second Class
21	1RV19ME024	ARUNKUMAR D S	6.77	First Class
22	1RV19ME025	ARYAN G S	6.84	First Class
23	1RV19ME026	ASHMIT PRAJAPATI	8.70	First Class with Distinction
24	1RV19ME028	AYAN ATAL	9.15	First Class with Distinction
25	1RV19ME029	AYUSH SHARMA	8.56	First Class with Distinction
26	1RV19ME031	BASAPATHI SAI SRI VASTAV	7.49	First Class
27	1RV19ME033	BHUVAN KOULAGI	6.87	First Class
28	1RV19ME034	BURLE NAGA SAI KRISHNA VAMSI	7.95	First Class with Distinction
29	1RV19ME036	C MANJUNATH	7.67	First Class
30	1RV19ME037	CHAMAN S	8.10	First Class with Distinction
31	1RV19ME038	CHINCHOLI HRISHIKESH MAHESH	6.78	First Class
32	1RV19ME039	D PANKAJ	7.47	First Class
33	1RV19ME040	DARSHAN C	7.75	First Class with Distinction
34	1RV19ME041	DARSHAN M N	7.97	First Class with Distinction
35	1RV19ME042	DEEKSHA BHARATH	8.44	First Class with Distinction
36	1RV19ME043	DESHMUKH SIDDHESH SUDHIR	7.29	First Class
37	1RV19ME045	DHRUV KHATRI	7.34	First Class
38	1RV19ME046	G YASHIV BALA	7.86	First Class with Distinction
39	1RV19ME047	GAGAN K	8.62	First Class with Distinction
40	1RV19ME048	GURUGANESH MADDODI	8.91	First Class with Distinction
41	1RV19ME049	GURUPRASAD NIRWANI KABADAGI	7.87	First Class with Distinction
42	1RV19ME050	GURUSHARAN GOGGA	7.74	First Class
43	1RV19ME051	HARISH R NANDANI	7.95	First Class with Distinction
44	1RV19ME053	HRISHIKESH DAS	8.82	First Class with Distinction
45	1RV19ME054	ISHAAN PANDIT	8.44	First Class with Distinction

46	1RV19ME055	JEEVAN RAJ	7.00	First Class
47	1RV19ME056	JOSHI GARVIT	8.75	First Class with Distinction
48	1RV19ME057	JOSHI PRADYUMNA NARENDRA	7.71	First Class
49	1RV19ME059	KARTHIKSAI SRIDHAR	7.59	First Class
50	1RV19ME060	KARTIK NAVALGUND	7.60	First Class
51	1RV19ME061	KAUSHIK S	7.63	First Class
52	1RV19ME062	KRISHNA M GAVALI	7.62	First Class
53	1RV19ME064	MALIK KALANDAR MULLA	9.34	First Class with Distinction
54	1RV19ME065	MALLIKARJUN DESAI	8.59	First Class with Distinction
55	1RV19ME066	MALLIKARJUN MAHAJANSHETTI	8.65	First Class with Distinction
56	1RV19ME067	MALLINATH	7.88	First Class with Distinction
57	1RV19ME068	MAYAPPA MANVAR	8.22	First Class with Distinction
58	1RV19ME069	MEETH M PAREKH	7.47	First Class
59	1RV19ME070	MONU KUMAR	8.42	First Class with Distinction
60	1RV19ME071	NACHIKETHA B N	8.57	First Class with Distinction
61	1RV19ME073	NEERAJ SHRIGIRI	7.24	First Class
62	1RV19ME074	NISCHITH S THAMMAIAH	7.93	First Class with Distinction
63	1RV19ME077	PRANAV A	8.53	First Class with Distinction
64	1RV19ME079	PRATIK HANDI	8.28	First Class with Distinction
65	1RV19ME080	PRATIK SEETHARAM	9.21	First Class with Distinction
66	1RV19ME081	PURVIK V GOWDA	7.08	First Class
67	1RV19ME083	RAHUL SATHEESH NAIR	7.27	First Class
68	1RV19ME084	RAKSHITH A PUTTASWAMY	8.51	First Class with Distinction
69	1RV19ME086	REVANNA CHANDRAKANT RAMAGONATTI	8.13	First Class with Distinction
70	1RV19ME087	RITHWIK SHANKAR RAJ	9.33	First Class with Distinction
71	1RV19ME088	RITIK AGRAWAL	7.08	First Class
72	1RV19ME089	RITVIK ARYA	8.62	First Class with Distinction

73	1RV19ME090	ROHAN GANGA DEB	7.80	First Class with Distinction
74	1RV19ME091	SAANVI SINGH NARWAL	6.60	Second Class
75	1RV19ME093	SAMEER KUDURYAL	7.08	First Class
76	1RV19ME094	SAMPATKUMAR MANTUR	7.78	First Class with Distinction
77	1RV19ME095	SAMPREET DINAKAR NAYAK	8.89	First Class with Distinction
78	1RV19ME096	SARTHAK DAVE	8.54	First Class with Distinction
79	1RV19ME097	SATHISH M	7.45	First Class
80	1RV19ME098	SHARANABASU D KOTTALAGI	7.45	First Class
81	1RV19ME099	SHIKHAR SAXENA	8.01	First Class with Distinction
82	1RV19ME101	SHREYAS HAVALDAR	8.30	First Class with Distinction
83	1RV19ME102	SHREYAS LAXMAN JOGIN	7.47	First Class
84	1RV19ME105	SKANDA R	8.63	First Class with Distinction
85	1RV19ME106	SOHEL	6.53	Second Class
86	1RV19ME108	SRIDHAR	7.22	First Class
87	1RV19ME110	SUHAN MASCARENHAS	7.62	First Class
88	1RV19ME112	TARINI ATHICOM	7.72	First Class
89	1RV19ME113	TUMMALA RUPESH KUMAR	8.39	First Class with Distinction
90	1RV19ME114	ULLAS GOWDA G K	7.18	First Class
91	1RV19ME115	UTKARSH GOENKA	8.79	First Class with Distinction
92	1RV19ME118	VENKATANARASIMHA G HEGDE	9.57	First Class with Distinction
93	1RV19ME119	VIJAYAKUMARA S	8.20	First Class with Distinction
94	1RV19ME120	VINAYAK U NAVALAGI	7.07	First Class
95	1RV19ME122	VITTAL BHAGIRATH PAI	7.93	First Class with Distinction
96	1RV19ME123	YASHAS R	7.21	First Class
97	1RV19ME124	YASHASWI RAJ	7.41	First Class
98	1RV19ME125	YELLAMPALLI SUJITH KUMAR REDDY	8.40	First Class with Distinction
99	1RV19ME126	YOGESH R	7.58	First Class
100	1RV19ME127	PRATIK YADAV	7.55	First Class

101	1RV19ME128	RITIKA PANDEY	7.55	First Class
102	1RV19ME129	CHINMAI S SHIVARU	8.43	First Class with Distinction
103	1RV19ME130	T M SHREYAS	8.25	First Class with Distinction
104	1RV19ME131	MARRI PRUTHVI KRISHNA	7.18	First Class
105	1RV20ME400	HRUTU MAHESH BASTAWADKAR	7.63	First Class
106	1RV20ME401	KARTHICK S	8.24	First Class with Distinction
107	1RV20ME402	KARTHIK A ARER	8.07	First Class with Distinction
108	1RV20ME404	OMKAR ASHOK KUCHANUR	8.32	First Class with Distinction
109	1RV20ME405	PARASURAM	7.32	First Class
110	1RV20ME406	PRADEEPA S	8.04	First Class with Distinction
111	1RV20ME407	PRATEEK G JARALI	8.20	First Class with Distinction
112	1RV20ME408	RAJESH GOWDA PATIL	8.05	First Class with Distinction
113	1RV20ME409	SHIVANAND HOSUR	8.18	First Class with Distinction
114	1RV20ME410	SHRIKANT POOJAR	8.24	First Class with Distinction
115	1RV20ME411	SRIDHARA S	8.76	First Class with Distinction

RV COLLEGE OF ENGINEERING		
List of students eligible for BE (Honours) Degree		
Total - 29 students		
BIOTECHNOLOGY		
SL NO	**USN**	**STUDENT NAME**
1	1RV19BT001	AAKAANKSHA KAUL
2	1RV19BT007	ASHLY BINOY
3	1RV19BT020	JOANNA NICOLE D SOUZA
4	1RV19BT056	VIBHA R
INDUSTRIAL ENGINEERING & MANAGEMENT		
SL NO	**USN**	**STUDENT NAME**
1	1RV19IM011	BRINDA SAI
2	1RV19IM022	HARSHITHA M
3	1RV19IM023	HIRANMAYI NIRANJAN
4	1RV19IM051	SHACHIKA THANGAIVELU
5	1RV19IM059	UHA KRISHNAN V
MECHANICAL ENGINEERING		
SL NO	**USN**	**STUDENT NAME**
1	1RV19ME002	ABHISHEK ALVA
2	1RV19ME013	AMITH SHEKHAR GATTY
3	1RV19ME042	DEEKSHA BHARATH
4	1RV19ME047	GAGAN K
5	1RV19ME048	GURUGANESH MADDODI
6	1RV19ME053	HRISHIKESH DAS
7	1RV19ME064	MALIK KALANDAR MULLA
8	1RV19ME087	RITHWIK SHANKAR RAJ
9	1RV19ME095	SAMPREET DINAKAR NAYAK
10	1RV19ME115	UTKARSH GOENKA
11	1RV19ME118	VENKATANARASIMHA G HEGDE
12	1RV19ME129	CHINMAI S SHIVARU
COMPUTER SCIENCE & ENGINEERING		
SL NO	**USN**	**STUDENT NAME**

