

RV College of Engineering, Bengaluru
Department of Civil Engineering

BOARD OF STUDIES CONTENT SHEET

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**Department: Civil Engineering****Programmes: B.E. (Civil Engineering), M Tech (Structural Engineering) and M Tech (Highway Technology)**


The following are the new courses added in the curricula in the respective curricular revisions made in 2018, 2021 and 2022 schemes. Curricular revisions were discussed thoroughly at the respective Board of Studies meetings. The new courses added are reflected in the revised curricula with the course codes.

Sl. No.	Title of the new course added	New course code	Scheme in which the new course is added
1.	Design Thinking lab	18CV47	2018
2.	Theory of Elasticity	18CV5A1	2018
3.	Environmental Chemistry	18CV5A2	2018
4.	Glass in Buildings: Design and Applications	18CV5A3	2018
5.	Introduction to Multimodal Urban Transportation Systems	18CV5A4	2018
6.	Internet of Things	18CS6C1	2018
7.	Machine Learning	18CS6D1	2018
8.	Pre-Fabrication Construction Techniques	18CV6D5	2018
9.	Internship	18CV74	2018
10.	Industrial Waste Water Treatment	18CV7F3	2018
11.	Hydraulic Structures	18CV7F4	2018
12.	Statistics and Probability for Data Science	21MA41	2021
13.	Digital Land Surveying and Mapping (DLS&M)	21CV4A1	2021
14.	Construction Methods and Equipment Management	21CV4A2	2021
15.	Safety in Construction	21CV4A3	2021
16.	Infrastructure Economics	21CV4A4	2021
17.	Introduction to Accounting and Finance for Civil	21CV4A5	2021
18.	Applied Mathematics	18MAT11A	2018
19.	Design of Form work	18MST1A2	2018
20.	Structural Health Monitoring	18MST1B3	2018
21.	Analysis and Design of Structures Lab	22MST14L	2022
22.	High Rise Structures	22MST1A3T	2022



23.	Design for Safety	22MST2C2T	2022
24.	Applied Mathematics	18MAT11A	2018
25.	Remote Sensing and GIS in Transportation Engineering	18MHT1B2	2018
26.	Environmental Impact assessment of Road Projects	18MHT3E2	2018
27.	Advanced Traffic Engineering	18MHT2C3	2018
28.	Applications of MATLAB and Python in Pavement Engineering	22MHT14L	2022
29.	Differential Global Positioning Systems and Auto CAD for Highways	22MHT24L	2022
30.	Ground Improvement Techniques	22MHT1A2T	2022
31.	Reinforced Earth Panel Walls	2MHT1A3T	2022


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(Civil Engineering)
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 BOARD OF STUDIES
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 RV College of Engineering
 BANGALORE


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 R.V. College of Engineering
 Bengaluru - 560 059


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RASHTREEYA SIKSHANA SAMITHI TRUST

R.V. COLLEGE OF ENGINEERING

(Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)
Approved by All India Council for Technical Education, New Delhi.

Ref: RVE/CE/ /2018-19

Date: 20.06.2018

To: Dr. S.V Dinesh

Professor,

Department of Civil Engineering

SIT, Tumakuru

Email: dinesh@sit.ac.in

Respected Sir,

We invite you as subject expert for the BoS meeting on 4.7.2018 at 10.00AM in the Department of Civil Engineering, RVCE, Bengaluru. Agenda of the Meeting

1. I Year syllabus- 2018 scheme
2. Higher semester Syllabus- 2016 scheme
3. Draft scheme of 2018 scheme for MTech Structural Engineering and Highway Technology
4. Minutes of AAC and other committees
5. Any other matters

Kindly make it convenient to attend the meeting.

Thanking You,

Your's Faithfully

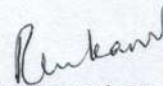

Dr. Radhakrishna

Professor & Head

Dept. of Civil Engg,

Professor & Head

Department of Civil Engineering
RV College of Engineering
Mysuru Road, Bengaluru-560066


Dr. M V Renuka Devi

Chairperson-BoS

Dept. of Civil Engg

CHAIRMAN
BOARD OF STUDIES
Dept. of Civil Engg
RV College of Engineering
BANGALORE-56



Ref. No.: RVE/CE/321 / 2018-19

04.07.2018

Minutes of 21st BoS Meeting

Agenda:

1. I year Syllabus - 2018 scheme
2. Higher semester syllabus - 2016 scheme
3. Draft scheme of 2018 for M Tech Structural Engineering and M Tech Highway Technology
4. Minutes of Academic advisory committee and other departmental committees
5. Any other matters

Following members attended the 21st BoS Meeting of Civil Engineering Board on 04.07.2018.

Members Present:

1	Dr. M V Renukadevi	Chairperson	Prof. & Head, Dept of Civil Engineering, RVCE	<i>Renukadevi</i>
2	Dr. Ravindra R (Member)	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	Leave of absence
3	Dr. Anantha Rama V (Member)	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	<i>Anantha Rama V</i> 4/7/18
4	Dr. Anjaneyappa (Member)	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	<i>Anjaneyappa</i>
5	Smt. Lokeshwari M (Member)	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	<i>Lokeshwari M</i> 04/7/18
6	Sri. Anand Kumar B G (Member)	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	<i>Anand Kumar B G</i> 4/7/18
7	Dr. S.V. Dinesh (Subject Expert)	Professor	Dept. of Civil Engineering, SIT, Tumkuru	<i>S.V. Dinesh</i> 4/7/18
8	Dr. S. Raghunath (Subject Expert)	Professor	Dept. of Civil Engineering, BMS College of Engineering, Bengaluru	<i>S. Raghunath</i>
9	Sri Lokesh Hebbani (Distinguished Alumni)	Consultant	#286/A I Floor, 9 th Main, 40 th Cross, Jayanagar, Bengaluru 560041.	<i>H. G. L...</i>

Dr. M V Renukadevi, Chairperson greeted all BoS members. The minutes of 20th BoS meeting and action taken were read and recorded.

Following observations and suggestions were made by the BoS members:

1. Chairperson briefed draft scheme of 2018 of first year.
2. Members appreciated separate budget allocation in 2018-19 for student projects/workshops/seminars/conferences.



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3. The following is the list of proposed new courses to be added in scheme of B.E. Civil Engineering 2018 scheme (UG – I to VIII semester)

Sl. No.	Title of the new course added	New course code
1.	Design Thinking lab	18CV47
2.	Theory of Elasticity	18CV5A1
3.	Environmental Chemistry	18CV5A2
4.	Glass in Buildings: Design and Applications	18CV5A3
5.	Introduction to Multimodal Urban Transportation Systems	18CV5A4
6.	Internet of Things	18CS6C1
7.	Machine Learning	18CS6D1
8.	Pre-Fabrication Construction Techniques	18CV6D5
9.	Internship	18CV74
10.	Industrial WasteWater Treatment	18CV7F3
11.	Hydraulic Structures	18CV7F4

The following is the list of proposed new courses to be added in M.Tech Structural Engineering (I to IV Semester).

Sl. No.	Title of the new course added	New course code
1.	Applied Mathematics	18MAT11A
2.	Design of Form work	18MST1A2
3.	Structural Health Monitoring	18MST1B3

The following is the list of proposed new courses to be added in M.Tech Highway Technology (I to IV Semester).

Sl. No.	Title of the new course added	New course code
1.	Applied Mathematics	18MAT11A
2.	Remote Sensing and GIS in Transportation Engineering	18MHT1B2
3.	Environmental Impact assessment of Road Projects	18MHT3E2
4.	Advanced Traffic Engineering	18MHT2C3



3. Er. Lokesh Hebbani and Dr. S Raghunath advised to appoint one external member from industry and one from academics to Academic Advisory Committee. Also suggested to use electronic mode of communication, if required.
4. Dr. S Raghunath advised to change title of first year course from Elements of Civil Engineering to Engineering Mechanics and syllabus accordingly. However other members opined to retain the course title as Elements of Civil Engineering and Mechanics, as some of the units were focused on Civil Engineering concepts.
5. Members collectively opined not to make group of electives instead option may be given to choose required elective course from basket of elective courses from 5th to 8th semester.
6. Scheme of evaluation of Extensive Survey Camp 16CV74 and Technical Tour & Seminar in VIII Semester was discussed and approved by the members.
7. Draft 2018 scheme of M Tech Structural Engineering and M Tech Highway Technology was approved by members. Few electives were introduced in each semester. During First semester- 2 Electives (Elective A and Elective B were offered with 3 courses each in Elective A and Elective B respectively) and during Second Semester – 2 Electives (Elective C and Elective D were offered with 3 courses each in Elective A and Elective B respectively)
8. However following suggestions were made.
 - To offer pool of electives, instead of grouping them
 - Not to restrict the number of students to be 50% to offer electives
9. Chairperson briefed minutes of Academic Advisory Committee held until June 2018, Budget allocation of 2018-19 and utilization of 2017-18.
10. Chairperson Dr. M V RenukaDevi appraised the changes to be incorporated based on the feedbacks received from Alumni, Industry, Faculty and students such as courses in emerging technology, Innovative teaching methods adopted, ICT tools and Software training.
11. Meeting was concluded by the chairperson thanking all the members present.

Meeting was concluded by the chairperson thanking all the members present.

1	Dr. M V Renukadevi	Chairperson	<i>Renukadevi</i>
2	Dr. Ravindra R	Associate Professor	Leave of absence
3	Dr. Anantha Rama V	Associate Professor	<i>AR</i>
4	Dr. Anjaneyappa	Associate Professor	<i>CA</i>
5	Smt. Lokeshwari M	Assistant Professor	<i>Lokeshwari 04/7/18</i>
6	Sri. Anand Kumar B G	Assistant Professor	<i>Anand Kumar 04/7/18</i>
7	Dr. S.V. Dinesh	Professor	<i>Dinesh 04/7/18</i>
8	Dr. S. Raghunath	Professor	<i>Raghunath</i>
9	Sri Lokesh Hebbani	Consultant	<i>H. G. Hebbani</i>

Renukadevi
Chairperson-BoS 4/7/18
Dept. of Civil Engg
CHAIRMAN



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Varuna M <varunam@rvce.edu.in>

Fwd: BoS meeting invitation - 27.08.2017 @RVCE

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>
To: Varuna M <varunam@rvce.edu.in>

Tue, Jun 18, 2024 at 10:31 AM

----- Forwarded message -----

From: **HOD Dept. of Civil, RVCE** <hod_civil@rvce.edu.in>
Date: Tue, Aug 21, 2018 at 4:37 PM
Subject: BoS meeting invitation - 27.08.2017 @RVCE
To: Lokesh Hebbani <hlokesh@hotmail.com>

Respected Sir,

We invite you as distinguished alumni for the BoS meeting on Monday, 27.08.2018 at 10.30AM in the Department of Civil Engineering, RVCE, Bengaluru. Agenda of the meeting

1. Scheme and syllabus for M Tech Structural Engineering and M Tech Highway Technology - 2018 scheme
2. Equivalent courses
3. Any other matters

Kindly make it convenient to attend the meeting.

Thanking you,

Yours faithfully,

--

Thanks & Regards,

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

--

Thanks & Regards,

Dr. Radhakrishna

Professor and Head
Dept. of Civil Engg.
RVCE, Bengaluru
Ph: 080-6818 8185



Lokesh Hebbani.pdf
353K



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Ref. No.: RVE/CE/ / 2018-19

27.08.2018

Minutes of 22nd BoS Meeting

Agenda:

1. Scheme and syllabus for M Tech Structural Engineering and M Tech Highway Technology - 2018 scheme
2. Equivalent courses
3. Any other matters

Following members attended the 22nd BoS Meeting of Civil Engineering Board on 27.08.2018.

