CRITERIA – 1.4	
1.4.1	**Faculty Feedback Action Taken Report**

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Faculty Feedback Summary

Faculty feedback is collected annually as a regular practice.

Sl. No	Academic Year	Number of respondents
1.	2022-23	219
2.	2021-22	207
3.	2020-21	192
4.	2019-20	215
5.	2018-19	243

The curriculum is prepared based on feedback from faculty members and. This feedback is discussed and refined in the respective Board of Studies. Inputs from stakeholders are thoroughly deliberated in the Academic Council and incorporated into the curriculum. The recommendations of the Academic Council are then approved by the Governing Body.

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Action taken – Faculty feedback

Department of Biotechnology
B. E. Programme

Action taken report (ATR)

ATR on faculty feedback received during the AY 2022-2023

Department	Stakeholder	Feedback received	Action taken
Biotechnology	Faculty	➢ 60% and 70% of the faculty have rated the syllabus as excellent and very good respectively. The syllabus is suitable for the course. ➢ 70% of the faculty have opined excellent for the teaching methods employed and the student engagement. ➢ 70% have opined about the availability of adequate resources to deliver the curriculum as very good. ➢ 80% have opined about the pedagogical approaches followed are very good. ➢ 90% expressed the sequence of the topics in the syllabus are very good. ➢ Structuring of the curriculum needs to be improved as mentioned by 80% of the faculty. ➢ The course needs to be more industry oriented (60%) as very good. ➢ The overall satisfaction of the course is about 80% as very good.	➢ Inputs from the faculty members were collected and during the course revision, the same was implemented. ➢ The components in the syllabus were altered as per the suggestions made by the faculty, with the approval of BoS members. ➢ The industry related concepts such as designing of equipment, Bioinformatics such as NGS (Illumina), modern agriculture practices (Poineer, Bayers) related aspects were introduced. ➢ In Molecular biology and genetic engineering course, the topic genome editing has been separated as clustered regularly interspace short palindromic repeats (CRISPR), CAS systems, zinc finger nucleases, transcription activators, were included. ➢ Recent edition referral books were incorporated. ➢ Skill based labs were included.

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ACTION TAKEN REPORT: FACULTY FEEDBACK

Department: Civil Engineering

Academic Year 2022-23

B. E. Programme

Department	Stake Holder	Specific Feedback Received	Action Taken
Civil Engineering	Faculty	➢ 70% of faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. ➢ Majority 85% of faculty expressed that the pedagogical approaches used in the curriculum enhance student learning. ➢ 65 % respondents indicated that the teaching methods employed in the curriculum promote student engagement. ➢ 70% Respondents generally agreed that the curriculum for the course is well-structured and organized.	➢ Emerging Courses such as Green buildings and Infrastructure for smart cities were introduced. ➢ 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

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ACTION TAKEN: FACULTY FEEDBACK

Department of Computer Science and Engineering

Action Taken Report (ATR) on Faculty Feedback received during AY 2022-23

B. E. Programme

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Faculty	➢ Some faculty felt that PO is not getting achieved from the current course outcomes ➢ Skill development in students has to be improved ➢ Communication skills need improvement in curriculum	➢ Many new courses were introduced to achieve good program outcomes ➢ Design thinking lab was introduced to encourage students in ideation and implementation ➢ English labs in first year helped students improve their Communication skills.

Name of the Department: Department of Computer Science and Engineering
M.Tech Computer Network Engineering
Academic Year – 2022-23
Faculty Feedback Analysis on Curriculum
Feedback Summary from Faculty and Action Taken Report

Department	Feedback Received	Action Taken
CSE- PG CNE	Faculty members have expressed the high level of confidence that the majority of POs are adequately covered in the curriculum. Majority of the faculties have conveyed that the pedagogical approaches integrated in the curriculum should enhance student learning. Faculty members highlighted that engaging teaching methods, including experiential learning, effectively achieve course outcomes. It's crucial for curriculum success to balance innovative teaching with practical implementation ensuring that curriculum remains dynamic and relevant to current industry needs while also considering the constraints faced by faculty members.	Students were assigned the utilization of a diverse range of data analysis tools as essential components of their laboratory and experiential learning activities, with an expectation to engage with real-world scenarios. Workshops, Webinars, Partial deliveries and FDPs were held to aid faculties and students in adopting the ICT/pedagogical techniques, and fostering their comfort in conducting and experimenting new teaching methods. Students are encouraged to take up MOOC courses on new technologies to bridge the gap between Cos and Pos. Students undergo experiential learning for the courses facilitating them to gain better understanding of the concept learnt. Students are strongly encouraged and mandated to publish quality papers in reputable, peer-reviewed journals. Feedback of industry professionals were taken to review and update the curriculum in accordance with current industry standards.