1	1RV19CS011	AKSHAY MAMMEN KOSHY
2	1RV19CS025	ARYN BARMAN
3	1RV19CS040	CHARAN M R
4	1RV19CS053	GAURAV YELLURU
5	1RV19CS151	SHRAVASTI SARKAR
6	1RV19CS152	SHRAVYA DASU
7	1RV19CS176	V A SRIRAM PRAVEEN
AEROSPACE ENGINEERING		
SL NO	**USN**	**STUDENT NAME**
1	1RV19AS011	B C LIKHITH MADHAV

RV College of Engineering®
Mysore Road, RV Vidyaniketan Post,
Bengaluru - 560059, Karnataka, India

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Affiliated to Visvesvaraya
Technological University,
Belagavi

Approved by AICTE,
New Delhi

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Proceedings of the
37th Academic Council Meeting (By Circulation)
Dt. 27th Feb. 2024

R.V. COLLEGE OF ENGINEERING * BANGALORE-59 *

RV College of Engineering®

Principal RVCE <principal@rvce.edu.in>

Approval of Rank List & Provisional List of PG Graduate Students-2023_ RVCE _ 37th Academic Council Meeting (By Circulation) Dt. 27-2-2024

20 messages

Principal RVCE <principal@rvce.edu.in> Tue, Feb 27, 2024 at 5:22 PM
To: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, Ravindra R <ravindrar@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, EEE <hod.ee@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, ME <hod.me@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Prasad Rampure <rampureprasad@gmail.com>, Dean SOCSE <deansocse@rvu.edu.in>, TIRUNELVELI PARASURAMAN <trparasu@gmail.com>, Minal Moharir <minalmoharir@rvce.edu.in>, Promio Charles F <promiocharlesf@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>

Dear Sir / Madam,

Please find attached herewith the PG Rank List and Graduate List (M.Tech & MCA) for the passing out batch of 2021-23 PG students.

Sub. No.	Agenda Details
301	Approval of PG Rank List and Graduate List (M.Tech & MCA programs) for the passing out batch of PG programs (2021-23) students.
302	*Subject for information:* Result Analysis of M.Tech & MCA programs of 2021-2023 batch.

We seek the approval from the Academic Council members for the PG Rank List and Graduate List (M.Tech & MCA) of the passing out batch of PG students, for the award of provisional degree. There are totally **369 students (338-regular & 31 others)** who are eligible to receive the provisional degree certificate.

Kindly provide your consent by the return email at the earliest.

This will be ratified in the next Academic Council Meeting.

With kind regards

Member Secretary
Academic Council
RV College of Engineering
Bengaluru-560059.

Member Secretary
Academic Council
RV College of Engineering (Autonomous)
Bangalore-560059

2 attachments

Sub No_301_Approval of Rank List and Graduate List _PG-M.Tech,MCA_2023.xlsx
35K

Sub No_302_Result Analysis-M.Tech, MCA_2023.xlsx
16K

Minal Moharir <minalmoharir@rvce.edu.in> Tue, Feb 27, 2024 at 8:38 PM
To: Principal RVCE <principal@rvce.edu.in>

I am giving my consent for the same.

Thanks & Regards,
[Quoted text hidden]

Dr Minal Moharir
Professor
Dept of Computer Science & Engineering,
R V College of Engineering,
Bengaluru-560059
Mob: +91 9880036062

Sridhar R. <sridharr@rvce.edu.in> Tue, Feb 27, 2024 at 8:39 PM
To: Principal RVCE <principal@rvce.edu.in>

Dear Sir,
I hereby express my consent regarding the rank list and graduate list of PG students attached with this mail.

With Regards

Dr .Sridhar R
Department of Mechanical Engineering
R.V.College of Engineering
Cell: +91 09740-400717

"Save Paper. Print Only If You Must! Save a tree."

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

Dr. Sanjay Chitnis Dean, SOCSE <deansocse@rvu.edu.in> Tue, Feb 27, 2024 at 8:58 PM
To: Principal RVCE <principal@rvce.edu.in>
Cc: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, Ravindra R <ravindrar@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, EEE <hod.ee@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, ME <hod.me@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Prasad Rampure <rampureprasad@gmail.com>, TIRUNELVELI PARASURAMAN <trparasu@gmail.com>, Minal Moharir <minalmoharir@rvce.edu.in>, Promio Charles F <promiocharlesf@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>

Dear Sir,

Congrats to the rank holders and the graduates!

This is approved from my side.

[Quoted text hidden]

Dr. M.H.Kori <mhkori@gmail.com> Wed, Feb 28, 2024 at 1:37 AM
To: Principal RVCE <principal@rvce.edu.in>
Cc: AE <hod.ae@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, Dean SOCSE <deansocse@rvu.edu.in>, Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, EEE <hod.ee@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, ME <hod.me@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Minal Moharir <minalmoharir@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, Prasad Rampure <rampureprasad@gmail.com>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Promio Charles F <promiocharlesf@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, Ravindra R <ravindrar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, TIRUNELVELI PARASURAMAN <trparasu@gmail.com>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>

Thanks. I am approving the Graduate and Rank list.
Congratulations to all Rank holders and Graduating students.

Thanks

Dr. M.H.Kori
IETE Distinguished Fellow,
Technology Advisor, SAGE USA,
Former Technical Director, Alcatel-Lucent Technologies,
Former Consultant - Telecom Standards Development Society India (TSDSI)
Technology Consultant,
Former Co-Chair, IEEE ED & MTT Society India,
Former Chairman IMAPS India,
520, 11th 'A' Cross, R.M.V. Extension, Sadashivanagar,
Bangalore 560080
Mobile: +91-93425-93876

"it is never too late to be what you might have been"

[Quoted text hidden]

BIOTECHNOLOGY RVCE <hod.bt@rvce.edu.in> Wed, Feb 28, 2024 at 9:28 AM
To: Principal RVCE <principal@rvce.edu.in>

Dear Sir,

The department has verified the PG rank list and is found correct and is approved.

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

Dr. Vidya Niranjan
Professor & HOD.
Department of Biotechnology,
R V College of Engineering,
Bengaluru - 560059
Ph: 080 68188159

TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in> Wed, Feb 28, 2024 at 9:49 AM
To: Principal RVCE <principal@rvce.edu.in>

dear sir

The list of graduating students, rank holders and result analysis of M Tech DC and MTech RF are approved from my side.
With Thanks and Regards

Dr. K. Sreelakshmi
Professor and HoD
Dept.of Telecommunication Engg.
RVCE, Bangalore
Ph: 9845530311
Off:080-68188213/14

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

HOD Dept. of CS, RVCE <hod.cse@rvce.edu.in> Wed, Feb 28, 2024 at 12:19 PM
To: Principal RVCE <principal@rvce.edu.in>
Cc: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, Ravindra R <ravindrar@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, EEE <hod.ee@rvce.edu.in>, ME <hod.me@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Prasad Rampure <rampureprasad@gmail.com>, Dean SOCSE <deansocse@rvu.edu.in>, TIRUNELVELI PARASURAMAN <trparasu@gmail.com>, Minal Moharir <minalmoharir@rvce.edu.in>, Promio Charles F <promiocharlesf@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>

Dear Sir,
This is approved from my side.
Thanks with regards
Dr. Ramakanthkumar. P
Prof. & HoD, CSE Dept.,
Senior Member IEEE, ACM Member
R V College of Engineering
Bangalore-560059
Phno(off) : 080-68188200
Mobile: 9886309520

Vision

To achieve leadership in the field of Computer Science & Engineering by strengthening fundamentals and facilitating interdisciplinary sustainable research to meet the ever growing needs of the society.

Mission

- To evolve continually as a centre of excellence in quality education in computers and allied fields.
- To develop state-of-the-art infrastructure and create environment capable for interdisciplinary research and skill enhancement.
- To collaborate with industries and institutions at national and international levels to enhance research in emerging areas.
- To develop professionals having social concern to become leaders in top-notch industries and/or become entrepreneurs with good ethics.

Program Educational Objectives (PEOs)

PEO1: Develop Graduates capable of applying the principles of mathematics, science, core engineering and Computer Science to solve real-world problems in interdisciplinary domains.

PEO2: To develop the ability among graduates to analyze and understand current pedagogical techniques, industry accepted computing practices and state-of-art technology.

PEO3: To develop graduates who will exhibit cultural awareness, teamwork with professional ethics, effective communication skills and appropriately apply knowledge of societal impacts of computing technology.