Members Present:

BoS Members

1	Dr. M V Renukadevi	Chairperson	Professor, Dept of Civil Engineering, RVCE	Renukadevi
2	Dr. Radhakrishna	Professor & Head	Dept of Civil Engineering, RVCE	Radhakrishna 27/8/18
3	Dr. Ravindra R (Member)	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	Ravindra R 27/8/18
4	Dr. Anantha Rama V (Member)	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	Anantha Rama V 27/8/18
5	Dr. Anjaneyappa (Member)	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	Anjaneyappa 27/8/18
6	Dr. Lokeshwari M (Member)	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	Lokeshwari M 27/8/18
7	Prof. Anand Kumar B G (Member)	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	Anand Kumar B G 27/8/18
8	Dr. K.S. Lokesh (VTU Nominee)	Professor & Registrar	Dept of Civil Engineering, SJCE, Mysuru	K.S. Lokesh 27/8/18
9	Dr. S.V. Dinesh (Subject Expert)	Professor	Dept. of Civil Engineering, SIT, Tumkuru	S.V. Dinesh 27/8/18
10	Sri Lokesh Hebbani (Distinguished Alumni)	Consultant	#285/A I Floor, 9 th A Main road, 40 th Cross, V Block, Jayanagar, Bengaluru 560041.	Lokesh Hebbani

Special Invitees

1	Dr. B. Shivakumara Swamy (Subject Expert)	Professor & Head	Dept of Civil Engineering, Dr. AIT, Bengaluru	B. Shivakumara Swamy 27/8/18
2	Dr. M S Amarnath (Subject Expert)	Professor	Dept of Civil Engineering, UVCE, Bengaluru	M S Amarnath
3	Dr. A U Ravishankar (Subject Expert)	Professor	Dept of Civil Engineering, NIT K, Surathkal, Mangaluru	A U Ravishankar

R.V. Vidyaniketan Post, Mysore Road, Bengaluru - 560 059. INDIA.

Phone: +91-080-67178087/88

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Internal Special Invitee

1	Dr. B C Udayashankar	Professor	Dept of Civil Engineering , RVCE	
2	Dr. T Raghavendra	Associate Professor	Dept of Civil Engineering , RVCE	
3	Prof. Madhavi K	Assistant Professor	Dept of Civil Engineering , RVCE	
4	Prof. Nethravathi S	Assistant Professor	Dept of Civil Engineering , RVCE	
5	Prof. Archana M R	Assistant Professor	Dept of Civil Engineering , RVCE	
6	Prof. Durga Prashanth L	Assistant Professor	Dept of Civil Engineering , RVCE	
7	Prof. Varuan M Varuna M	Assistant Professor	Dept of Civil Engineering , RVCE	
8	Varuan Kumar R (M Tech Structural Engineering 2016-18 batch)	Alumni Representative	Dept of Civil Engineering , RVCE	
9	Ranjitha B L(M Tech Highway Technology 2016-18 batch)	Alumni Representative	Dept of Civil Engineering , RVCE	

Dr. M V Renukadevi, Chairperson greeted all BoS members and special invitees to the meeting.

BoS members congratulated Dr. Radhakrishna for taking charge as Head of the Department and thanked former Head of the Department, Dr. M V Renukadevi for successful completion of the tenure. The minutes of 21st BoS meeting and action taken were read, recorded and approved.

Following observations and suggestions by BoS members were recorded :

1. BoS chairperson explained Scheme and syllabus for M Tech Structural Engineering and M Tech Highway Technology - 2018 scheme
2. Dr. K S Lokesh suggested to offer electives even for minimum five students.
3. Dr. Ravindra R, explained VTU and AICTE Schemes for Post Graduate Program to all BoS members.
4. Members appreciated the inclusion of a course on "Green building systems and embodied energy" as a Global elective.



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Department of Civil Engineering

Phone: 080-68188185, 8186 : e-mail: hod_civil@rvce.edu.in

5. Dr. K. S. Lokesh and Dr. Shivakumara Swamy insisted to conduct SEE for the audit course so that it would be taken up more intensively by PG students. However it was suggested to shift the audit course to third semester.
6. Dr. K. S. Lokesh and Dr. S. V. Dinesh recommended to allocate maximum of four credits for all the courses. At present four courses are with five credits in 2018 PG Autonomous scheme.
7. Dr. K S Lokesh suggested to include seminars in all semesters.
8. All BoS members strongly suggested to reduce the number of contact hours and to emphasis more on research, hands on training and field exposure, which is very essential for any PG Program.
9. Dr. Amarnath and Dr. S. V. Dinesh suggested to include Research methodology as a mandatory course in first semester which will aid in inculcating paper writing and literature review skills
10. Members of BoS suggested to reduce theory courses and give more emphasis on internship and dissertation work during second year.
11. Dr. Amarnath suggested to include Highway construction and maintenance as a core course in second semester, as a part M Tech Highway Technology 2018 scheme. Advanced traffic engineering has been included as an elective.
12. Members of BoS suggested to have applications towards area of specialization in mathematics course and the same was recommended to be handled by program specific faculty.
13. The draft Program outcomes for 2018 scheme of both the programs were discussed.
14. The course learning objectives, Course contents and course outcomes of all the courses of M Tech Structural Engineering and Highway Technology were reviewed and suggested for modifications where ever required. Feedback from alumni, Students, Faculty and industry, IQAC were discussed and incorporated.
15. Minutes of Equivalence committee were discussed and finalized

Chairperson concluded meeting by thanking all the members present



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Meeting was concluded by the chairperson thanking all the members present.

1	Dr. M V Renukadevi	Chairperson	Renukadevi
2	Dr. Radhakrishna	Professor & Head	Radhakrishna 27/8/18
3	Dr. Ravindra R (Member)	Associate Professor	Ravindra R 27/8/18
4	Dr. Anantha Rama V (Member)	Associate Professor	Anantha Rama V 27/8/18
5	Dr. Anjaneyappa (Member)	Associate Professor	Anjaneyappa 27/8/18
6	Dr. Lokeshwari M (Member)	Assistant Professor	Lokeshwari M 27/8/18
7	Prof. Anand Kumar B G (Member)	Assistant Professor	Anand Kumar B G 27/8/18
8	Dr. K.S. Lokesh (VTU Nominee)	Professor & Registrar	K.S. Lokesh 27/08/18
9	Dr. S.V. Dinesh (Subject Expert)	Professor	S.V. Dinesh 27/08/18
10	Sri Lokesh Hebbani (Distinguished Alumni)	Consultant	H. G. Eyy

1	Dr. B. Shivakumara Swamy (Subject Expert)	Professor & Head	B. Shivakumara Swamy 27/8/18
2	Dr. M S Amarnath (Subject Expert)	Professor	M S Amarnath
3	Dr. A U Ravishankar (Subject Expert)	Professor	A U Ravishankar

1	Dr. B C Udayashankar	Professor	B C Udayashankar
2	Dr. T Raghavendra	Associate Professor	T Raghavendra 27/8/18
3	Prof. Madhavi K	Assistant Professor	Madhavi K 27/8/18
4	Prof. Nethravathi S	Assistant Professor	Nethravathi S 27/8/18
5	Prof. Archana M R	Assistant Professor	Archana M R 27/8/18
6	Prof. Durga Prashanth L	Assistant Professor	Durga Prashanth L 27/8/18
7	Prof. Varuan M	Assistant Professor	Varuan M 27/8/18
8	Varuan Kumar R (M Tech Structural Engineering 2016-18 batch)	Alumni Representative	Varuan Kumar R 27/8/18
9	Ranjitha B L(M Tech Highway Technology 2016-18 batch)	Alumni Representative	Ranjitha B L 27/8/18

Renukadevi
Chairperson-BoS
Dept. of Civil Engg



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HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>

Invitation for BoS meeting on 06.05.2019 at 10.30AM - Civil Dept, RVCE, Bengaluru

3 messages

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>
To: ravishankar@civildiagnosics.com

Tue, Apr 30, 2019 at 11:03 AM

Er. Ravishankar M

Chief Executive Officer

V2 Civil Diagnostics Private Limited

153/2, MRB Arcade, Next to ICICI Bank,

Bagalur Main Road, IAF Post, Yalahanka

Bengaluru – 560 063.

Ph: 98456 97663

E mail: ravishankar@civildiagnosics.com

Respected Sir,

Greetings from Department of Civil Engineering, R V College of Engineering, Bengaluru.

I invite you as special invitee for the BoS meeting on Monday, 06.05.2019 at 10.30AM in the Department of Civil Engineering, RVCE, Bengaluru. Agenda of the meeting

1. 2018 Scheme for 3rd to 8th Semester B E Civil Engineering
2. Syllabus for 3rd and 4th semester
3. Elective finalization for 5th, 6th and 7th Semester – 2018 scheme
4. Design thinking lab

You are requested to participate in the meeting and give your valuable inputs.

--

Thanks & Regards,

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



Er. Ravishankar M.PDF
257K

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>
To: ravishankar@duramaterials.in

Tue, Apr 30, 2019 at 11:26 AM

[Quoted text hidden]



Er. Ravishankar M.PDF
257K

Ravishankar m <ravishankar@civildiagnosics.com>
To: "HOD Dept. of Civil, RVCE" <hod_civil@rvce.edu.in>

Tue, Apr 30, 2019 at 4:18 PM

Dear Sir,

Thanks for your mail inviting me to the BoS meeting on Monday, 6th May 2019. I confirm my presence and I will be there by 10.00 am.

Thanks & Regards
Ravishankar M

Sent from my iPhone
[Quoted text hidden]

<Er. Ravishankar M.PDF>



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06.05.2019


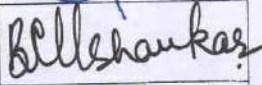
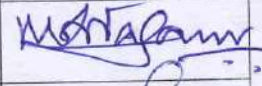
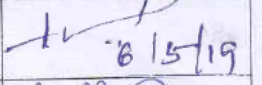
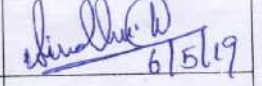
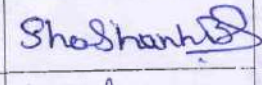
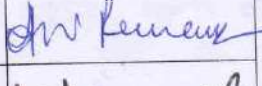
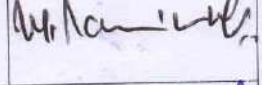
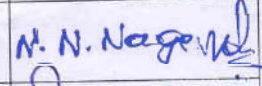
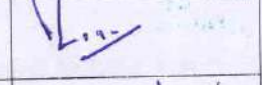
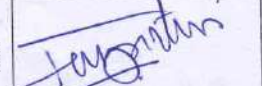

Minutes of 23rd BoS Meeting

Agenda:

1. 2018 Scheme for 3rd to 8th Semester B E Civil Engineering
2. Syllabus for 3rd and 4th semester
3. Elective finalization for 5th, 6th and 7th Semester – 2018 scheme
4. Design thinking lab

Following members attended the 23rd BoS Meeting of Civil Engineering Board on 06.05.2019.

Members Present:

Sl No	Name of the members	Designation	Institution	Signature
1	Dr. Radhakrishna, Chairman	Professor & Head	Dept of Civil Engineering , RVCE	
2	Dr. B C Udayashankar, Member	Professor	Dept of Civil Engineering, RVCE, Bengaluru	
3	Dr. M S Nagakumar, Member	Professor	Dept of Civil Engineering, RVCE, Bengaluru	
4	Dr. A R Vinod, Member	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	
5	Prof. Sindhu D, Member	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	
6	Prof. Shashank B S, Member	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	
7	Dr. H N Ramesh, Subject Expert	Principal	Principal, UVCE, Bengaluru	
8	Er. Ravishankar M, Special Invitee	Chief Executive Officer	V2 Civil Diagnostics Private Limited, Bengaluru	
9	Er. Nagendra Kumar, Industry Representative	Consultant	Resident Director, Sterling Engineering, Bengaluru	
10	Er. B V Nagesh, Industry Representative	Consultant	Nagesh Structural Consultants, Bengaluru	
11	Dr. Jayanthi, Industry Representative	Senior Environmental Specialist	M/s. SMEC India Pvt Ltd, (Member of Surbana Jurang Group), Bengaluru	
12	Dr. G.S.Manjunath, Meritorious Alumnus	Professor,	Department of Civil Engineering, KLS Gogte Institute of Technology, Belagavi	



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Department of Civil Engineering

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Dr. Radhakrishna, Chairman greeted all BoS members. The minutes of 22nd BoS meeting and action taken were read and recorded. BoS chairman briefed the following

1. The agenda and about the recent development at RVCE particularly at Department of Civil Engineering
2. The reduction in credits from 200 (2016 scheme) to 175 (2018 scheme) as per AICTE guidelines.
3. Inclusion of design thinking lab, internship, online courses in 2018 scheme and highlighted provision for BE honours degree by earning 20 credits extra through online certification courses (spread across III to VII sem).
4. 2018 scheme of 3rd to 8th Semester and syllabus of 3th and 4th semester B.E Civil Engineering.