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Name of the Department: Department of Computer Science and Engineering
M.Tech Computer Science and Engineering
Academic Year – 2022-23
Faculty Feedback Analysis on Curriculum
Feedback Summary from Faculty and Action Taken Report

Department	Feedback Received	Action Taken
CSE	Encourage students to take up real time application. Faculty agreed that the course should be oriented and address the cutting-edge technologies. Respondents expressed satisfaction with the current curriculum. More attention needed to encourage hands on activities .	Students were encouraged to work on interdisciplinary projects. Regular suggestion was given to students to publish papers. Students were given a wide range of course to select from the basket course Skill development program was introduced in every semester.

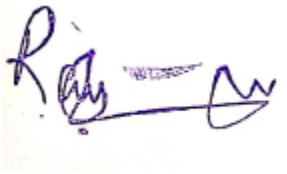
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2022-2023

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• Faculty agree the curriculum aligns well with program outcomes. • Faculty believe the curriculum uses effective pedagogical approaches and teaching methods. • Faculty agree the curriculum is well-structured, sequenced and there are adequate resources available. • There is a perception that the curriculum could be more industry-oriented.	• Continue monitoring resource utilization and update or add resources as needed to keep the curriculum current and effective. • Continuing support and encourage the sharing of best practices among instructors. • Curriculum is regularly revised with to with real-world industry examples, case studies and, or guest lectures from industry professionals are provided. • Conducting workshops or meetings with faculty to review program goals



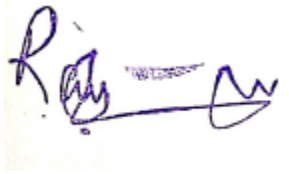
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2022-2023

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• Faculty agree the curriculum aligns well with program outcomes. • Faculty believe the curriculum uses effective pedagogical approaches and teaching methods. • Faculty agree the curriculum is well-structured, sequenced and there are adequate resources available. • There is a perception that the curriculum could be more industry-oriented.	• Continue monitoring resource utilization and update or add resources as needed to keep the curriculum current and effective. • Continuing support and encourage the sharing of best practices among instructors. • Curriculum is regularly revised with to with real-world industry examples, case studies and, or guest lectures from industry professionals are provided. • Conducting workshops or meetings with faculty to review program goals



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Department of Electrical and Electronics Engineering
Action Taken Report on Faculty Feedback Analysis on Curriculum
AY 2022-2023

B. E. Programme

Here are insights based on the feedback along with actionable steps taken to address specific areas of concern:

1. Alignment with Program Outcomes: The curriculum aligns reasonably well with the stated Program Outcomes (POs), with 55% rating it as excellent and 45% as very good.

2. PO Coverage: Significant concerns with 45% rating PO coverage as poor, indicating a need to enhance how POs are addressed within the curriculum.

3. Pedagogical Approaches: - Overall, the pedagogical approaches are well-received (60% excellent, 27% very good), but with 13% good, indicating room for minor improvements.

4. Teaching Methods and Engagement: - Very positive feedback on teaching methods promoting engagement (81% excellent).

5. Curriculum Structure and Organization: - Generally viewed as well-structured but with a small percentage indicating room for improvement (6% good).

6. Topic Sequencing: Similarly, topic sequencing is well-regarded, but a small proportion (4% good) suggests there is scope to enhance how topics are sequenced for better understanding.

7. Resource Availability: Strongly positive responses indicate that resources to support the curriculum are adequate.

8. Faculty Support: While largely positive, there is a noted need for increased support as indicated by 6% good responses.