PEO4: To prepare graduates with a capability to successfully get employed in the right role / become entrepreneurs to achieve higher career goals or take-up higher education in pursuit of lifelong learning

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

Dr. Sanjay Chitnis Dean, SOCSE <deansocse@rvu.edu.in> Wed, Feb 28, 2024 at 1:06 PM
To: principal@rvce.edu.in

Dr. Sanjay R Chitnis
Dean - School of Computer Science and Engineering
RV University,
Tel: +91 80 6819 9910

---------- Forwarded message ---------
From: **Shivakumar M.S.** <msskumar50@gmail.com>
Date: Tue, Feb 27, 2024 at 9:39 PM
Subject: Re: Approval of Rank List & Provisional List of PG Graduate Students-2023_ RVCE _ 37th Academic Council Meeting (By Circulation) Dt. 27-2-2024
To: Dr. Sanjay Chitnis Dean, SOCSE <deansocse@rvu.edu.in>

Please accept my approval for the above lists.

Prof. M. S. Shivakumar,
Mysore
[Quoted text hidden]

RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in> Thu, Feb 29, 2024 at 9:04 AM
To: Principal RVCE <principal@rvce.edu.in>
Cc: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, Ravindra R <ravindrar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, EEE <hod.ee@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, ME <hod.me@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Prasad Rampure <rampureprasad@gmail.com>, Dean SOCSE <deansocse@rvu.edu.in>, TIRUNELVELI PARASURAMAN <trparasu@gmail.com>, Minal Moharir <minalmoharir@rvce.edu.in>, Promio Charles F <promiocharlesf@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>

Dear Sir,
This is approved from my end.
[Quoted text hidden]

ELECTRONICS & COMMUNICATION ENGINEERING, RVCE <hod.ec@rvce.edu.in> Thu, Feb 29, 2024 at 9:28 AM

To: Principal RVCE <principal@rvce.edu.in>
Cc: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, Ravindra R <ravindrar@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, EEE <hod.ee@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, ME <hod.me@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Prasad Rampure <rampureprasad@gmail.com>, Dean SOCSE <deansocse@rvu.edu.in>, TIRUNELVELI PARASURAMAN <trparasu@gmail.com>, Minal Moharir <minalmoharir@rvce.edu.in>, Promio Charles F <promiocharlesf@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>

Sir,
good morning and approved

On Tue, 27 Feb, 2024, 5:22 pm Principal RVCE, <principal@rvce.edu.in> wrote:
[Quoted text hidden]

Prasad Rampure <rampureprasad@gmail.com> Thu, Feb 29, 2024 at 9:45 AM
To: Principal RVCE <principal@rvce.edu.in>

Dear Sir,
This is approved from my end

[Quoted text hidden]
--
Dr. Prasad B Rampure,
Principal,
KLE College of Engineering & Technology,
Chikodi - 591201, Belagavi

Email ID: rampure prasad@gmail.com
Mobile: +91 99807 05776

Mathirajan Muthu <msdmathi@iisc.ac.in> Thu, Feb 29, 2024 at 10:05 AM
To: "principal@rvce.edu.in" <principal@rvce.edu.in>, Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, Ravindra R <ravindrar@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, EEE <hod.ee@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, ME <hod.me@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Prasad Rampure <rampureprasad@gmail.com>, Dean SOCSE <deansocse@rvu.edu.in>, TIRUNELVELI PARASURAMAN <trparasu@gmail.com>, Minal Moharir <minalmoharir@rvce.edu.in>, Promio Charles F <promiocharlesf@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>

Dear professor

I am agreeing completely the results and the rank list.

Regards

Dr. M Mathirajan
Department of Management Studies
Faculty of Engineering
Indian Institute of Science
Bangalore 560012
Phone : 99456 68905
Email: iiscmathi@gmail.com

From: Principal RVCE <principal@rvce.edu.in>
Sent: Tuesday, February 27, 2024 5:22 PM
To: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>; Dean Academics <dean.academics@rvce.edu.in>; Prof. G. Sadashivappa <sadashivappag@rvce.edu.in>; Dr. M.H. Kori <mhkori@gmail.com>; Ravindra R <ravindrar@rvce.edu.in>; RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>; Renuka Prasad B. <renukaprasadb@rvce.edu.in>; Gopala Krishna H.D <gopalakrishnahd@rvce.edu.in>; TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>; HOD Dept. of Civil, RVCE <hod.cv@rvce.edu.in>; EEE <hod.ee@rvce.edu.in>; CSE <hod.cse@rvce.edu.in>; ME <hod.me@rvce.edu.in>; BT <hod.bt@rvce.edu.in>; CH <hod.ch@rvce.edu.in>; CHY <hod.chemistry@rvce.edu.in>; MAT <hod.maths@rvce.edu.in>; PHY <hod.physics@rvce.edu.in>; AE <hod.ae@rvce.edu.in>; RVCE <hod.ec@rvce.edu.in>; EIE <hod.it@rvce.edu.in>; MCA <director-mca@rvce.edu.in>; IEM <hod.im@rvce.edu.in>; ISE <hodise@rvce.edu.in>; Dr. K.N. Subramanya <subramanyakn@rvce.edu.in>; Mathirajan Muthu <msdmathi@iisc.ac.in>; renukadevimv <renukadevimv@rvce.edu.in>; rvce-cse-prof.Naga <nagarajags@rvce.edu.in>; Mamatha G.S. <mamathags@rvce.edu.in>; Narahari <naraharins@rvce.edu.in>; HOD TE <kumaraswamyhv@rvce.edu.in>; HoD, Department of AI and ML <hod.ai@rvce.edu.in>; Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>; Prof.Shivakumar.M.S <msskumar50@gmail.com>; Martin Jebaraj <kmartin8181@yahoo.co.in>; Prasad Rampure <rampureprasad@gmail.com>; Dean SOCSE <deansocse@rvu.edu.in>; TIRUNELVELI PARASURAMAN <trparasu@gmail.com>; Minal Moharir <minalmoharir@rvce.edu.in>; Promio Charles F <promiocharlesf@rvce.edu.in>; Sridhar R. <sridharr@rvce.edu.in>
Subject: Approval of Rank List & Provisional List of PG Graduate Students-2023_ RVCE _ 37th Academic Council Meeting (By Circulation) Dt. 27-2-2024

External Email
[Quoted text hidden]

Mamatha G.S. <mamathags@rvce.edu.in> Thu, Feb 29, 2024 at 10:52 AM
To: Principal RVCE <principal@rvce.edu.in>
Cc: Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, Ravindra R <ravindrar@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, EEE <hod.ee@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, ME <hod.me@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Prasad Rampure <rampureprasad@gmail.com>, Dean SOCSE <deansocse@rvu.edu.in>, TIRUNELVELI PARASURAMAN <trparasu@gmail.com>, Minal Moharir <minalmoharir@rvce.edu.in>, Promio Charles F <promiocharlesf@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>

Dear Sir,

Hereby I confirm my approval for the 2 subjects mentioned as 301 & 302.

Regards,

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

--
Dr. G.S. Mamatha
Professor & Associate Dean (PG Studies) ,
Research Center Head (ISE),
Department of ISE,
RV COLLEGE OF ENGINEERING®
Mysore Road, Bangalore-560059
Mob. No: 9886311120

Narahari N.S. <naraharins@rvce.edu.in> Wed, Feb 28, 2024 at 1:49 PM
To: Principal RVCE <principal@rvce.edu.in>

Respected Sir,
Noted with thanks. Subjects listed approved.
Dr.N.S.Narahari
Professor ,Department of Industrial Engineering & Management
RV College of engineering
Bangalore-560059
Mobile :-9880311128
Personal E- Mail nsnarahari@gmail.com

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

ELECTRICAL & ELECTRONICS ENGINEERING RVCE <hod.ee@rvce.edu.in> Thu, Feb 29, 2024 at 11:58 AM
To: Principal RVCE <principal@rvce.edu.in>

Dear Sir,
This is approved from my end. Thanks

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

--
With Regards
Dr. S G Srivani (NITK),
FIE, Senior Member IEEE, MISTE,
Professor and Head of the Department
Associate Dean (PG Studies)
IEEE-PES RVCE SB Faculty advisor,
Electrical and Electronics Department,
RVCE, Bangalore 560059,
mob 9844327829
Phone -68188192, 8193

BIOTECHNOLOGY RVCE <hod.bt@rvce.edu.in> Thu, Feb 29, 2024 at 3:05 PM
To: Principal RVCE <principal@rvce.edu.in>

Dear Sir,

The M.Tech. Biotechnology Rank List and Result Analysis is correct for 2021-23 Batch. This is for your kind information.

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

[Quoted text hidden]

TIRUNELVELI PARASURAMAN <trparasu@gmail.com> Thu, Feb 29, 2024 at 6:13 PM
To: Principal RVCE <principal@rvce.edu.in>
Cc: AE <hod.ae@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, Dean SOCSE <deansocse@rvu.edu.in>, Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, EEE <hod.ee@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, ME <hod.me@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Minal Moharir <minalmoharir@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, PHY <hod.physics@rvce.edu.in>, Prasad Rampure <rampureprasad@gmail.com>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Promio Charles F <promiocharlesf@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, Ravindra R <ravindrar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>

Dear Member secretary

Good evening!

I approve the list .