Following observations and suggestions were made by the BoS members after brief discussion:

- 1- Dr. H N Ramesh suggested to retain extensive survey camp in place of minor project preferably 7th Semester.
- 2- Dr Jayanthi insisted for changes in Environmental Technology syllabus and insisted to include core civil members (Environmental experts) to Bio Technology BoS board.
- 3- Dr. H N Ramesh seeked clarification about the process of evaluation for CIE and SEE and the same was clarified by BoS Chairman
5. Er. Nagendra Kumar suggested that, the assessment of assignment including suggestion of topic and evaluation should be time bound.
6. Dr. H N Ramesh insisted to conduct only two CIE and one compensatory test as CIE – III.
7. Dr. H N Ramesh highlighted the high work load on the teachers for non-technical activities and he insisted upon giving more time for R&D to teachers
8. Dr. H N Ramesh and Dr.Jayanthi suggested to include research component for assignment as an alternative assessment tool.
9. Er.Nagendra Kumar suggested to incorporate professional ethics as mandatory course in curriculum.
- 10.Dr. Jayanthi insisted to introduce Carbon Footprint as an open elective.
11. Er.Nagendra Kumar suggested making arrangements to exhibit engineering materials to have a feel by students as part of curriculum
- 12.Er: Nagendra Prasad suggested that the physical soil samples of all classes of soil should be shown to students
- 13.Er. B.V Nagesh suggested to include self-learning as part of Design Thinking and same should be discussed by the students. Further, suggestions from Students, Faculty , alumni and industry, IQAC were considered while modifying the syllabus.
14. Chairman Dr.Radhakrishna appraised the changes made based on suggestions from alumni, IQAC, Industry, Faculty and students such as incorporation of new course Green building systems and embodied energy, Innovative teaching methods adopted, ICT tools usage, Software Training on Structural Analysis, Building design.



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13. Er. B V Nagesh suggested to replace internship with industrial visit and guest lectures and assessment method must be as CIE.
14. All BoS members suggested that, the process for B. E honors should be unbiased and impartial.
15. Er. B V Nagesh suggested that, elective courses Bridge Engineering and Marine Structures to be introduced in different semesters.
16. Dr. G.S.Manjunath suggested to reduce number of open electives and accommodate core courses.
17. Dr. G.S.Manjunath suggested to include the concept of compass surveying, trigonometric leveling and use of theodolite in curve setting.
18. Er. Ravishankar suggested to incorporate the development of some in-house project work for internship.
19. It was discussed and found that all courses are in line with Vision and Mission of Department and Institution.
20. PEO's and PO's of B. E Civil Engineering were discussed and fine-tuned.
21. For all the proposed courses CLO's, CO's and mapping of CO – PO was discussed and fine-tuned.
22. 2018 scheme was discussed and finalized and the same may be sent to academic council for approval.
23. Dr. B V Nagesh suggested to include online courses in curriculum as electives in 5th and 6th Semester.
24. Professional elective and open electives for 5th, 6th and 7th semester were discussed and finalized. It was decided to offer four courses in different streams of Civil Engineering.


CHAIRMAN
BOARD OF STUDIES
Dept. of Civil Engg
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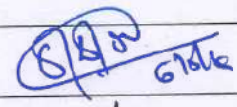
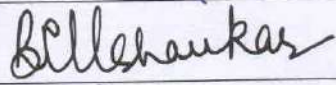
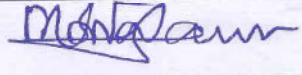
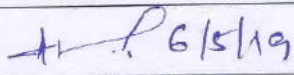

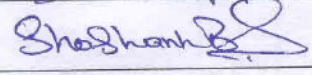
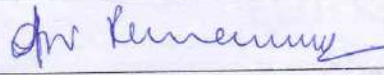
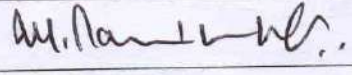
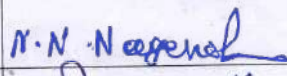
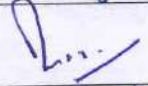
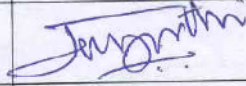
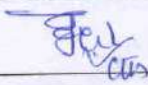
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Meeting was concluded by the chairman thanking all the members present.

Sl No	Name of the members	Designation	Signature
1	Dr. Radhakrishna, Chairman	Professor & Head	
2	Dr. B C Udayashankar, Member	Professor	
3	Dr. M S Nagakumar, Member	Professor	
4	Dr. A R Vinod, Member	Associate Professor	
5	Prof. Sindhu D, Member	Assistant Professor	
6	Prof. Shashank B S, Member	Assistant Professor	
7	Dr. H N Ramesh, Subject Expert	Principal	
8	Er. Ravishankar M, Special Invitee	Chief Executive Officer	
9	Er. Nagendra Kumar, Industry Representative	Consultant	
10	Er. B V Nagesh, Industry Representative	Consultant	
11	Dr. Jayanthi, Industry Representative	Senior Environmental Specialist	
12	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	


Chairman BOS 6/5/19
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Invitation for BoS meeting on 17.12.2019 at 10.30AM - Civil Dept, RVCE, Bengaluru

1 message

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>
To: drjyanthi1407@gmail.com

Tue, Dec 10, 2019 at 12:33 PM

To:

Dr. Jayanthi
Senior Environmental Specialist
M/s. SMEC India Pvt Ltd, (Member of Surbana Jurang Group),
#324, II Cross, II Stage, Dollars Colony,
Bengaluru – 560094, Mob: 9449216906

Email: drjyanthi1407@gmail.com

Respected Madam,

Greetings from Department of Civil Engineering, RV College of Engineering, Bengaluru.

I invite you as industry representative for the BoS meeting on Tuesday, 17.12.2019 at 10.30AM in the Department of Civil Engineering, RVCE, Bengaluru. Agenda of the meeting

1. Syllabus for 5th and 6th semester, B E Civil Engineering, 2018 scheme
2. Methodology for Design thinking lab
3. Discussion on Electives– 2018 scheme for 7th Semester, B E Civil Engineering
4. Online courses
5. Exposure to industry for 8th semester B E Civil Engineering students – weekly two days
6. Result analysis
7. Any other topic with the permission of the chair

You are requested to participate in the meeting and give your valuable inputs.

--

Thanks & Regards,

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



Dr. Jayanthi.PDF
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17.12.2019


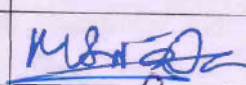
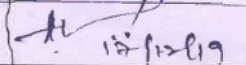

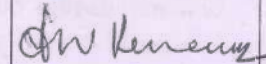
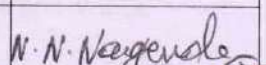
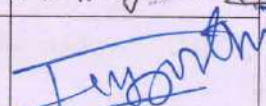
Minutes of 24th BoS Meeting

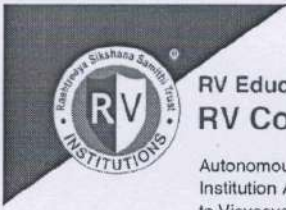
Agenda:

1. Syllabus for 5th and 6th semester, B E Civil Engineering, 2018 scheme
2. Methodology for Design thinking lab
3. Discussion on Electives- 2018 scheme for 7th Semester, B E Civil Engineering
4. Online courses
5. Exposure to industry for 8th semester B E Civil Engineering students – weekly two days
6. Result analysis
7. Any other topic with the permission of the chair

Following members attended the 24th BoS Meeting of Civil Engineering Board on 17.12.2019.

Members Present:

Sl No	Name of the members	Designation	Institution	Signature
1	Dr. Radhakrishna, Chairman	Professor & Head	Dept of Civil Engineering, RVCE	
2	Dr. B C Udayashankar, Member	Professor	Dept of Civil Engineering, RVCE, Bengaluru	Leave of Absence
3	Dr. M S Nagakumar, Member	Professor	Dept of Civil Engineering, RVCE, Bengaluru	
4	Dr. A R Vinod, Member	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	
5	Prof. Sindhu D, Member	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	Leave of Absence
6	Prof. Sunil S, Member	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	
7	Dr. H N Ramesh, Subject Expert	Professor, Civil Engineering and Principal, UVCE	Principal, UVCE, Bengaluru	
8	Er. Nagendra Kumar N N Industry Representative	Consultant	Resident Director, Sterling Engineering, Bengaluru	
9	Dr. Jayanthi Nagakumar Industry Representative	Senior Environmental Specialist	M/s. SMEC India Pvt Ltd, (Member of Surbana Jurang Group), Bengaluru	
10	Prof. G. L. Sivakumar Babu VTU Nominee	Professor	Dept. of Civil Engineering, Indian Institute of Science, Bengaluru	Leave of Absence
11	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	Department of Civil Engineering, KLS Gogte Institute of Technology, Belagavi	Leave of Absence



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Dr. Radhakrishna, Chairman greeted all BoS members. The minutes of 23rd BoS meeting and action taken were read and recorded. BoS chairman briefed the following,

1. The agenda and about the recent development at RVCE particularly at Department of Civil Engineering.
2. Discussion on Design Thinking Lab, Online Courses, certificate courses on Industrial safety and workshop on Artificial Intelligence, Machine Learning and Data analysis in Civil Engineering in 2018 scheme.
3. 2018 scheme of 3rd to 8th semester and syllabus of 5th and 6th semester B.E Civil Engineering.

Following observations and suggestions were made by the BoS members after brief discussion:

1. Dr. Jayanthi suggested a change in title of the 6th semester global – elective as Risk Assessment and Disaster Management instead of Disaster Management.
2. Dr. H. N. Ramesh suggested that one course along with Major project in 8th semester.
3. Er. Nagendra Kumar N N insisted to take the assessment marks and attendance from the external examiners for industry- based project/ major projects
4. Dr. Jayanthi insisted to incorporate technical seminar in curriculum.
5. All BoS members suggested that Design Thinking Lab is a good initiative in the curriculum and problem statements of present scenario should be identified for Design Thinking Lab.
6. BoS members suggested some areas for Design Thinking Lab Energy, Transportation and water.
7. Dr. Jayanthi suggested to conduct certificate courses on Industrial safety for students.
8. BoS members suggested to organize workshop on Artificial intelligence, Machine Learning and Data Analysis in Civil Engineering, keeping in view the feedback from Alumni, Industry and IQAC to have industry relevant courses and to reduce gap between theory and practice.
9. All BoS members agreed that MOOC courses as elective will benefit the students in large way.
10. 7th and 8th semester core and elective syllabus were discussed.



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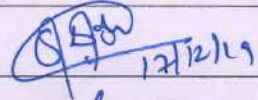
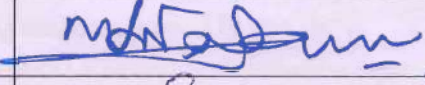
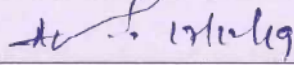
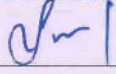
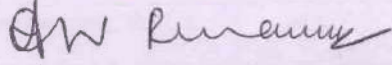
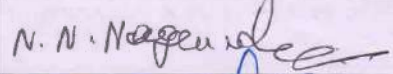
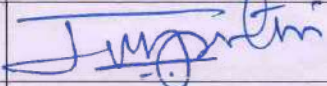
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Meeting was concluded by the chairman thanking all the members present.