Best wishes and Regards
Parasuraman
[Quoted text hidden]

DEPARTMENT OF PHYSICS RVCE <hod.physics@rvce.edu.in> Thu, Feb 29, 2024 at 8:39 PM
To: TIRUNELVELI PARASURAMAN <trparasu@gmail.com>
Cc: Principal RVCE <principal@rvce.edu.in>, AE <hod.ae@rvce.edu.in>, BT <hod.bt@rvce.edu.in>, CH <hod.ch@rvce.edu.in>, CHY <hod.chemistry@rvce.edu.in>, CSE <hod.cse@rvce.edu.in>, Dean Academics <dean.academics@rvce.edu.in>, Dean SOCSE <deansocse@rvu.edu.in>, Dean Student Affairs R V College of Engineering <dean.studentaffairs@rvce.edu.in>, Dr M Mathirajan <msdmathi@mgmt.iisc.ernet.in>, "Dr. K.N. Subramanya" <subramanyakn@rvce.edu.in>, "Dr. M.H. Kori" <mhkori@gmail.com>, EEE <hod.ee@rvce.edu.in>, EIE <hod.it@rvce.edu.in>, "Gopala Krishna H.D" <gopalakrishnahd@rvce.edu.in>, "HOD Dept. of Civil, RVCE" <hod.cv@rvce.edu.in>, HOD TE <kumaraswamyhv@rvce.edu.in>, "HoD, Department of AI and ML" <hod.ai@rvce.edu.in>, IEM <hod.im@rvce.edu.in>, ISE <hodise@rvce.edu.in>, MAT <hod.maths@rvce.edu.in>, MCA <director-mca@rvce.edu.in>, ME <hod.me@rvce.edu.in>, "Mamatha G.S." <mamathags@rvce.edu.in>, Martin Jebaraj <kmartin8181@yahoo.co.in>, Minal Moharir <minalmoharir@rvce.edu.in>, Narahari <naraharins@rvce.edu.in>, Prasad Rampure <rampureprasad@gmail.com>, "Prof. G. Sadashivappa" <sadashivappag@rvce.edu.in>, "Prof.Shivakumar.M.S" <msskumar50@gmail.com>, Promio Charles F <promiocharlesf@rvce.edu.in>, RAJASHREE SHETTAR <rajashreeshettar@rvce.edu.in>, RVCE <hod.ec@rvce.edu.in>, Ravindra R <ravindrar@rvce.edu.in>, "Renuka Prasad B." <renukaprasadb@rvce.edu.in>, "Sridhar R." <sridharr@rvce.edu.in>, TELECOMMUNICATION ENGINEERING RVCE <hod.tc@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>, renukadevimv <renukadevimv@rvce.edu.in>, "rvce-cse-prof.Naga" <nagarajags@rvce.edu.in>

Dear Sir,

Approved.

Thanks and regards
Dr Sudha Kamath M K
HoD, Department of Physics
RVCE, Bengaluru -56.
9480404395

[Quoted text hidden]

Industrial Engineering and Management RVCE <hod.im@rvce.edu.in> Fri, Mar 1, 2024 at 9:11 AM
To: Principal RVCE <principal@rvce.edu.in>

Dear Sir

Approved.

Thanks and Regards

On Tue, Feb 27, 2024 at 5:22 PM Principal RVCE <principal@rvce.edu.in> wrote:
[Quoted text hidden]

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Dr. C K Nagendra Guptha
Asso. Professor & HoD ,Department of Industrial Engineering & Management
[Quoted text hidden]

Sub. No. 301: Approval of PG Rank List and Graduate List (M.Tech & MCA programs) for the passing out batch of PG programs (2021-23) students.

RV COLLEGE OF ENGINEERING ®

(Autonomous Institution Affiliated to VTU, Belagavi)

The Provisional Rank and Graduate list of PG - M.Tech & MCA (2021-2023 Batch)
(Regular/Fasttrack/Special Examination)

DEPARTMENT OF BIOTECHNOLOGY
Branch: M.Tech in BIOTECHNOLOGY

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21BBT12	RAJALAXMI S	9.58	1ST
2	1RV21BBT14	SAHANA B T	9.50	2ND
3	1RV21BBT02	G PRATHEEKSHA	9.47	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21BBT01	AMRUTHA G R	8.40	FIRST CLASS WITH DISTINCTION
2	1RV21BBT03	KARKERA SHREYA GIRISH	9.20	FIRST CLASS WITH DISTINCTION
3	1RV21BBT04	MADHUSUDHAN P	9.19	FIRST CLASS WITH DISTINCTION
4	1RV21BBT05	NAIR GAYATRI JAYENDRAN	9.35	FIRST CLASS WITH DISTINCTION
5	1RV21BBT06	NAMRATA PATIL	9.15	FIRST CLASS WITH DISTINCTION
6	1RV21BBT07	NARGEES KOUSAR	9.19	FIRST CLASS WITH DISTINCTION
7	1RV21BBT09	PRATIKSHA JADHAV	8.03	FIRST CLASS WITH DISTINCTION
8	1RV21BBT10	PURUSHOTHAM RAO M	8.92	FIRST CLASS WITH DISTINCTION
9	1RV21BBT11	R SIRI	9.20	FIRST CLASS WITH DISTINCTION
10	1RV21BBT13	RAMOLA D SILVA	8.38	FIRST CLASS WITH DISTINCTION
11	1RV21BBT15	VEDANTH SHREE VIDWATH	8.69	FIRST CLASS WITH DISTINCTION
12	1RV21BBT16	VIJAYALAXMI NAGANURI	8.25	FIRST CLASS WITH DISTINCTION
13	1RV21BBT17	YASHWI SINHA	8.99	FIRST CLASS WITH DISTINCTION
14	1RV19BBT06	RAKSHITHA N	7.70	FIRST CLASS
15	1RV20BBT12	RAHUL KAMBALE	8.49	FIRST CLASS WITH DISTINCTION
16	1RV20BBT14	S MRUDULA	7.86	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF CHEMICAL ENGINEERING
Branch: M.Tech in CHEMICAL ENGINEERING

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV17HCE07	MD AMANATHULLAH KHAN	6.76	FIRST CLASS
2	1RV17HCE10	SHASHIKUMAR	7.77	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Branch: M.Tech in COMPUTER SCIENCE & ENGINEERING

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21SCS13	SHAMITHA SHRIDHAR HONNAVAR	9.64	1ST
2	1RV21SCS10	RAHUL J	9.23	2ND
3	1RV21SCS05	NAMITA RAMESH BILAGI	9.15	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21SCS01	AYESHA SAMREEN	8.08	FIRST CLASS WITH DISTINCTION
2	1RV21SCS02	KRUTHI P R	9.10	FIRST CLASS WITH DISTINCTION
3	1RV21SCS03	MAHESHWARI	8.90	FIRST CLASS WITH DISTINCTION
4	1RV21SCS04	NAGENDRA T P	8.81	FIRST CLASS WITH DISTINCTION
5	1RV21SCS06	NIHARIKA S M	7.67	FIRST CLASS
6	1RV21SCS07	POOJA J S	8.69	FIRST CLASS WITH DISTINCTION
7	1RV21SCS08	POOJITHA K	8.63	FIRST CLASS WITH DISTINCTION
8	1RV21SCS09	R SUNIL	8.67	FIRST CLASS WITH DISTINCTION
9	1RV21SCS11	SANTOSH N	8.94	FIRST CLASS WITH DISTINCTION
10	1RV21SCS12	SHAIKH MOHAMMED FAIZ	8.16	FIRST CLASS WITH DISTINCTION
11	1RV21SCS14	SHASHWAT AGARWAL	8.16	FIRST CLASS WITH DISTINCTION
12	1RV21SCS15	SHIVANI DESHPANDE	8.84	FIRST CLASS WITH DISTINCTION
13	1RV21SCS16	VIJAY RAJ P	8.56	FIRST CLASS WITH DISTINCTION
14	1RV18SCS04	J ABHISHEK PAUL	7.49	FIRST CLASS

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Branch: M.Tech in COMPUTER NETWORK ENGINEERING

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21SCN15	VIVEK B A	9.69	1ST
2	1RV21SCN14	VARSHA T	9.49	2ND
3	1RV21SCN11	SUYOG P	9.33	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21SCN01	BHARGAVA K P	8.76	FIRST CLASS WITH DISTINCTION
2	1RV21SCN02	GAUTAM R	9.17	FIRST CLASS WITH DISTINCTION
3	1RV21SCN03	HARSHA VARDHAN K	8.53	FIRST CLASS WITH DISTINCTION
4	1RV21SCN04	HEMANTH KUMAR R L	8.45	FIRST CLASS WITH DISTINCTION
5	1RV21SCN05	LAVANYA	9.18	FIRST CLASS WITH DISTINCTION
6	1RV21SCN06	MINAZ I	8.64	FIRST CLASS WITH DISTINCTION
7	1RV21SCN07	SANGEETHA S	8.68	FIRST CLASS WITH DISTINCTION
8	1RV21SCN08	SHRIHARI	8.86	FIRST CLASS WITH DISTINCTION
9	1RV21SCN09	SINCHANA P	7.93	FIRST CLASS WITH DISTINCTION
10	1RV21SCN10	SONIKA C T	8.25	FIRST CLASS WITH DISTINCTION

11	1RV21SCN12	VAISHNAVI SHRAVAN A RAJU	8.39	FIRST CLASS WITH DISTINCTION
12	1RV21SCN13	VARSHA N	8.49	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF CIVIL ENGINEERING
Branch: M.Tech in STRUCTURAL ENGINEERING

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21CSE05	HARSHA K	9.73	1ST
2	1RV21CSE11	PAVANKUMAR K	9.51	2ND
3	1RV21CSE03	BHUMIKA M R	9.44	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21CSE04	CHANDANA D P	8.66	FIRST CLASS WITH DISTINCTION
2	1RV21CSE06	HEMANTH KUMAR N S	8.16	FIRST CLASS WITH DISTINCTION
3	1RV21CSE07	LOHITH N R	9.16	FIRST CLASS WITH DISTINCTION
4	1RV21CSE09	MOHITH DHANANJAYA MURTHY	9.19	FIRST CLASS WITH DISTINCTION
5	1RV21CSE10	NIRUPAMA P N	8.99	FIRST CLASS WITH DISTINCTION
6	1RV21CSE12	PRASHANTH KUMAR	9.26	FIRST CLASS WITH DISTINCTION
7	1RV21CSE13	RAHUL	8.40	FIRST CLASS WITH DISTINCTION
8	1RV21CSE14	RAVI KUMAR V	8.89	FIRST CLASS WITH DISTINCTION
9	1RV21CSE15	SAMMED ASHOK SANKANNAVAR	9.43	FIRST CLASS WITH DISTINCTION
10	1RV21CSE16	SHAHANAWAZ NOORUDEEN GUDADUR	9.10	FIRST CLASS WITH DISTINCTION
11	1RV21CSE17	SHAMU NAIK G	8.41	FIRST CLASS WITH DISTINCTION
12	1RV21CSE18	SHIRGUPPE AKASH	8.84	FIRST CLASS WITH DISTINCTION
13	1RV16CSE09	NATARAJ K	8.38	FIRST CLASS WITH DISTINCTION
14	1RV16CSE12	RAMANNA K	8.27	FIRST CLASS WITH DISTINCTION
15	1RV20CSE05	LAXMI D BELLAGI	8.84	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF CIVIL ENGINEERING
Branch: M.Tech in HIGHWAY TECHNOLOGY

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21CHT02	GEETHANJALI S	9.23	1ST
2	1RV21CHT05	MADHU A S	9.11	2ND
3	1RV21CHT11	SHRINIDHI NARASIMHAN H V	8.74	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21CHT01	DEEKSHA V	8.30	FIRST CLASS WITH DISTINCTION
2	1RV21CHT03	KEERTI	8.36	FIRST CLASS WITH DISTINCTION
3	1RV21CHT04	KRUPASHANKARA D U	7.95	FIRST CLASS WITH DISTINCTION
4	1RV21CHT06	MATAM SANGAMESH	8.34	FIRST CLASS WITH DISTINCTION
5	1RV21CHT07	MOHAMMED FAIZAN R	7.40	FIRST CLASS
6	1RV21CHT08	RAKSHITH Y	7.48	FIRST CLASS
7	1RV21CHT09	SAIPRASAD T GOLED	7.75	FIRST CLASS WITH DISTINCTION
8	1RV21CHT10	SHIVANSH SINGH BAGHEL	8.70	FIRST CLASS WITH DISTINCTION
9	1RV21CHT12	YASHWANTH S	8.05	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF ELECTRONICS & COMMUNICATON ENGINEERING
Branch: M.Tech in COMMUNICATION SYSTEMS

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS

1	1RV21LCS01	A H RAKSHITHA	9.56	FIRST CLASS WITH DISTINCTION
2	1RV21LCS02	CHANDAN SADAMKAR	8.85	FIRST CLASS WITH DISTINCTION
3	1RV21LCS04	DIVYASHREE N S	7.23	FIRST CLASS
4	1RV21LCS05	PAVAN KALYAN M S	6.72	SECOND CLASS

DEPARTMENT OF ELECTRONICS & COMMUNICATON ENGINEERING
Branch: M.Tech in VLSI DESIGN & EMBEDDED SYSTEMS

Provisional Rank list (2022-23)				
SL.NO	**USN**	**NAME OF STUDENTS**	**CGPA**	**RANK**
1	1RV21LVS05	AYESHA BANU	9.57	1ST
2	1RV21LVS08	DARSHAN HEGDE	9.39	2ND
3	1RV21LVS12	MANJUNATH R	9.35	3RD

Graduate List (2022-23)				
SL.NO	**USN**	**NAME OF STUDENTS**	**CGPA**	**CLASS**
1	1RV20LVS21	NARAYANA MANJUNATHA HEGDE	8.47	FIRST CLASS WITH DISTINCTION
2	1RV21LVS01	ABHINAV S	9.30	FIRST CLASS WITH DISTINCTION
3	1RV21LVS02	ABHISHEK	8.25	FIRST CLASS WITH DISTINCTION
4	1RV21LVS03	ANKITHA C S	8.25	FIRST CLASS WITH DISTINCTION
5	1RV21LVS04	APOORVA SUBASH	7.90	FIRST CLASS WITH DISTINCTION
6	1RV21LVS07	CHRISTINA T J	8.32	FIRST CLASS WITH DISTINCTION
7	1RV21LVS09	DEEPA SURANAM LAMANI	8.77	FIRST CLASS WITH DISTINCTION
8	1RV21LVS10	E M SAVI TEJA	8.10	FIRST CLASS WITH DISTINCTION
9	1RV21LVS11	KAARTIK R	7.89	FIRST CLASS WITH DISTINCTION
10	1RV21LVS13	MEGHANA R	8.57	FIRST CLASS WITH DISTINCTION
11	1RV21LVS14	MOHAMMED ZEESHAN A	8.75	FIRST CLASS WITH DISTINCTION
12	1RV21LVS15	MOHAMMAD WAQAR BHAT	8.82	FIRST CLASS WITH DISTINCTION
13	1RV21LVS16	NAGENDRA PRASAD N	9.06	FIRST CLASS WITH DISTINCTION
14	1RV21LVS17	NANDISH V S	8.24	FIRST CLASS WITH DISTINCTION
15	1RV21LVS18	PAPOLI JAINIL DHARMESHKUMAR	8.52	FIRST CLASS WITH DISTINCTION
16	1RV21LVS19	POORVAJA HARISH	8.49	FIRST CLASS WITH DISTINCTION
17	1RV21LVS20	PRATIK B DESAI	7.45	FIRST CLASS
18	1RV21LVS21	PRATIK KAMALAPPA KADLIMATTI	8.53	FIRST CLASS WITH DISTINCTION
19	1RV21LVS22	PRIYANKA	8.74	FIRST CLASS WITH DISTINCTION
20	1RV21LVS23	PRUTHVI D	9.20	FIRST CLASS WITH DISTINCTION
21	1RV21LVS24	R ARJUMANTH FARRAJ	8.31	FIRST CLASS WITH DISTINCTION
22	1RV21LVS25	RAJESHKUMAR JADHAV	8.03	FIRST CLASS WITH DISTINCTION
23	1RV21LVS26	RANJITH P	8.49	FIRST CLASS WITH DISTINCTION
24	1RV21LVS27	S PRANAVA KOUNDINYA	8.55	FIRST CLASS WITH DISTINCTION
25	1RV21LVS28	S SUMA	9.11	FIRST CLASS WITH DISTINCTION
26	1RV21LVS29	SAGAR D	7.95	FIRST CLASS WITH DISTINCTION
27	1RV21LVS30	SAI GIRI P S	7.93	FIRST CLASS WITH DISTINCTION
28	1RV21LVS31	SANDEEP S	8.68	FIRST CLASS WITH DISTINCTION
29	1RV21LVS32	SHEETHAL S ROKHADE	8.63	FIRST CLASS WITH DISTINCTION
30	1RV21LVS33	SWATI REDDY	7.98	FIRST CLASS WITH DISTINCTION
31	1RV21LVS34	TANUPRIYA A G	7.20	FIRST CLASS
32	1RV21LVS35	VISHWAS B R	8.05	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
Branch: M.Tech in POWER ELECTRONICS

Provisional Rank list (2022-23)				
SL.NO	**USN**	**NAME OF STUDENTS**	**CGPA**	**RANK**
1	1RV21EPE14	VAISHNAVI KULKARNI	9.19	1ST
2	1RV21EPE11	SUMANTH RITHU K N	9.11	2ND
3	1RV21EPE16	VENUGOPAL K B	9.07	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21EPE01	AKASH	8.36	FIRST CLASS WITH DISTINCTION
2	1RV21EPE02	BHAVANA G	8.00	FIRST CLASS WITH DISTINCTION
3	1RV21EPE03	DEEPIKA S	8.66	FIRST CLASS WITH DISTINCTION
4	1RV21EPE04	HARSHITH R	7.59	FIRST CLASS
5	1RV21EPE05	KAVERI PATIL	8.51	FIRST CLASS WITH DISTINCTION
6	1RV21EPE06	KUSHAL D	7.91	FIRST CLASS WITH DISTINCTION
7	1RV21EPE07	MONISHA R	7.50	FIRST CLASS
8	1RV21EPE09	SANJANA SHIRAHATTI	8.82	FIRST CLASS WITH DISTINCTION
9	1RV21EPE10	SINDHU RAVINDRA	8.23	FIRST CLASS WITH DISTINCTION
10	1RV21EPE12	SWATI PATIL	9.06	FIRST CLASS WITH DISTINCTION
11	1RV21EPE13	TARA BIRADAR	7.60	FIRST CLASS
12	1RV21EPE15	VARSHINI B	8.78	FIRST CLASS WITH DISTINCTION
13	1RV18EPE12	SURESH	7.70	FIRST CLASS