Sl No	Name of the members	Designation	Signature
1	Dr. Radhakrishna, Chairman	Professor & Head	
2	Dr. B C Udayashankar, Member	Professor	Leave of Absence
3	Dr. M S Nagakumar, Member	Professor	
4	Dr. A R Vinod, Member	Associate Professor	
5	Prof. Sindhu D, Member	Assistant Professor	Leave of Absence
6	Prof. Sunil S Member	Assistant Professor	
7	Dr. H N Ramesh, Subject Expert	Professor, Civil Engineering and Principal, UVCE	
8	Er. Nagendra Kumar N N Industry Representative	Consultant	
9	Dr. Jayanthi Nagakumar Industry Representative	Senior Environmental Specialist	
10	Prof. G. L. Sivakumar Babu VTU Nominee	Professor	Leave of Absence
11	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	Leave of Absence


Chairman BOS 12/12/19
Dept. of Civil Engg
CHAIRMAN
BOARD OF STUDIES
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HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>

Invitation for BoS meeting on 19.02.2020 at 10.00AM - Civil Dept, RVCE, Bengaluru

1 message

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>
To: nagendra@sterlingblr.com

Sat, Feb 8, 2020 at 11:22 AM

To:

Er. Nagendra Kumar, Consultant
Sterling Engineering, Bangalore
Ph: 9845038100

Mail: nagendra@sterlingblr.com

Respected Sir,

Greetings from Department of Civil Engineering, RV College of Engineering, Bengaluru.

I invite you as industry representative for the BoS meeting on Wednesday, 19.02.2020 at 10.00AM in the Department of Civil Engineering, RVCE, Bengaluru. Agenda of the meeting

1. Syllabus finalization of 5th and 6th semester, B E Civil Engineering, 2018 scheme
2. Discussion on PG technical seminar (2 credit course)
3. MOOC courses
4. Discussion on Design Thinking Lab continued
5. Any other topic with the permission of the chair

You are requested to participate in the meeting and give your valuable inputs.

--

Thanks & Regards,

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



Er. Nagendra Kumar.PDF

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Department of Civil Engineering

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Ref. No. RVE/CE/1146/2019-20

Date: 19.02.2020

Minutes of 25th BoS Meeting

Agenda:

1. Syllabus finalization of 5th and 6th semester, B E Civil Engineering, 2018 scheme
2. Discussion on PG technical seminar (2 credit course)
3. MOOC courses
4. Discussion on Design Thinking Lab continued
5. Any other topic with the permission of the chair

Following members attended the 25th BoS Meeting of Civil Engineering Board on 19.02.2020.

Members Present:

Sl No	Name of the members	Designation	Institution	Signature
1	Dr. Radhakrishna, Chairman	Professor & Head	Dept of Civil Engineering, RVCE	
2	Dr. B C Udayashankar, Member	Professor	Dept of Civil Engineering, RVCE, Bengaluru	
3	Dr. M S Nagakumar, Member	Professor	Dept of Civil Engineering, RVCE, Bengaluru	
4	Dr. A R Vinod, Member	Associate Professor	Dept of Civil Engineering, RVCE, Bengaluru	
5	Prof. Sindhu D, Member	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	
6	Prof. Sunil S, Member	Assistant Professor	Dept of Civil Engineering, RVCE, Bengaluru	
7	Prof. G. L. Sivakumar Babu VTU Nominee	Professor	Dept. of Civil Engineering, IISc, Bengaluru	
8	Dr. H N Ramesh, Subject Expert	Professor & Principal	Dept. of Civil Engineering, UVCE, Bengaluru	
9	Er. Nagendra Kumar N N Industry Representative	Consultant	Resident Director, Sterling Engineering, Bengaluru	
10	Dr. Jayanthi Nagakumar Industry Representative	Senior Environment al Specialist	M/s. SMEC India Pvt Ltd, (Member of Surbana Jurang Group), Bengaluru	
11	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	Department of Civil Engineering, KLS Gogte Institute of Technology, Belagavi	



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Department of Civil Engineering

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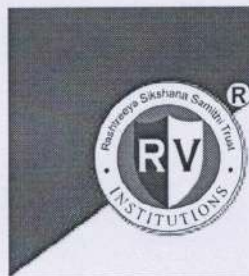
Dr. Radhakrishna, Chairman greeted all BoS members.

The following points were discussed:

Agenda #	Discussions and Resolutions
25.1	Meeting minutes of 24 th (Previous) Board of Studies
<ul style="list-style-type: none"> The minutes of 24th BoS meeting and action taken were read and recorded. 	

Agenda #	Discussions and Resolutions
25.2	Syllabus finalization of 5 th and 6 th semester, B E Civil Engineering, 2018 scheme
<p>BoS chairman appraised 5th and 6th semester 2018 scheme to BoS members highlighting changes made based on feedback from alumni, Students, Faculty and industry. Curriculum was approved by BoS members with minor changes in the syllabus.</p> <ul style="list-style-type: none"> Dr. GL Shivakumar Babu appreciated for introducing IPRE course and suggested HSS board to make a cluster of respective departments to formulate the syllabus for the same and same was agreed by members. Dr Jayanthi suggested replacing Ground Water Hydrology with Integrated Watershed Management for 6th semester Group C elective and same was approved by members. Members approved to modify title of Solid Waste Management to Municipal and Plastic Waste Management for 6th semester Group C elective. 	

Agenda #	Discussions and Resolutions
25.3	Discussion on PG technical seminar (2 credit course)
<ul style="list-style-type: none"> Dr. HN Ramesh insisted to follow only AICTE regulations regarding conduction of SEE for PG seminar. Dr. Ravindra R special invitee suggested the BoS members to decide the extent of topics to be choosen for PG seminar and same was approved by BoS members. Members suggested to choose topics in emerging areas preferably from Artificial Intelligence, Machine Learning, Data science etc., including statistical analysis. 	



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Agenda #	Discussions and Resolutions
25.4	MOOC courses
	<ul style="list-style-type: none"> • Dr. HN Ramesh insisted to follow modalities as per AICTE regulations regarding conduction of MOOC courses. • Members suggested to give flexibility for students in choosing MOOC course and strongly objected to combine MOOC courses with elective courses. • Dr. G S Manjunath suggested to include credits for MOOC courses in 8th semester grade card since ambiguity in time schedule of online courses. • BoS Members suggested introducing MOOC course for PG programme also. • BoS external members authorized HOD, Internal BoS members and all faculties to take decision of selecting MOOC courses and same was agreed by BoS Chairman.

Agenda #	Discussions and Resolutions
25.5	Discussion on Design Thinking Lab continued
	<ul style="list-style-type: none"> • Dr. Anjaneyappa briefed about the topics covered and mode of conduction of Design Thinking Lab to members. • Dr. G L Shivakumar Babu appreciated the introduction of Design Thinking Lab as a part of <u>creative thinking and also suggested guidelines and evaluation process to be incorporated as per reputed foreign universities like Massachusetts Institute of Technology, Stanford University and any other and same was approved by members.</u> • Dr. Jayanthi suggested to have regular monitoring of students for Design Thinking Lab and same was agreed by BoS members.

Agenda #	Discussions and Resolutions
25.6	Any other topic with the permission of the chair- Discussion on Equivalence-Credit balance 2012 to 2016 and 2016 to 2018 Scheme
	<ul style="list-style-type: none"> • Dr. B G Anand Kumar explained about credit allocation for 2012 scheme, 2016 scheme and 2018 scheme and informed about credit balance. • BoS members authorized Equivalence committee to take decision on credit balance for old scheme students (if any).



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Varuna M <varunam@rvce.edu.in>

Fwd: Invitation for online BoS meeting on 07.06.2021 at 10.15AM - Civil Dept

1 message

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>
To: Varuna M <varunam@rvce.edu.in>

Tue, Jun 18, 2024 at 10:31 AM

----- Forwarded message -----

From: **HOD Dept. of Civil, RVCE** <hod_civil@rvce.edu.in>
Date: Tue, Jun 1, 2021 at 1:16 PM
Subject: Invitation for online BoS meeting on 07.06.2021 at 10.15AM - Civil Dept
To: <galis.manjunath@gmail.com>, Manjunath G.S. <gsmanjunath@git.edu>

Respected Sir,

In continuation of telephonic conversation, you are invited to participate in 26th BoS meeting scheduled on Monday, 7th June 2021 at 10.15AM. Cisco webex link will be shared to you separately through e-mail.

The invitation is attached with this mail.

Kindly provide the following details:

Your Name:
Bank Ac no.
IFSC Code:
PAN:

--

Thanks & Regards,

Dr. Radhakrishna

Professor and Head
Dept. of Civil Engg.
RVCE, Bengaluru
Ph: 080-68188185

--

Thanks & Regards,

Dr. Radhakrishna

Professor and Head
Dept. of Civil Engg.
RVCE, Bengaluru
Ph: 080-6818 8185



BoS meeting Invitation- Dr. G.S.Manjunath.pdf

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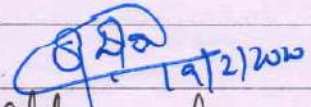
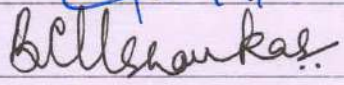
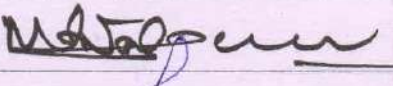
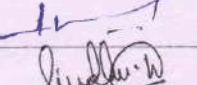

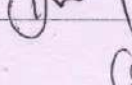
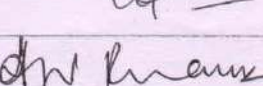
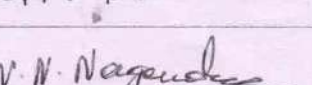
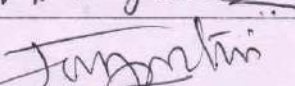
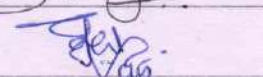

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by NAAC, Bengaluru

Department of Civil Engineering

Phone: 080-67178087, 8088 : e-mail: hod_civil@rvce.edu.in

Meeting was concluded by the chairman thanking all the members present

Sl No	Name of the members	Designation	Signature
1	Dr. Radhakrishna, Chairman	Professor & Head	 19/2/2020
2	Dr. B C Udayashankar, Member	Professor	
3	Dr. M S Nagakumar, Member	Professor	
4	Dr. A R Vinod, Member	Associate Professor	
5	Prof. Sindhu D, Member	Assistant Professor	
6	Prof. Sunil S, Member	Assistant Professor	
7	Prof. G. L. Sivakumar Babu VTU Nominee	Professor	
8	Dr. H N Ramesh, Subject Expert	Professor & Principal	
9	Er. Nagendra Kumar N N Industry Representative	Consultant	
10	Dr. Jayanthi Nagakumar Industry Representative	Senior Environmental Specialist	
11	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	



Department of Civil Engineering

Phone: 080-68188185, 8186: e-mail: hod_civil@rvce.edu.in

Ref. No: RVE/CE/ 100 /2021-22

Date: 07.06.2021

Minutes of 26th BOS Meeting

Agenda:

1. Review of I to VI Semester 2018 scheme, B.E. Civil Engineering
2. Finalisation of VII and VIII semester 2018 scheme and syllabus of B.E. Civil Engineering

Following members attended 26th BoS meeting of Civil Engineering Board through online platform (Cisco Webex) on 7.6.2021 were present in the meeting:

Sl. No.	Name of the members	Designation	Institution	Signature
1.	Dr. Radhakrishna, Chairman	Professor & Head	Dept. of Civil Engineering, RVCE	Online Platform (Cisco Webex)
2.	Prof. G. L. Sivakumar Babu, VTU Nominee	Professor	Dept. of Civil Engineering, IISc, Bengaluru	
3.	Dr. H N Ramesh, Subject Expert	Professor & Principal	Dept. of Civil Engineering, UVCE, Bengaluru	
4.	Er. Nagendra Kumar N N Industry Representative	Consultant	Resident Director, Sterling Engineering, Bengaluru	
5.	Dr. Jayanthi Nagakumar Industry Representative	Senior Environmental Specialist	M/s. SMEC India Pvt Ltd, (Member of Surbana Jurang Group), Bengaluru	
6.	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	Department of Civil Engineering, KLS Gogte Institute of Technology, Belagavi	
7.	Dr. B C Udayashankar, Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru	
8.	Dr. M S Nagakumar, Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru	
9.	Dr. A R Vinod, Member	Associate Professor	Dept. of Civil Engineering, RVCE, Bengaluru	
10.	Prof. Sindhu D, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru	
11.	Prof. Sunil S, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru	



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Dr. Radhakrishna, Chairman greeted all BoS members.

The following points were discussed:

Agenda #	Discussions and Resolutions
26.1	Overview of Civil Department
	<ul style="list-style-type: none">BoS chairman appraised on following key points<ol style="list-style-type: none">RVCE secured AAA grade in NPTEL.RVCE is planning to implement National Education Planning (NEP) policy.Design Thinking Lab is effectively implemented and quality outcome is obtained.Usage of Information and Communication Technologies (ICT) tools effectively in the pandemic time.Indian Concrete Institute awarded Best student chapter for the year 2020.Concrete fair and Alumni meet for the year 2020 was conducted successfully through online platform.Feedback from Alumni, Faculty and Industry for revision of syllabus.Review of I to VI Semester 2018 scheme, B.E. Civil Engineering.

Agenda #	Discussions and Resolutions
26.2	Finalisation of VII and VIII semester 2018 scheme and syllabus of B.E. Civil Engineering
	<ul style="list-style-type: none">BoS chairman appraised 7th and 8th semester 2018 scheme to BoS members and curriculum was approved by BoS members with minor changes in the syllabus.The following new courses were finalized - Internship-18CV74, Industrial Wastewater Treatment-18CV7F3, Hydraulic Structures-18CV7F4.Er. Nagendra Kumar N N suggested to use modern equipment's in extensive survey camp and also suggested to identify various fields in Civil Engineering for students to do internship.Er. Nagendra Kumar N N suggested to incorporate software's related to the courses.Dr G.S.Manjunath, suggested to add other building materials and recycled materials in the course Alternative Building Materials and Technologies.BoS chairman explained 8th semester Major Project guide allotment and evaluation process to Dr G.S.Manjunath for his queries.As per the suggestion of BoS chairman three different groups were formed based on specialization to incorporate changes in the syllabus.

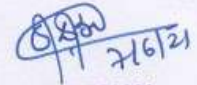


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Agenda #	Discussions and Resolutions
26.3	Group discussions
	<ul style="list-style-type: none"> • Dr. G L Shivakumar Babu and Dr. HN Ramesh suggested minor changes in the syllabus of Foundation Engineering and Pavement Materials and Design and the same was incorporated. The course Transportation Engineering was accepted without any changes. • Er. Nagendra Kumar N N and Dr. G.S.Manjunath suggested minor changes for the courses Advanced Design of RCC structures, Pre stressed Concrete, Alternative Building Materials and Technologies and Valuation Engineering and the same was incorporated. • Dr. Jayanthi Nagakumar suggested to have some mini projects as a part of experiential learning for the courses Industrial Waste Water Treatment, Environmental Impact Assessment, Solid waste Management and Statutory Rules, Hydraulic Structures and Ground Water Hydrology.

Agenda #	Discussions and Resolutions
26.4	Any other topic with the permission of the chair
	<ul style="list-style-type: none"> • BoS Chairman highlighted the suggestions from industry and subsequent Changes in the curriculum for the course Environmental Technology. Use of ICT Tools for teaching like LCD Projectors, Smart Digital interactive boards for interactive class rooms, incorporation of flipped classes, experiential learning, extensive survey etc. were discussed. External BoS Members appreciated the same.


CHAIRMAN
BOARD OF EXAMINERS
Department of Civil Engineering
RV College of Engineering
Mysuru Road, Bengaluru-560059

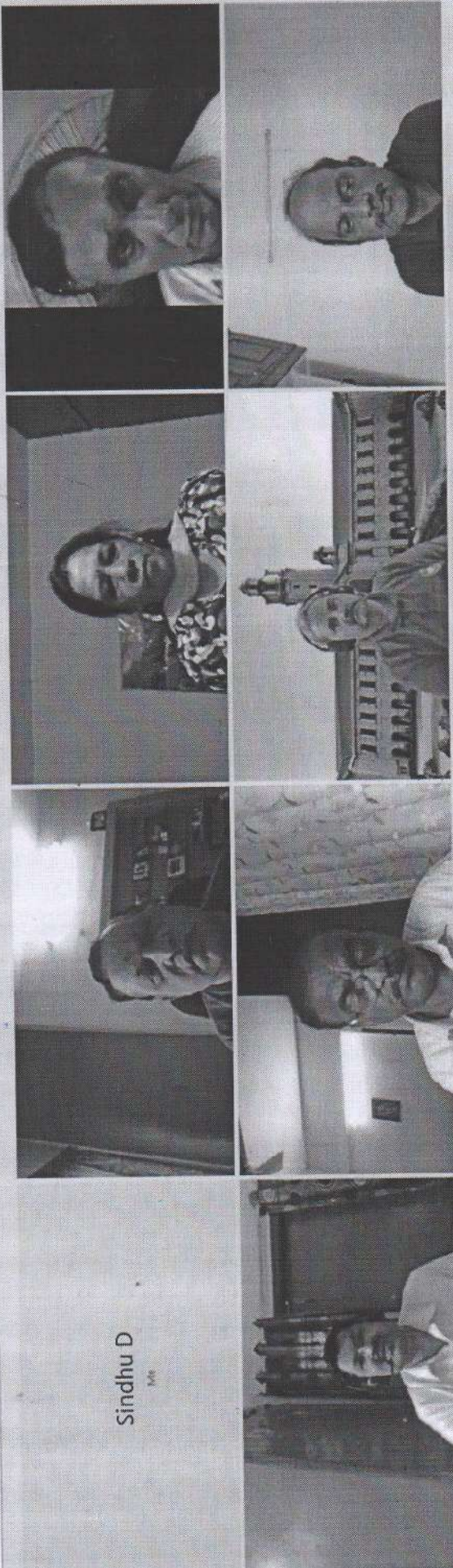


Meeting was concluded by the chairman Bos, thanking the members present in the meeting.

Sl. No.	Name of the members	Designation	Signature
1.	Dr. Radhakrishna, Chairman	Professor & Head	Online Platform (Cisco Webex)
2.	Prof. G. L. Sivakumar Babu, VTU Nominee	Professor	
3.	Dr. H N Ramesh, Subject Expert	Professor & Principal	
4.	Er. Nagendra Kumar N N Industry Representative	Consultant	
5.	Dr. Jayanthi Nagakumar Industry Representative	Senior Environmental Specialist	
6.	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	
7.	Dr. B C Udayashankar, Member	Professor	
8.	Dr. M S Nagakumar, Member	Professor	
9.	Dr. A R Vinod, Member	Associate Professor	
10.	Prof. Sindhu D, Member	Assistant Professor	
11.	Prof. Sunil S, Member	Assistant Professor	

Speaking: NAGENDRA KUMAR

Sindhu D



sunilkumars@rvce.edu.in

sunil s

NAGENDRA KUMAR

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Participants

Chat

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HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>

Invitation for online BoS meeting on 07.06.2021 at 10.15AM - Civil Dept

1 message

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>
To: gls@civil.iisc.ernet.in, glsivakumar@gmail.com

Tue, Jun 1, 2021 at 1:13 PM

Respected Sir,

In continuation of telephonic conversation, you are invited to participate in 26th BoS meeting scheduled on Monday, 7th June 2021 at 10.15AM. Cisco webex link will be shared to you separately through e-mail.

The invitation is attached with this mail.

Kindly provide the following details:

Your Name:
Bank Ac no.
IFSC Code:
PAN:

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Thanks & Regards,

Dr. Radhakrishna

Professor and Head
Dept. of Civil Engg.
RVCE, Bengaluru
Ph: 080-68188185



BoS meeting Invitation- Prof. G. L. Sivakumar Babu.pdf
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Ref. No: RVE/CE/ 252 /2021-22

Date: 26.08.2021

Agenda:

1. To read and record Minutes of Meeting held on 7.6.2021.
2. National Education Policy – 2020.
3. Discussion of I Year syllabus as per NEP 2020.
4. Any other subject.

Following members attended 27th BoS meeting of Civil Engineering Board through online platform (Cisco Webex) on 26.08.2021:

Sl. No.	Name of the members	Designation	Institution	Signature	
1.	Dr. Radhakrishna, Chairman	Professor & Head	Dept. of Civil Engineering, RVCE	Online Platform (Cisco Webex)	
2.	Prof. G. L. Sivakumar Babu, VTU Nominee	Professor	Dept. of Civil Engineering, IISc, Bengaluru		
3.	Dr. H N Ramesh, Subject Expert	Professor & Principal	Dept. of Civil Engineering, UVCE, Bengaluru		
4.	Er. Nagendra Kumar N N Industry Representative	Consultant	Resident Director, Sterling Engineering, Bengaluru		
5.	Dr. Jayanthi Nagakumar Industry Representative	Senior Environment al Specialist	M/s. SMEC India Pvt Ltd, (Member of Surbana Jurang Group), Bengaluru		
6.	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	Department of Civil Engineering, KLS Gogte Institute of Technology, Belagavi		
7.	Dr. B C Udayashankar, Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru		
8.	Dr. M S Nagakumar, Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru		
9.	Dr. A R Vinod, Member	Associate Professor	Dept. of Civil Engineering, RVCE, Bengaluru		Leave of Absence
10.	Prof. Sindhu D, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru		Online Platform (Cisco Webex)
11.	Dr. Sunil S, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru		



Department of Civil Engineering

Phone: 080-68188185, 8186; e-mail: hod_civil@rvce.edu.in

Dr. Radhakrishna, Chairman greeted all BoS members.

The following points were discussed:

Agenda #	Discussions and Resolutions
27.1	To read and record Minutes of Meeting held on 7.6.2021
	<ul style="list-style-type: none">• Bos chairman read and recorded the previous BoS Minutes of Meeting.• BoS chairman appraised on following points.<ol style="list-style-type: none">1. Vision and Mission of department of Civil Engineering.2. RVCE, now has a direct access to seamless connectivity in the form of metro rail station (Pattanagere).3. Dr. Anjaneyappa has been appointed as a member of Technical Advisory Committee (TAC-Road Infrastructure and Devoplment) at Bruhat Bengaluru Mahanagara Palike, GoK.4. Dr. T Raghavendra and Dr. M Lokeshwari were awarded a grant of 3.00 lakhs by Vision Group on Science and Technology for the Project titled "Utilization of alumina waste for novel mix design in the development of Controlled Low strength Materials".

Agenda #	Discussions and Resolutions
27.2	National Education Policy – 2020.
	<ul style="list-style-type: none">• Qualification Type and Credit Requirements for UG, PG and Ph.D. programme were disseminated.<ol style="list-style-type: none">1. Level 5 - Undergraduate Certificate for those who exit after the first year (two semesters) of the undergraduate programme.2. Level 6 - Undergraduate Diploma for those who exit after two years (four semesters) of the undergraduate programme.3. Level 7 - Bachelor' Degree (Programme duration: Three years or six semesters).4. Level 8 - Bachelor' Degree (Honours/Research) (Programme duration: Four years or eight semesters).5. Level 8 - Post-Graduate Diploma for those who exit after the successful completion of the first year or two semesters of the two-year Master's degree programme.6. Level 9 - Master's Degree (Programme duration: Two years or four semesters after obtaining a Bachelor's degree).



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- 7. Level 9- Master's Degree (Programme duration: One year or two semesters after obtaining a four-year Bachelor's Degree (Honours/Research).
- 8. Level 10 - Doctoral Degree.
- General guidelines from VTU for implementation of NEP in higher education were discussed in detail.
- Structure of Undergraduate Engineering program from AICTE and VTU breakup credits were briefed.
- Proposed breakup of credits for First Year courses was presented with reference to AICTE and VTU.