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING
Branch: M.Tech in BIOMEDICAL SIGNAL PROCESSING & INSTRUMENTATION

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV19LBI07	VEDASHREE H C	8.30	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF INDUSTRIAL ENGINEERING & MANAGEMENT
Branch: M.Tech in MASTER OF ENGINEERING MANAGEMENT

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV17MEM02	GOPIKA PATIL	8.75	FIRST CLASS WITH DISTINCTION
2	1RV17MEM04	ROHITH K V	8.03	FIRST CLASS WITH DISTINCTION
3	1RV17MEM05	SACHIN S BHUSARI	7.64	FIRST CLASS
4	1RV17MEM07	SHREYAS M P	7.80	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATON ENGINEERING
Branch: M.Tech in RF & MICROWAVE ENGINEERING

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21LRF01	KRISHNA KUMAR M	8.18	FIRST CLASS WITH DISTINCTION
2	1RV21LRF02	NAVEEN KUMAR N	8.23	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATON ENGINEERING
Branch: M.Tech in DIGITAL COMMUNICATION

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21LDC11	RACHANA P RAO	9.40	1ST
2	1RV21LDC15	VACHANA C	9.23	2ND
3	1RV21LDC12	RISHA RAM	9.10	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21LDC01	CHANDRAKALA V	7.75	FIRST CLASS WITH DISTINCTION
2	1RV21LDC02	DARSHAN T G	8.24	FIRST CLASS WITH DISTINCTION
3	1RV21LDC03	DEEPAK PATEL N M	9.06	FIRST CLASS WITH DISTINCTION
4	1RV21LDC04	DHAKSHITH N K	8.16	FIRST CLASS WITH DISTINCTION
5	1RV21LDC05	KORI MADHURA JAGADISH	8.65	FIRST CLASS WITH DISTINCTION

6	1RV21LDC06	MANOJ KUMAR R	7.97	FIRST CLASS WITH DISTINCTION
7	1RV21LDC08	NAMRATHA SREEDHAR	8.19	FIRST CLASS WITH DISTINCTION
8	1RV21LDC09	NAVYASHREE M	8.51	FIRST CLASS WITH DISTINCTION
9	1RV21LDC10	PRIYANKA M	7.55	FIRST CLASS
10	1RV21LDC13	RITHIKA KANNAN	8.26	FIRST CLASS WITH DISTINCTION
11	1RV21LDC14	USHA M M	9.02	FIRST CLASS WITH DISTINCTION
12	1RV21LDC16	VAISHNAVI S	8.48	FIRST CLASS WITH DISTINCTION
13	1RV21LDC17	VIDYASHREE K	8.13	FIRST CLASS WITH DISTINCTION
14	1RV19LDC12	KAVYASHREE M	7.26	FIRST CLASS
15	1RV20LDC22	REENA APPANNA DADANATTI	7.93	FIRST CLASS WITH DISTINCTION
16	1RV20LDC26	SHRINITHA S	7.60	FIRST CLASS

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING
Branch: M.Tech in SOFTWARE ENGINEERING

Provisional Rank list (2022-23)				
SL.NO	**USN**	**NAME OF STUDENTS**	**CGPA**	**RANK**
1	1RV21SSE04	G ANUSHA	9.22	1ST
2	1RV21SSE06	KOUSTUBA GURIKAR	9.08	2ND
3	1RV21SSE02	CHANDANA K R	8.68	3RD

Graduate List (2022-23)				
SL.NO	**USN**	**NAME OF STUDENTS**	**CGPA**	**CLASS**
1	1RV21SSE01	CHAITHALI H	7.72	FIRST CLASS
2	1RV21SSE03	D R SWATHI KUMARI	8.20	FIRST CLASS WITH DISTINCTION
3	1RV21SSE05	JALAPREETHA J	8.22	FIRST CLASS WITH DISTINCTION
4+A19:A20	1RV21SSE07	LAXMIBAI	7.89	FIRST CLASS WITH DISTINCTION
5	1RV21SSE08	N BHAVYADEVI VISHALAKSHI	8.43	FIRST CLASS WITH DISTINCTION
6	1RV21SSE09	PUJA G AMBALGEKAR	9.18	FIRST CLASS WITH DISTINCTION
7	1RV21SSE10	RATHOD DEEPAK VIJAYKUMAR	7.59	FIRST CLASS
8	1RV21SSE11	SHAMANTH DINESH THELKAR	7.97	FIRST CLASS WITH DISTINCTION
9	1RV21SSE12	SRUSHTI PATIL	8.08	FIRST CLASS WITH DISTINCTION
10	1RV21SSE13	SUPRITHA K R	8.50	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING
Branch: M.Tech in INFORMATION TECHNOLOGY

Provisional Rank list (2022-23)				
SL.NO	**USN**	**NAME OF STUDENTS**	**CGPA**	**RANK**
1	1RV21SIT12	RANJITH KUMAR D R	9.40	1ST
2	1RV21SIT02	BOKADE SHARAYU SUBHASH	8.99	2ND
3	1RV21SIT01	ADITI SANJAY KILLEKAR	8.86	3RD

Graduate List (2022-23)				
SL.NO	**USN**	**NAME OF STUDENTS**	**CGPA**	**CLASS**
1	1RV20SIT14	SANJEEV T K	7.65	FIRST CLASS
2	1RV21SIT03	CHAITRA R M	8.45	FIRST CLASS WITH DISTINCTION
3	1RV21SIT04	DARSHAN C M PAWAR	7.99	FIRST CLASS WITH DISTINCTION
4	1RV21SIT05	HARISH S K	7.92	FIRST CLASS WITH DISTINCTION
5	1RV21SIT06	HARSHITHA N	7.94	FIRST CLASS WITH DISTINCTION
6	1RV21SIT08	MONIKA C S	8.14	FIRST CLASS WITH DISTINCTION
7	1RV21SIT09	PAWAN V	8.09	FIRST CLASS WITH DISTINCTION
8	1RV21SIT10	RAKSHA R	8.85	FIRST CLASS WITH DISTINCTION
9	1RV21SIT11	RAKSHITA R	8.42	FIRST CLASS WITH DISTINCTION
10	1RV21SIT13	SANDHYA V	7.83	FIRST CLASS WITH DISTINCTION
11	1RV21SIT14	SHARAN G S	8.34	FIRST CLASS WITH DISTINCTION
12	1RV21SIT15	SUHAS M	8.50	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF MECHANICAL ENGINEERING
Branch: M.Tech in PRODUCT DESIGN & MANUFACTURING

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21MPD17	SANGAMESH AKKI	9.67	1ST
2	1RV21MPD25	SURAJ S KUMAR	9.59	2ND
3	1RV21MPD05	CHETAN PRASAD S	9.48	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21MPD01	AKSHAY BHAGAVATH	8.36	FIRST CLASS WITH DISTINCTION
2	1RV21MPD02	ANUSHA M	8.89	FIRST CLASS WITH DISTINCTION
3	1RV21MPD03	B J SRUJAN	8.07	FIRST CLASS WITH DISTINCTION
4	1RV21MPD04	B V NAVEEN KUMAR	8.59	FIRST CLASS WITH DISTINCTION
5	1RV21MPD06	CHIRANTHAN SAGAR K	8.20	FIRST CLASS WITH DISTINCTION
6	1RV21MPD07	DARSHAN KUMAR C	8.89	FIRST CLASS WITH DISTINCTION
7	1RV21MPD08	EZHIL CHELVAN P A	8.93	FIRST CLASS WITH DISTINCTION
8	1RV21MPD09	JAHANAVI R	9.39	FIRST CLASS WITH DISTINCTION
9	1RV21MPD10	LOKESH P	8.88	FIRST CLASS WITH DISTINCTION
10	1RV21MPD11	MUHAMMAD ANAS	8.31	FIRST CLASS WITH DISTINCTION
11	1RV21MPD12	NAIMUR HUSSAIN	8.77	FIRST CLASS WITH DISTINCTION
12	1RV21MPD13	PRAJWALKUMAR VENKATESH KUNNAL	9.25	FIRST CLASS WITH DISTINCTION
13	1RV21MPD14	RAFIQ AHMED SHARIFF	8.86	FIRST CLASS WITH DISTINCTION
14	1RV21MPD15	RAGHAVENDRA M HOSAMANI	8.85	FIRST CLASS WITH DISTINCTION
15	1RV21MPD16	RAHUL RAJ	8.91	FIRST CLASS WITH DISTINCTION
16	1RV21MPD18	SANTOSH KUMAR M	8.31	FIRST CLASS WITH DISTINCTION
17	1RV21MPD19	SHAMANTH S NADIG	8.63	FIRST CLASS WITH DISTINCTION
18	1RV21MPD20	SHASHANK M	8.69	FIRST CLASS WITH DISTINCTION
19	1RV21MPD21	SHRAVAN K S	8.60	FIRST CLASS WITH DISTINCTION
20	1RV21MPD22	SHRIDHAR C NAVALE	9.10	FIRST CLASS WITH DISTINCTION
21	1RV21MPD23	SRIRAM MADHAV	9.20	FIRST CLASS WITH DISTINCTION
22	1RV21MPD24	SUHAS D	9.27	FIRST CLASS WITH DISTINCTION
23	1RV21MPD26	TEJAS G L	9.01	FIRST CLASS WITH DISTINCTION
24	1RV21MPD27	VISHAL BHASINGI	8.86	FIRST CLASS WITH DISTINCTION
25	1RV21MPD28	ANANDAKUMAR N	8.23	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF MECHANICAL ENGINEERING
Branch: M.Tech in COMPUTER INTEGRATED MANUFACTURING