Agenda #	Discussions and Resolutions
27.3	Discussion of I Year syllabus as per NEP 2020
	<ul style="list-style-type: none"> • Bos Chairman presented draft syllabus of the Engineering Mechanics course along with various Experiential Learning methods proposed. • Teaching and assessment methods of the Engineering Mechanics course were briefed as per NEP guidelines. • Er. Nagendra Kumar N N and Dr. G.S.Manjunath suggested minor changes in Unit 5 for the course. • Dr. G L Sivakumar suggested to give importance on learning evaluation methods. • Dr. G L Sivakumar and Er. Nagendra Kumar N N insisted on giving training to the faculty members on teaching learning process.

Agenda #	Discussions and Resolutions
27.4	Any other topic with the permission of the chair
	<ul style="list-style-type: none"> • Dr. G L Sivakumar suggested to have evaluation process in the ratio of 70:30 (CIE: SEE). • Er. Nagendra Kumar N N raised a question about uniformity in the evaluation of experiential learning. • BoS chairman informed that evaluation rubrics would be provided to faculty members to ensure uniform and fair evaluation. • The external members congratulated RVCE for implementation of National Education Policy.




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Meeting was concluded by the chairman Bos, thanking the members present in the meeting.

Sl. No.	Name of the members	Designation	Signature
1.	Dr. Radhakrishna, Chairman	Professor & Head	Online Platform (Cisco Webex)
2.	Prof. G. L. Sivakumar Babu, VTU Nominee	Professor	
3.	Dr. H N Ramesh, Subject Expert	Professor & Principal	
4.	Er. Nagendra Kumar N N Industry Representative	Consultant	
5.	Dr. Jayanthi Nagakumar Industry Representative	Senior Environmental Specialist	
6.	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	
7.	Dr. B C Udayashankar, Member	Professor	
8.	Dr. M S Nagakumar, Member	Professor	
9.	Dr. A R Vinod, Member	Associate Professor	Leave of Absence
10.	Prof. Sindhu D, Member	Assistant Professor	Online Platform (Cisco Webex)
11.	Dr. Sunil S, Member	Assistant Professor	


26/8/21
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BOARD OF STUDIES
Dept. of Civil Engg
RV College of Engineering
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Participants (11)

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Dr. Radhakrishna, HoD - ... Host

BU B. C udayashankar

DN Dr. M S Nagakumar

DJ Dr. Jayanthi

DS Dr. Sunil S

GB G L Sivakumar Babu

GM G S Manjunath

NK nagendra kumar

PK Prof H N Ramesh

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Participants Chat

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26-08-2021

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Invitation for 28th BoS Meeting on 28.03.2022

1 message

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>
To: aamalaksn@gmail.com
Bcc: sindhud <sindhud@rvce.edu.in>, Sunil S <sunils@rvce.edu.in>

Tue, Mar 22, 2022 at 5:10 PM

Respected Sir,

Sub: Invitation for 28th BoS Meeting

Greetings from Department of Civil Engineering, RV College of Engineering, Bengaluru

I invite you as Meritorious Alumnus for the BoS meeting of Civil Engineering Department, RVCE, Bengaluru at 10.30AM,

Agenda of the meeting:

1. Read and Record of 27th BoS meeting
2. Presentation by BoS Chairman
3. Discussion of 2021 scheme - I - VIII semester B.E Civil Engineering
4. Discussion, finalization and approval of II year Scheme and syllabus - 2021
5. Any other matter with the permission of the chair

Venue: CE114, Dept. of Civil Engg.

Detailed Scheme for III to VIII semester along with the tentative syllabus for III and IV Sem is been attached herewith. The text marked in yellow needs discussion.

You are requested to join in the meeting and give your valuable inputs.

--

Thanks & Regards,

Dr. RadhakrishnaProfessor and Head
Dept. of Civil Engg.
RVCE, Bengaluru
Ph: 080-6818 8185

3 attachments**2021 Scheme III to VIII Sem.pdf**
294K**CV_II YEAR 2021 SCHEME AND SYLLABUS .pdf**
919K**Prof. K. Shankarnayana K.PDF**
640K



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Department of Civil Engineering

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Ref. No: RVE/CE/ 005/2022-23

Date: 28.03.2022

Agenda:

1. Read and Record of 27th BoS meeting
2. Presentation by BoS Chairman
3. Discussion of 2021 scheme – I – VIII semester B.E Civil Engineering
4. Discussion, finalization and approval of II year Scheme and syllabus – 2021
5. Any other matter with the permission of the chair

Following members attended 28th BoS meeting of Civil Engineering Board on 28.03.2022:

Sl. No.	Name of the members	Designation	Institution
1.	Dr. Radhakrishna, Chairman	Professor & Head	Dept. of Civil Engineering, RVCE
2.	Dr. Ganesan, VTU Nominee	Former Professor	Dept. of Civil Engineering, NIT, Calicut
3.	Dr. H N Ramesh, Subject Expert	Professor & Principal	Dept. of Civil Engineering, UVCE, Bengaluru
4.	Er. Nagendra Kumar N N Industry Representative	Consultant	Resident Director, Sterling Engineering, Bengaluru
5.	Dr. Jayanthi Nagakumar Industry Representative	Senior Environmental Specialist	M/s. SMEC India Pvt Ltd, (Member of Surbana Jurang Group), Bengaluru
6.	Dr. G.S.Manjunath, Meritorious Alumnus	Professor	Department of Civil Engineering, KLS Gogte Institute of Technology, Belagavi
7.	Sri. B. Govind Ramesh Special Invitee	Consultant	Agrima Roof and Facile system, Bengaluru
8.	Prof. K. Shankaranayana Special Invitee	Consultant	Consultant, Bengaluru
9.	Dr. B C Udayashankar, Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru
10.	Dr. M S Nagakumar, Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru
11.	Dr. A R Vinod, Member	Associate Professor	Dept. of Civil Engineering, RVCE, Bengaluru
12.	Prof. Sindhu D, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru
11.	Dr. Sunil S, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru



Department of Civil Engineering

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Dr. Radhakrishna, Chairman greeted all BoS members and special invitees.
The following points were discussed:

Agenda #	Discussions and Resolutions
28.1	To read and record of 27 th BoS meeting
<ul style="list-style-type: none"> Bos chairman read and recorded the previous BoS Minutes of Meeting which was held on 26.08.201 and the same was approved by all BoS memebtrs. 	

Agenda #	Discussions and Resolutions
28.2	Presentation by BoS Chairman
<ul style="list-style-type: none"> BoS chairman appraised on following points. <ol style="list-style-type: none"> Vision and Mission of department of Civil Engineering. Indo Universal Collaboration for Engineering Education - SPARC Ongoing research grants – A. Y. 2021 – 2022 	

Agenda #	Discussions and Resolutions
28.3	Discussion of 2021 scheme – I – VIII semester B.E Civil Engineering
<ul style="list-style-type: none"> Bos Chairman presented Scheme and syllabus of First Year 2021 Scheme. 2021 Credit structure for III to VIII Sem was presented. Major changes required in syllabus keeping industry requirements and feedback from alumni, faculty were discussed like industry academia Gap reduction by addition of softwares like STAAD.Pro, ETABS, REVIT, MSP etc and encouraging open ended projects. Er. Nagendra Kumar and Dr. Jayanthi suggested to include the courses Legal Responsibility and Engineering ethics. Sri. B. Govind Ramesh, suggested that the internship duration should be well distributed. Dr. Ganesan suggested to have hands on experiences, Virtual tour in the courses and also suggested to train the faculty for the present scenario. BoS Chairman discussed about the Mini Millennium and requested external BoS members to give their inputs. Dr. Ganesan suggested faculty members to be involve in research and consultancy along 	



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- with teaching.
- Dr. Ganesan suggested department to conduct short term courses for Practicing Engineers.
 - Er. Nagendra Kumar suggested to have student mentoring programme.
 - Dr. Jayanthi suggested to provide job oriented training for students in view of employment.

Agenda #	Discussions and Resolutions
28.4	Discussion, finalization and approval of II year Scheme and syllabus – 2021

- BoS chairman presented II year Scheme and syllabus – 2021
- **Dr. Ganesan and Prof. K. Shankaranayana suggested to rename the course “Mechanics of Materials” to “Mechanics of Solids”/ “Solid Mechanics”.**
- Er. Nagendra Kumar and Sri. B. Govind Ramesh suggested to include practical sessions in each unit and also suggested to provide practical issue in Experiential Learning.
- Dr. G.S. Manjunath suggested to combine few experiments on curve setting in Surveying laboratory.
- Er. Nagendra Kumar suggested to include Drone surveying either in syllabus or Experiential Learning.
- **Bos members suggested minor changes in the courses – Concrete Technology and Python Programming.**
- Dr. H.N.Ramesh suggested to include the concept of Yield of Borewell in the Fluid Mechanics course.
- Dr. Jayanthi suggested minor changes in the syllabus and also suggested to include site visits in Environmental engineering course.
- BoS members suggested changes in the syllabus for the course Building Planning and Drawing.
- BoS chairman invited Dr. Sreenivas Setty, CTO, SST Technology to brief on “Embedded System Design and IoT” to all the members.
- BoS members suggested to include Embedded System Design and IoT in the Python Programming course.
- BoS chairman informed the members that 5 to 6 faculties will be identified and will be given training on Python Programming.
- BoS chairman appraised that the topics which are not covered in the syllabus will be part of Experiential Learning and the same will be mentioned in the Lesson Plan of the respective courses.



Department of Civil Engineering

Phone: 080-68188185, 8186: e-mail: hod_civil@rvce.edu.in

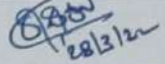

Agenda #	Discussions and Resolutions
28.5	Any other matter with the permission of the chair
	<ul style="list-style-type: none">• BoS chairman has assured to make changes in the syllabus as suggested by the members.• BoS chairman thanked all the BoS members for their valuable inputs and being part of BoS from 2018 to 2022.• BoS chairman also informed that new committee will be formed and concluded the meeting thanking the members present in the meeting.


Professor & Head
Department of Civil Engineering
RV College of Engineering
Mysuru Road, Bengaluru-560 059



Department of Civil Engineering

Meeting was concluded by the Chairman BoS, thanking the members present in the meeting.

Sl. No	Name of the members	Designation	Signature
1	Dr. Radhakrishna, Chairman	Professor & Head	 28/3/22
2	Dr. Ganesan VTU Nominee	Professor	N. Ganesan 28/3/22
3	Dr. H N Ramesh Subject Expert	Professor & Principal	H. N. Ramesh 28/3/22
4	Er. Nagendra Kumar N Industry Representative	Senior Environmental Specialist	N. N. Nagendra
5	Dr. Jayanthi N Industry Representative	Senior Environmental Specialist	Jayanthi
6	Dr. G.S.Manjunath Meritorious Alumnus	Professor	G. S. Manjunath 28/3/22
7	Sri. B. Govind Ramesh Consultant,	Special Invite	
8	Prof. K. Shankaranayana K, Consultant,	Special Invite	K. Shankaranayana
9	Dr. B C Udayashankar Member	Professor	B. C. Udayashankar
10	Dr. M S Nagakumar, Member	Professor	M. S. Nagakumar
11	Dr. A R Vinod, Members	Associate Professor	A. R. Vinod, 28/3/22
12	Prof. Sindhu D Member	Asst. Professor	Sindhu D 28/3/22
13	Dr. Sunil SD Member	Asst. Professor	Sunil SD 28/3/22



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Ref:

To: Dr. Dr.Katta Venkata Ramana

Professor,

National Institute of Technology

Surathkal

Email: ven.nitk@gmail.com, katta@nitk.edu.in

Date: 23.11.2022

Respected Sir,

We invite you as subject expert for the BoS meeting on 7.12.2022 at 10.00AM in the Department of Civil Engineering, RVCE, Bengaluru. Agenda of the Meeting

1. Read and Record of 28th BoS Meeting
2. UG First Year 2022 Syllabus
3. Approval for 3rd and 4th of 2021 scheme
4. Approval for MOOC courses for 2018 scheme
5. Discussion on PG 2022 Scheme and Syllabus
6. Any other matter with permission of chair

Kindly make it convenient to attend the meeting.

Thanking You,

Your's Faithfully

Dr. Radhakrishna

Professor & Head

Department of Civil Engineering
RV College of Engineering
Dept. of Civil Engg.
Mysuru Road, Bengaluru-560 059



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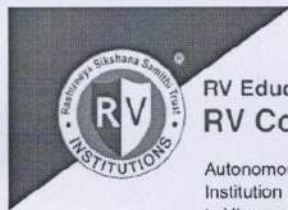
Date: 07.12.2022

Agenda:

1. Read and Record of 28th BoS meeting
2. UG First year 2022 Syllabus
3. Approval for III and IV 2021 scheme
4. Approval for MOOC courses for 2018 Scheme
5. **Discussion on PG 2022 Scheme and Syllabus**
6. Any other matter with the permission of the chair

Following members attended 29th BoS meeting of Civil Engineering Board on 07.12.2022:

Sl. No.	Name of the members	Designation	Institution
1.	Dr. Radhakrishna, Chairman	Professor & Head	Dept. of Civil Engineering, RVCE
2.	Dr. Ganesan, VTU Nominee	Former Professor	Dept. of Civil Engineering, NIT, Calicut
3.	Dr. Katta Venkata Ramana Subject Expert	Professor	Department of Civil Engineering, National Institute of Technology, Surathkal,
4.	Dr. K.C. Manjunath Subject Expert	Professor	Dept. of Civil Engg, National Institute of Engineering, Mysuru
5.	Dr. H R Shantha Rajanna Industry Expert	Engineer member	Bangalore Development Authority, Bengaluru
6.	Er. K. Shankaranayana Industry Expert	Consultant	Bengaluru
7.	Er. B. Govind Ramesh Industry Expert	Managing Director	Agrima Roof & Façade Systems, Bengaluru
8.	Er. V Gopal Distinguish Alumni	Executive Director	Prestige Group, Bengaluru
9.	Dr. B C Udayashankar, Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru
10.	Dr. M S Nagakumar, Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru
11.	Dr. A R Vinod, Member	Associate Professor	Dept. of Civil Engineering, RVCE, Bengaluru
12.	Dr. Sindhu D, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru
13.	Dr. Sunil S, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru



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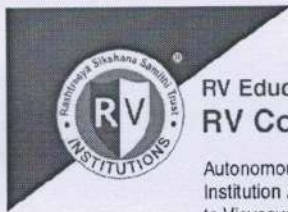
Dr. Radhakrishna, Chairman greeted all BoS members and special invitees.

The following points were discussed:

Agenda #	Discussions and Resolutions
29.1	To read and record of 28 th BoS meeting
<ul style="list-style-type: none">• Bos chairman read and recorded the previous BoS Minutes of Meeting which was held on 28.03.2022 and the same was approved by all BoS memembrs.	

Agenda #	Discussions and Resolutions
29.2	Presentation by BoS Chairman
<ul style="list-style-type: none">• BoS chairman appraised on following points.<ol style="list-style-type: none">1. Vision and Mission of department of Civil Engineering.2. Welcomed new BoS members to the committee	

Agenda #	Discussions and Resolutions
29.3	UG First year 2022 Syllabus
<ul style="list-style-type: none">• BoS Chairman presented Scheme and syllabus of First Year 2022.• BoS Chairman informed about the course of Engineering Mechanics is offered only for Civil Engineering department students only and Introduction to Civil Engineering course is offered for other department students.• Also BoS Chairman informed to committee that from the department two emerging courses Green buildings and Infrastructure to Smart Cities has been offered.• Dr Ganesan suggested Unit III of Introduction to Civil Engineering course has to be shifted to Unit I and Water Resources Engineering concepts should be added.• Dr K C Manjunath suggested to overlook Course Outcomes of first year courses.• Er Govind Ramesh and Er K. Shankaranayana suggested course titles has Engineering is human and Overview of Civil Engineering respectively instead of Introduction to Civil Engineering.• Dr Ganesan suggested to add Manufactured Sand concept in Green Buildings course.	



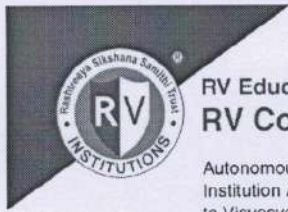
- BoS committee approved the UG first year 2022 syllabus.

Agenda #	Discussions and Resolutions
29.4	Approval for III and IV 2021 scheme
	<ul style="list-style-type: none"> • BoS chairman presented II year Scheme and syllabus – 2021 • BoS Chairman and committee members approved the III and IV 2021 scheme and syllabus. • The following is the list of new courses to be added for the scheme of B.E. Civil Engineering 2021 scheme (UG – I to VIII semester)

Sl no.	Course title	Course code
1	Statistics and Probability for Data Science	21MA41
2	Digital Land Surveying And Mapping (DLS&M)	21CV4A1
3	Construction Methods And Equipment Management	21CV4A2
4	Safety in Construction	21CV4A3
5	Infrastructure Economics	21CV4A4
6	Introduction to Accounting and Finance for Civil	21CV4A5

Agenda #	Discussions and Resolutions
29.5	Approval for MOOC courses for 2018 Scheme
	<ul style="list-style-type: none"> • BoS chairman presented MOOC courses for 2018 Scheme in V semester • BoS Chairman and committee members approved the MOOC courses for 2018 Scheme in V semester.

Agenda #	Discussions and Resolutions
29.6	Discussion on PG 2022 Scheme and Syllabus



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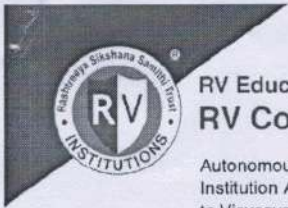
- Dr Ganesan suggested changes in the reference format for the course Ground Improvement techniques.
- Dr K C Manjunath suggested to remove pile foundations concepts instead of Deep beams concept in the course Advanced Design of Reinforced Concrete Structures and it was approved by other members.
- Dr Ganesan suggested to include concepts of strut and tie and present scenario failures of the building.
- Er K. Shankaranayana suggested to include Finite Element Method as core course if possibility provided.
- Dr. Katta Venkata Ramana suggested to include concepts of response spectrum, response control and base isolation techniques in Structural Dynamics course.
- Dr Ganesan suggested to include concept of UHPC concept in Unit V for the course Advanced Construction materials.
- BoS committee approved the PG 2022 Scheme and Syllabus

The following is the list of new courses added for M.Tech Structural Engineering as per the suggestions of stake holders.

Sl no.	Course Title	Course code
1	Analysis and Design of Structures Lab	22MST14L
2	High Rise Structures	22MST1A3T
3	Design for Safety	22MST2C2T

The following is the list of new courses added for M.Tech Highway Technology as per the suggestions of stake holders.

Sl no.	Course Title	Course code
1	Applications of MATLAB and Python in Pavement Engineering	22MHT14L
2	Differential Global Positioning Systems and Auto CAD for Highways	22MHT24L
3	Ground Improvement Techniques	22MHT1A2T
4	Reinforced Earth Panel Walls	2MHT1A3T

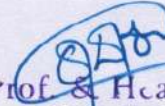


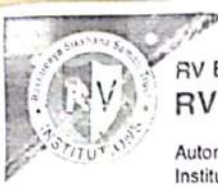
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Agenda #	Discussions and Resolutions
29.7	Any other matter with the permission of the chair
	<ul style="list-style-type: none">• BoS Chairman requested the committee members to give suggestions to attract higher ranking students to Civil Engineering Department.• Dr Ganesan and Dr Katta Venkata Ramana suggested to promote dual degree to the students like minor and major degree.• Dr Ganesan suggested to offer more courses in the department by Practicing Engineers.• Dr K C Manjunath suggested not to compromise and dilute any basic Civil Engineering courses.• BoS Chairman thanked all the committee members and concluded the meeting.

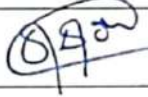

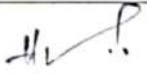
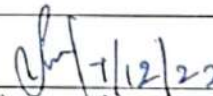
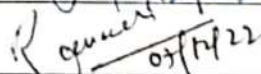

Prof. & Head 3/12/22
Dept. of Civil Engg.,
R.V. College of Engineering
Bangalore-560 059



Department of Civil Engineering

Phone: 080-68188185, 8186; e-mail: hod_civil@rvce.edu.in

Meeting was concluded by the Chairman BoS, thanking the members present in the meeting

Sl. No.	Name of the members	Designation	Signature
1.	Dr. Radhakrishna, Chairman	Professor & Head	 7/12/22
2.	Dr. Ganesan, VTU Nominee	Former Professor	Online
3.	Dr. Katta Venkata Ramana Subject Expert	Professor	Online
4.	Dr. K.C. Manjunath Subject Expert	Professor	Online
5.	Dr. H R Shantha Rajanna Industry Expert	Engineer member	Leave of Absence
6.	Er. K. Shankaranayana Industry Expert	Consultant	Online
7.	Er. B. Govind Ramesh Industry Expert	Managing Director	Online
8.	Er. V Gopal Distinguish Alumni	Executive Director	Leave of Absence
9.	Dr. B C Udayashankar, Member	Professor	 7/12/22
10.	Dr. M S Nagakumar, Member	Professor	Online
11.	Dr. A R Vinod, Member	Associate Professor	 7/12/22
12.	Dr. Sindhu D, Member	Assistant Professor	Maternity leave
13.	Dr. Sunil S, Member	Assistant Professor	 7/12/22
14.	Dr. Ravindra R Special Invitee	Associate Professor	 07/12/22

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Invitation for BoS meeting scheduled on 13.6.2023 at Dept. of Civil Engg. RVCE, Bengaluru

1 message

HOD Dept. of Civil, RVCE <hod_civil@rvce.edu.in>

Mon, Jun 12, 2023 at 10:21 AM

To: kcmnie@gmail.com

To:

Dr. K. C. Manjunath

Professor, Department of Civil Engineering,
National Institute of Engineering,
Mananthavadi Rd, Vidyanarayapura,
Mysuru, Karnataka 570008
Mob: 9448576426
Email: kcm@nie.ac.in,

Respected Sir,

Sub: **Invitation for 30th BoS Meeting**

Greetings from Department of Civil Engineering, RV College of Engineering, Bengaluru

I invite you as VTU Nominee for the BoS meeting of Civil Engineering Department, RVCE, Bengaluru on Tuesday, 13.06.2023 at 10.00AM,

Agenda of the meeting:

1. Read and Record of 29th BoS meeting
2. Presentation by BoS Chairman
3. Discussion, finalization and approval of 2021 scheme & Syllabus - V & VI semester B.E Civil Engineering
4. Discussion, finalization and approval of 2022 scheme & Syllabus - III & IV semester B.E Civil Engineering
5. Result Analysis for UG & PG program
6. Discussion, finalization and approval of MooC Courses for IV semester, B.E 2021 Scheme and I semester M.Tech 2022 Scheme.
7. Any other matter with the permission of the chair

Venue: CE114, Dept. of Civil Engg.

You are requested to attend the meeting and give your valuable inputs.