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21MCM07	PAVAN T V	9.48	1ST
2	1RV21MCM03	KARTHIK NARAYAN KARANTH U	9.02	2ND
3	1RV21MCM06	NIKHIL S	8.53	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21MCM01	BUDDUGARULA NAGARJUNAVIJAY	8.08	FIRST CLASS WITH DISTINCTION
2	1RV21MCM02	HEMANTH V	7.77	FIRST CLASS WITH DISTINCTION
3	1RV21MCM04	KISHAN KUMAR S	8.35	FIRST CLASS WITH DISTINCTION
4	1RV21MCM05	LINCOLN GANDHI VEIGAS	8.88	FIRST CLASS WITH DISTINCTION
5	1RV21MCM08	RUMAAN RIYAZ PATEL	8.38	FIRST CLASS WITH DISTINCTION
6	1RV21MCM09	TARUN RAJ	8.20	FIRST CLASS WITH DISTINCTION
7	1RV18MCM04	GANAPATHI V BHAGAWAT	7.17	FIRST CLASS
8	1RV20MCM11	SACHIN D S	7.60	FIRST CLASS

DEPARTMENT OF MECHANICAL ENGINEERING
Branch: M.Tech in MACHINE DESIGN

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21MMD08	SANIYA A MANIYAR	9.72	1ST
2	1RV21MMD17	UDIT GUPTA	9.59	2ND
3	1RV21MMD12	SHRADDHA A	9.47	3RD

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV21MMD01	AHRAR MUHAMMAD	8.72	FIRST CLASS WITH DISTINCTION
2	1RV21MMD02	AMBARESHA	9.08	FIRST CLASS WITH DISTINCTION
3	1RV21MMD03	KARTHIK S	8.91	FIRST CLASS WITH DISTINCTION
4	1RV21MMD04	MANU K	8.72	FIRST CLASS WITH DISTINCTION
5	1RV21MMD05	PUTTARAJ SHEKHARAPPA KALASAPUR	8.58	FIRST CLASS WITH DISTINCTION
6	1RV21MMD06	PYLO M A	8.84	FIRST CLASS WITH DISTINCTION
7	1RV21MMD07	RANJAN M	9.34	FIRST CLASS WITH DISTINCTION
8	1RV21MMD09	SASHIKUMARGOUDA PATIL	9.18	FIRST CLASS WITH DISTINCTION
9	1RV21MMD10	SHASHANK N	9.11	FIRST CLASS WITH DISTINCTION
10	1RV21MMD11	SHASHANK P	8.97	FIRST CLASS WITH DISTINCTION
11	1RV21MMD13	SHRAVANKUMAR RUDRAPPA BANGARI	8.59	FIRST CLASS WITH DISTINCTION
12	1RV21MMD14	SIDDAPPA KAI	8.68	FIRST CLASS WITH DISTINCTION
13	1RV21MMD15	SRI HARSHA S	9.01	FIRST CLASS WITH DISTINCTION
14	1RV21MMD16	SRUJAN U R	8.97	FIRST CLASS WITH DISTINCTION
15	1RV21MMD18	VIJAYAKUMARA GUDDAPPA NEGALURA	9.27	FIRST CLASS WITH DISTINCTION
16	1RV19MMD09	GOPALKRISHNA KULKARNI	9.07	FIRST CLASS WITH DISTINCTION
17	1RV19MMD12	NIHAL G B	9.30	FIRST CLASS WITH DISTINCTION

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Provisional Rank list (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	RANK
1	1RV21MC120	YATHISH L	9.72	1ST
2	1RV21MC025	BHAT DIVYA SUBRAHMANYA	9.35	2ND
3	1RV21MC092	SANSKRATI AGARWAL	9.22	3RD
4	1RV21MC052	KISHANKUMAR DAHIYA	9.15	4TH
5	1RV21MC098	SHIMPY KUMARI	9.14	5TH
6	1RV21MC049	KHAIRUNNISA	9.14	6TH
7	1RV21MC012	ANANDGOUDA PATIL	9.07	7TH
8	1RV21MC115	VAIBHAVA HATHWAR T L	9.01	8TH
9	1RV21MC041	HARSHA K S	9.00	9TH
10	1RV21MC005	AISHWARYA NAGARAJ BABALESHWAR	8.97	10TH

Graduate List (2022-23)				
SL.NO	USN	NAME OF STUDENTS	CGPA	CLASS
1	1RV20MC031	KAVITHA M	7.99	FIRST CLASS WITH DISTINCTION
2	1RV20MC099	SHREEPAD BILKAR	6.60	SECOND CLASS
3	1RV21MC001	ABHISHEK M	8.50	FIRST CLASS WITH DISTINCTION
4	1RV21MC002	ABHISHEK RANJANAGOUDA G	8.24	FIRST CLASS WITH DISTINCTION
5	1RV21MC003	ADARSH V MORYE	7.66	FIRST CLASS
6	1RV21MC004	AISHWARYA K KAMBLE	8.42	FIRST CLASS WITH DISTINCTION
7	1RV21MC006	AJITH KUMAR K	8.85	FIRST CLASS WITH DISTINCTION
8	1RV21MC007	AKASH	8.93	FIRST CLASS WITH DISTINCTION
9	1RV21MC008	AKASH BHARDWAJ	7.22	FIRST CLASS