--

Thanks & Regards,

Dr. Radhakrishna

Professor and Head
Dept. of Civil Engg.
RVCE, Bengaluru
Ph: 080-6818 8185



Dr. K.C. Manjunath - NIE_.pdf
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Agenda:

1. Read and Record of 29th BoS meeting
2. Presentation by BoS Chairman
3. Discussion, finalization and approval of 2021 scheme & Syllabus - V & VI semester B.E Civil Engineering
4. Discussion, finalization and approval of 2022 scheme & Syllabus - III & IV semester B.E Civil Engineering
5. Result Analysis for UG & PG program
6. Discussion, finalization and approval of MooC Courses for IV semester, B.E 2021 Scheme and I semester M.Tech 2022 Scheme.
7. Any other matter with the permission of the chair

Following members attended 29th BoS meeting of Civil Engineering Board on 13.06.2023:

Sl. No.	Name of the members	Designation	Institution
1.	Dr. Radhakrishna, Chairman	Professor & Head	Dept. of Civil Engineering, RVCE
2.	Dr. Ganesan, VTU Nominee	Former Professor	Dept. of Civil Engineering, NIT, Calicut
3.	Dr. Katta Venkata Ramana Subject Expert	Professor	Department of Civil Engineering, National Institute of Technology, Surathkal,
4.	Dr. K.C. Manjunath Subject Expert	Professor	Dept. of Civil Engg, National Institute of Engineering, Mysuru
5.	Dr. H R Shantha Rajanna Industry Expert	Engineer member	Bangalore Development Authority, Benagaluru
6.	Er. K. Shankaranayana Industry Expert	Consultant	Bengaluru
7.	Er. B. Govind Ramesh Industry Expert	Managing Director	Agrima Roof & Façade Systems, Bengaluru
8.	Er. V Gopal Distinguish Alumni	Executive Director	Prestige Group, Bengaluru
9.	Dr. M V Renuka Devi Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru
10.	Dr. Anjaneyappa Member	Professor	Dept. of Civil Engineering, RVCE, Bengaluru
11.	Dr. Madhavi K Member	Assitant Professor	Dept. of Civil Engineering, RVCE, Bengaluru
12.	Dr. Archana M R, Member	Assistant Professor	Dept. of Civil Engineering, RVCE, Bengaluru

Dr. Radhakrishna, Chairman & HoD, Department of Civil Engineering, greeted all BoS members, faculty and special invitees.

The following points were discussed:

Dr. Radhakrishna, Chairman & HoD, Department of Civil Engineering, greeted all BoS members, faculty and special invitees.

The following points were discussed and action taken is recorded:

Agenda #	Discussions and Resolutions
30.1	Read and Record of 29 th BoS meeting
	<ul style="list-style-type: none"> The Chairman read and recorded the minutes of 29th BoS meeting with the consent and approval of BoS members.
	Action taken: All members consented for the same.

Agenda #	Discussions and Resolutions
30.2	Presentation by BoS Chairman
	<ul style="list-style-type: none"> The vision and mission of the department was discussed and was consented to be in line with the vision and mission of the institution The BoS members were appraised of the NIRF ranking of the institution as 96 and requested the cooperation of all for further improvement of the quality of education. Major achievements of the department – both faculty and students were appraised. The accreditation status of the UG and PG programs were appraised The 2021 and 2022 schemes were presented and discussed.
	Action taken: All members consented for the same.

Agenda #	Discussions and Resolutions
30.3	Discussion, finalization and approval of 2021 scheme & Syllabus - V & VI semester B.E Civil Engineering
	<ul style="list-style-type: none"> The III Year scheme and syllabus for 2021 scheme was discussed and finalized On the outset the external members appreciated the arrangements of courses to be oriented towards the vision and mission and the department and institution. Dr. Ganesan opined that the classes along with the M.Tech students can be planned for common courses Dr. Manjunath added Irrigation drawings need to be included in the course on hydrology and irrigation HoD suggested that this component of Irrigation drawings can be added as a part of Experiential Learning Dr. Ganesan suggested to have a greater number of site visits for better understanding of irrigation concepts Dr. Ravindra suggested to assign students drawings for with Experiential Learning topics HoD appraised the members that the 2022 scheme revision was undertaken due to the implementation of National Education Policy

Design and drawing of RCC

- Unit 4 – delete repeated phrase
- Unit 4 – Add the word “slender column”.
- Dr. Ravindra opined that unit 5 may be shifted to laboratory component
- Dr. Manjunath opined to have common course faculty for all the laboratory classes
- HoD and Dr. Renukadevi assured to try implementing the same but however expressed operational issues
- Dr. Anantharama suggested to implement open book exam for the course which was accepted for implementation by all the BoS members

Highway engineering

- Dr. Anjaneyappa suggested interchange of the term highway construction and drainage Unit 2
- It was opined to add vertical curves in Unit 2
- All the experiments decided to be removed in mechanics of materials to be added in lab component
- The term innovative for the experiment on Marshall mix design may be eliminated.

Traffic engineering

- Dr. Anjaneyappa and Dr. Manjunath suggested to revise the heading as traffic studies only
- Unit 1 – introduction to control devices may be shifted to unit 4
- Unit 5 – introduction to road safety to be added

Advanced concrete technology

- Dr. Ganesan, HoD and Dr. Renukadevi suggested to shift shrinkage and creep to unit 3
- Unit 3 and unit 4 may be interchanged
- Unit 4 – geopolymer – new code of practice may be added
- Unit 5 – FRC – add flexure and tension and not compression, add concept of hybrid concrete

Hydrology and irrigation engineering

- Dr. Manjunath opined that the syllabus indicated more concepts of hydrology
- Irrigation structures may be added in the contents

Alternate building materials and technology

- Dr. Ganesan suggested to delete buildings in unit 1
- Unit 2 – alternatives to cements
- Unit 4 – add – GFRC, CFRC and Sifcons

Geotechnical Engineering

- Dr. Manjunath opined that only fundamentals and no applications have been covered in the syllabus. Dr. Nethravathi appraised that the applications have been added as a part of foundation engineering which is planned to be included as elective in 7th semester

Agenda #	Discussions and Resolutions
30.4	Discussion, finalization and approval of 2022 scheme & Syllabus - III & IV semester B.E Civil Engineering
	<ul style="list-style-type: none">• The II Year scheme and syllabus for 2021 scheme was discussed and finalized Environment and sustainability <ul style="list-style-type: none">• Dr. Ganesan complimented that emphasis is given to sustainability upon going through the syllabus on Environment and Sustainability as per the vision and mission.

Surveying

- Dr. Ganesan suggested that residential survey training is mandatory for better learning. HoD acknowledged the same and appraised that it will be taken up as a part of minor project.
- Dr. Manjunath suggested to add concepts of leveling and auto leveling in surveying.

Concrete Technology

- Dr. Anjaneyappa suggested to interchange Unit 3 and Unit 4 in concrete technology course
- Dr. Manjunath suggested that first few experiments can be shifted to highway engineering laboratory components

Mechanics of Materials

- Sri. Shankaranarayan opined that unit 4 is extensive. Flexural rigidity can be shifted to unit 4
- Dr. Ganesan suggested to include concepts of thick and thin cylinders with no numericals added. It was decided to eliminate Pressure vessels in unit 5
- Dr. Ravindra suggested to retain only Macaulay's method
- Dr. Renukadevi opined that common rubrics for assessment can be maintained uniform for all courses

Fluid mechanics

- Dr. Manjunath opined that the syllabus is extensive
- He opined that concepts of water hammer can be added to unit 5
- Hydraulic machines may be added
- Sri. Shankaranarayan suggested addition of flow through pipes. HoD opined to add these concepts as a part of experiential learning

Building Planning & Drawing

- HoD suggested that approvals for expert lectures is taken at the start of the semester, with the discussions with the course coordinators
- Dr. Manjunath and Dr. Anjaneyappa suggested to include an exclusive unit on fire safety and NBC. This may be accommodated with removal of existing components of unit 5

Structural Analysis

- Sri. Shankaranarayan suggested to remove overhanging beams as a part of Unit 2. Axial load shall be replaced with axial force
- Unit 1 - analysis of plane trusses can be shifted to unit 3
- Fixed beams and propped cantilever can be added to unit 1 with no derivations
- In unit 4 - flexural stiffness and not stiffness factor and the term in unit 4 may be changed to without and with instead of with and without

Agenda #	Discussions and Resolutions
30.5	Result Analysis for UG & PG program
	<ul style="list-style-type: none">• The examiner's list was finalized and approved• The result analysis of previous semesters was reviewed. The measures to be undertaken to improve the results were discussed.

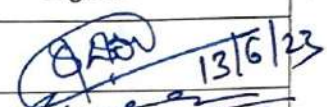
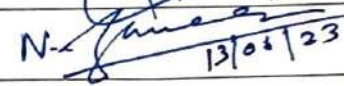
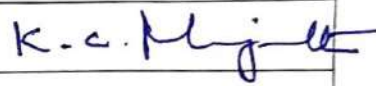
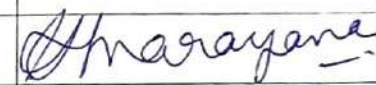
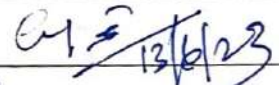
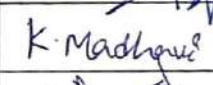
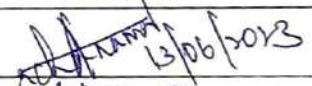
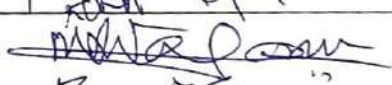
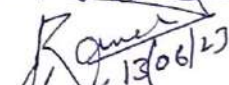
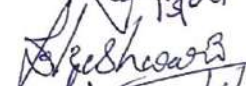
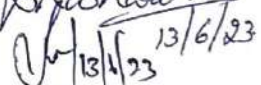
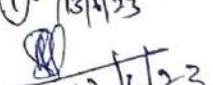


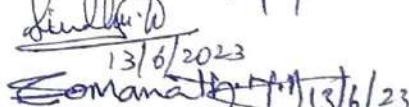
Agenda #	Discussions and Resolutions
30.6	Discussion, Finalization and approval of MooC Courses for IV semester, B.E 2021 scheme and I Semester M Tech 2022 scheme
	<ul style="list-style-type: none"> • The additional MooC Courses were discussed and approved by all the BoS members • Dr.Anantharama, suggested to have discussions on NPTEL courses offered at that time and be approved

Agenda #	Discussions and Resolutions
30.7	Any other matter with the permission of the chair
	<ul style="list-style-type: none"> • Dr. Ganesan suggested to have more number of short term courses to be offered by faculty based on their area of expertise • Chairman Dr.Radhakrishna appraised the changes in curriculum based on suggestions from alumni, industry, faculty and IQAC like <ul style="list-style-type: none"> i. Experiential learning covering 40% of weightage as a part of curriculum in Civil Engineering is made mandatory. ii. Incorporation of Teaching and assessment methods for the Experiential learning. iii. Addition of emerging Courses such as Green buildings and Infrastructure for smart cities iv. Inclusion of MOOC courses such as Probability methods in civil Engg' ,characterization of construction Materials, Maintenance and Repair of concrete Structures and Urban Transportation Planning Systems were introduced as a part of curriculum



Department of Civil Engineering

Meeting was concluded by the Chairman BoS, thanking the members present in the meeting

Sl. No	Name of the members	Designation	Signature
1	Dr. Radhakrishna, Chairman	Professor & Head	 13/6/23
2	Dr. Ganesan VTU Nominee	Professor	 13/06/23
3	Prof. Katta Venkata Ramana Subject Expert	Professor	online
4	Dr. K.C. Manjunath, Subject Expert	Professor	
5	Dr. H R Shantha Rajanna Subject Expert	Engineer member, Bangalore Development Authority	Leave & absence
6	Prof. K. Shankaranayana K, Consultant	Industry Expert	
7	Er. B. Govind Ramesh Industry Expert	Managing Director	online
8	Mr. V Gopal Distinguish Alumni	Executive Director, Prestige Group	Leave & absence
9	Dr. M.V. Renuka Devi Member	Professor	Renuka Devi 13/6/2023
10	Dr. Anjaneyappa, Member	Associate Professor	 13/6/23
11	Dr. K. Madhavi Members	Asst. Professor	
12	Dr. M.R. Archana Member	Asst. Professor	 13/06/2023
13.	Dr. M. S. Nagakumar	Professor	
14.	Dr. Ravande R	Asst. Prof	 13/06/23
15.	Dr. M. Lokeshwari	Associate Professor.	
16.	Dr. Sunil. S	Asst. Professor	 13/6/23
17.	Dr. Nethraalathi S	Asst. Prof.	
18.	Venugopal. G	Asst. Professor	 13/6/23
19.	Dr. Sindhu. D	Asst. Professor	 13/6/23
20.	Dr. Somanath. M. B	Asst Prof	 13/6/2023