10	1RV21MC009	AKASH E PUNAGIN	8.46	FIRST CLASS WITH DISTINCTION
11	1RV21MC010	ALTAMISH CHOWDHURY	8.37	FIRST CLASS WITH DISTINCTION
12	1RV21MC011	AMIT KUMAR	7.55	FIRST CLASS
13	1RV21MC013	ANJALI PATEL	8.18	FIRST CLASS WITH DISTINCTION
14	1RV21MC014	ANUP DODDANNAVAR	8.26	FIRST CLASS WITH DISTINCTION
15	1RV21MC015	ANUPAM KUSHWAHA	7.81	FIRST CLASS WITH DISTINCTION
16	1RV21MC016	ANURAG BHATT	8.77	FIRST CLASS WITH DISTINCTION
17	1RV21MC017	ARUN D	7.77	FIRST CLASS WITH DISTINCTION
18	1RV21MC018	ASHUTOSH S BARAD	8.12	FIRST CLASS WITH DISTINCTION
19	1RV21MC019	AYUSH SINHA	8.57	FIRST CLASS WITH DISTINCTION
20	1RV21MC020	B R BHARGAVA	7.97	FIRST CLASS WITH DISTINCTION
21	1RV21MC021	BASAVANNAYYA C KULAKARNI	7.26	FIRST CLASS
22	1RV21MC022	BHAKTHI PRABHU	8.76	FIRST CLASS WITH DISTINCTION
23	1RV21MC024	BHARAT S HARIKANT	8.65	FIRST CLASS WITH DISTINCTION
24	1RV21MC027	CHANDAN B REDDY	7.61	FIRST CLASS
25	1RV21MC028	CHANDAN S	8.38	FIRST CLASS WITH DISTINCTION
26	1RV21MC029	CHANDANA M	7.81	FIRST CLASS WITH DISTINCTION
27	1RV21MC030	CHIRANJIT DAS	6.86	FIRST CLASS
28	1RV21MC031	HARSHITHA D S	7.82	FIRST CLASS WITH DISTINCTION
29	1RV21MC032	DAIZY DSOUZA	8.79	FIRST CLASS WITH DISTINCTION
30	1RV21MC033	DASHLINE JOVE D SOUZA	8.34	FIRST CLASS WITH DISTINCTION
31	1RV21MC035	DEEPAK MANJUNATH BOORMANE	8.22	FIRST CLASS WITH DISTINCTION
32	1RV21MC036	DIVYA M	7.75	FIRST CLASS WITH DISTINCTION
33	1RV21MC037	GATTANI TANUJ SUBHASH	7.91	FIRST CLASS WITH DISTINCTION
34	1RV21MC038	GAURAV SHANKARAM	8.05	FIRST CLASS WITH DISTINCTION
35	1RV21MC039	GOKUL S	7.93	FIRST CLASS WITH DISTINCTION
36	1RV21MC040	HARSHA A	8.46	FIRST CLASS WITH DISTINCTION
37	1RV21MC042	HRUTIK	8.27	FIRST CLASS WITH DISTINCTION
38	1RV21MC043	INDRABHUSHAN A MALUCHE	8.28	FIRST CLASS WITH DISTINCTION
39	1RV21MC044	JAY SHAH	8.36	FIRST CLASS WITH DISTINCTION
40	1RV21MC045	JUNAID PASHA	7.01	FIRST CLASS
41	1RV21MC046	K B KRISHNA	8.49	FIRST CLASS WITH DISTINCTION
42	1RV21MC047	KAUSTAV PAUL	7.51	FIRST CLASS
43	1RV21MC048	KAVYASHREE N	7.66	FIRST CLASS
44	1RV21MC050	KIRAN H S	8.43	FIRST CLASS WITH DISTINCTION
45	1RV21MC051	KIRAN NAIK	7.76	FIRST CLASS WITH DISTINCTION
46	1RV21MC053	KRUPA S ARJUNWADKAR	8.69	FIRST CLASS WITH DISTINCTION
47	1RV21MC054	M MANJUNATHA	7.68	FIRST CLASS
48	1RV21MC055	MADHURI JOGOJI	8.38	FIRST CLASS WITH DISTINCTION
49	1RV21MC056	MAHESH M	8.34	FIRST CLASS WITH DISTINCTION
50	1RV21MC057	MANASI NINGAPPA SHIMPIGER	7.87	FIRST CLASS WITH DISTINCTION
51	1RV21MC058	MANJUNATH KALADAGI	8.15	FIRST CLASS WITH DISTINCTION
52	1RV21MC059	MANJUNATHA B	8.07	FIRST CLASS WITH DISTINCTION
53	1RV21MC060	MATHEW K I	7.97	FIRST CLASS WITH DISTINCTION
54	1RV21MC063	NAGANATH KOUSIK M	7.97	FIRST CLASS WITH DISTINCTION
55	1RV21MC064	NAGENDRA HERLE	8.44	FIRST CLASS WITH DISTINCTION
56	1RV21MC065	NIKHIL PRADHAN	7.17	FIRST CLASS
57	1RV21MC066	NIKISHA VISHWANATH BONGALE	8.79	FIRST CLASS WITH DISTINCTION
58	1RV21MC067	NITHIN	8.42	FIRST CLASS WITH DISTINCTION
59	1RV21MC068	PANNAGA SHASTRI S	8.34	FIRST CLASS WITH DISTINCTION
60	1RV21MC069	PAVAN V CHAKRASALI	8.31	FIRST CLASS WITH DISTINCTION
61	1RV21MC070	PAVITHRA T	7.98	FIRST CLASS WITH DISTINCTION
62	1RV21MC071	PIKU MAITY	8.57	FIRST CLASS WITH DISTINCTION
63	1RV21MC072	PIYUSH KUMAR	7.75	FIRST CLASS WITH DISTINCTION
64	1RV21MC073	PRAJWAL K	8.64	FIRST CLASS WITH DISTINCTION
65	1RV21MC075	PRAKRUTHI C Y	8.71	FIRST CLASS WITH DISTINCTION
66	1RV21MC076	PRANAV DHAMA	8.62	FIRST CLASS WITH DISTINCTION
67	1RV21MC077	PRATHIKSHA M	8.07	FIRST CLASS WITH DISTINCTION

68	1RV21MC078	PRIYANKA P DEVARAMANI	7.67	FIRST CLASS
69	1RV21MC079	PUNEETH KUMAR V	8.13	FIRST CLASS WITH DISTINCTION
70	1RV21MC080	PUNITH GOWDA S P	8.57	FIRST CLASS WITH DISTINCTION
71	1RV21MC081	RAKSHITH R	8.48	FIRST CLASS WITH DISTINCTION
72	1RV21MC082	RAKSHITHA K	8.30	FIRST CLASS WITH DISTINCTION
73	1RV21MC083	RANJITH KUMAR J	8.73	FIRST CLASS WITH DISTINCTION
74	1RV21MC084	RAVI BANSAL	7.58	FIRST CLASS
75	1RV21MC085	ROHAN S	8.24	FIRST CLASS WITH DISTINCTION
76	1RV21MC086	RUDRAGOUDA	8.10	FIRST CLASS WITH DISTINCTION
77	1RV21MC087	S PRASHANT IYER	7.88	FIRST CLASS WITH DISTINCTION
78	1RV21MC089	SAI NIRUPAMA	8.77	FIRST CLASS WITH DISTINCTION
79	1RV21MC090	SANJANA GURURAJ AVADHANI	8.78	FIRST CLASS WITH DISTINCTION
80	1RV21MC091	SANJIV KUMAR	6.87	FIRST CLASS
81	1RV21MC093	SHAIK RUKHAYA BHANU	8.42	FIRST CLASS WITH DISTINCTION
82	1RV21MC094	SHARAD MISHRA	7.01	FIRST CLASS
83	1RV21MC095	SHASHANK TIWARI	7.75	FIRST CLASS WITH DISTINCTION
84	1RV21MC096	SHASHI SINGH	7.57	FIRST CLASS
85	1RV21MC099	SHIREESHA K B	7.99	FIRST CLASS WITH DISTINCTION
86	1RV21MC100	SHREERAM M	7.86	FIRST CLASS WITH DISTINCTION
87	1RV21MC101	SOHAN GOWDA C	7.68	FIRST CLASS
88	1RV21MC102	SOMNATH BASAVANT KENCHANNAVAR	8.07	FIRST CLASS WITH DISTINCTION
89	1RV21MC103	SRIGANESH N H	7.19	FIRST CLASS
90	1RV21MC104	SUBRAHMANYA HEGDE	7.50	FIRST CLASS
91	1RV21MC106	SUMANTH C R	8.18	FIRST CLASS WITH DISTINCTION
92	1RV21MC108	SURAJ N M	8.48	FIRST CLASS WITH DISTINCTION
93	1RV21MC109	SUSHMITA VISHNU SHASTRI	8.68	FIRST CLASS WITH DISTINCTION
94	1RV21MC110	TEJAS GIRIJAKANT NAIK	7.96	FIRST CLASS WITH DISTINCTION
95	1RV21MC111	THEJAS P	8.07	FIRST CLASS WITH DISTINCTION
96	1RV21MC112	TUSHAR	8.03	FIRST CLASS WITH DISTINCTION
97	1RV21MC113	TYAGARAJ GOPAL NAIK	8.12	FIRST CLASS WITH DISTINCTION
98	1RV21MC114	VAIBHAV KULKARNI	8.48	FIRST CLASS WITH DISTINCTION
99	1RV21MC116	VINAY NARWADE	8.10	FIRST CLASS WITH DISTINCTION
100	1RV21MC117	VIPUL TIWARI	7.43	FIRST CLASS
101	1RV21MC118	WINIL JOSEPH RODRIGUES	7.38	FIRST CLASS
102	1RV21MC119	Y S KIRAN KUMAR	8.45	FIRST CLASS WITH DISTINCTION
103	1RV20MC021	SAMARSINH GUNDPATIL	7.22	FIRST CLASS
104	1RV20MC027	INDHU P	7.15	FIRST CLASS
105	1RV20MC042	MALLIKARJUN	6.65	SECOND CLASS
106	1RV20MC094	SAURAV KUMAR	6.99	FIRST CLASS
107	1RV20MC106	VAMSHIKRISHNA B T	6.47	SECOND CLASS
108	1RZ19MCA01	KIRAN N T	7.05	FIRST CLASS
109	1RZ19MCA06	MARSHA MATHAI	7.15	FIRST CLASS
110	1RV17MCA43	SHWETA VIJAYANAND	6.69	SECOND CLASS

Member Secretary
Academic Council
R V College of Engineering (Autonomous)
Bangalore-560 059

Subject for information

Sub. No. 302: Result Analysis of M.Tech & MCA programs of 2021-2023 batch.

RV COLLEGE OF ENGINEERING®

(Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi)

R.V.Vidyaniketan Post, Mysore Road, Bengaluru-560059, INDIA.

Result analysis for the Regular students Admission year 2021 and Graduation year AUG-23/SEP-23 (includes fasttrack Aug-22)

Sl No	Branch Name	No. Students Admitted	No. of Students	Percentage	First Class with Distinction	First Class	Second Class
1	BT-MBT	16	16	100.00	16	0	0
2	CS-MCE	16	16	100.00	15	1	0
3	CS-MCN	15	15	100.00	15	0	0
4	CV-MHT	12	12	100.00	10	2	0
5	CV-MST	16	15	93.75	15	0	0
6	EC-MCS	4	4	100.00	2	2	0
7	EC-MVE	36	34	94.44	32	2	0
8	EE-EPE	15	15	100.00	12	3	0
9	ET-MDC	17	16	94.12	15	1	0
10	ET-MRM	2	2	100.00	2	0	0
11	IS-MIT	15	15	100.00	14	1	0
12	IS-MSE	13	13	100.00	11	2	0
13	MD-MMD	20	18	90.00	18	0	0
14	MD-MPD	29	28	96.55	28	0	0
15	ME-MCM	10	9	90.00	9	0	0
16	MCA	119	110	92.44	88	21	1
Total		**355**	**338**	**95.21**	**302**	**35**	**1**

Total Number of students appeared :355
Total Number of students passed: 338
Percantage of students passed:95.21 %

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