9. Industry Orientation and Employability: High approval of the curriculum's relevance to industry and skill enhancement.

10. Overall Satisfaction: High overall satisfaction with the current curriculum (63% excellent, 47% very good), reflecting general contentment with the educational offerings.

Actions Taken:

1. Enhancing PO Coverage: Reviewed specific areas where PO coverage is perceived as lacking. Initiate curriculum revisions to ensure a comprehensive incorporation of all Program Outcomes.

2. Pedagogical Improvement Initiatives: Offered professional development opportunities for instructors focusing on innovative pedagogical strategies. Introduce new learning technologies to enhance student interaction and participation in classes.

3. Curriculum Review for Structure and Sequencing: Conducted a thorough review of the curriculum structure and sequencing. Gather input from faculty and students to identify specific areas for enhancement.

4. Increase Faculty and Resource Support: Evaluated and bolstered faculty support mechanisms to ensure instructors have the necessary tools and resources to deliver high-quality education. Addressed any gaps in resource provision that could affect teaching effectiveness or curriculum delivery.

5. Industry Alignment and Skills Enhancement: Strengthened ties with industry to keep the curriculum aligned with current and future job market needs. Increased the focus on practical skills and employability through workshops, real-world projects, and internships.

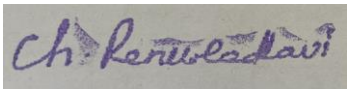
6. Ongoing Curriculum Evaluation: Established regular feedback loops with students and faculty to continuously monitor and refine the curriculum based on direct feedback and changing educational or industry standards.

Action taken – Faculty feedback (2022-23)

Department of Electronics and Instrumentation Engineering
B. E Programme

Action taken report (ATR)

Department	Stakeholder	Feedback received	Action taken
EIE	Faculty	• Encourage students to take up real time application. • Faculty agreed that the course should be industry oriented which addresses employability skills. • More attention needed to encourage Research.	• Students are encouraged to work on interdisciplinary projects. • Regular suggestion was given to students to publish papers. • Students were given options to select the courses from the basket courses pertaining to Engineering science courses, emerging technology courses and Programming courses. • Skill development program for 1 week was introduced in every semester. Students will be asked to work in different CoE's to undergo training in emerging fields.



DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING
Action Taken-2022-23
B. E Programme

Actions Taken:

1. Enhancing PO Coverage: Reviewed specific areas where PO coverage is perceived as lacking. Initiate curriculum revisions to ensure a comprehensive incorporation of all Program Outcomes.

2. Pedagogical Improvement Initiatives: Offered professional development opportunities for instructors focusing on innovative pedagogical strategies. Introduce new learning technologies to enhance student interaction and participation in classes.

3. Curriculum Review for Structure and Sequencing: Conducted a thorough review of the curriculum structure and sequencing. Gather input from faculty and students to identify specific areas for enhancement.

4. Increase Faculty and Resource Support: Evaluated and bolstered faculty support mechanisms to ensure instructors have the necessary tools and resources to deliver high-quality education. Addressed any gaps in resource provision that could affect teaching effectiveness or curriculum delivery.

5. Industry Alignment and Skills Enhancement: Strengthened ties with industry to keep the curriculum aligned with current and future job market needs. Increased the focus on practical skills and employability through workshops, real-world projects, and internships.

6. Ongoing Curriculum Evaluation: Established regular feedback loops with students and faculty to continuously monitor and refine the curriculum based on direct feedback and changing educational or industry standards.

DEPARTMENT OF INDUSTRIAL ENGINEERING & MANAGEMENT
Action Taken Report on Faculty Feedback Analysis on Curriculum AY 2022-23
B. E. Programme

Department	Stake Holders	Feedback Insights	Action Taken
Industrial Engineering & Management	Faculty	• Encourage students to take up real time application. • Faculty agreed that the course should be industry oriented which addresses employability skills. • Respondents expressed satisfaction with the current curriculum. • More attention needed to encourage Research.	• Students were encouraged to work on interdisciplinary projects. • NPTEL courses was introduced. Regular suggestion was given to students to publish papers. • Students were given options to select the courses from the basket courses pertaining to Engineering science courses, emerging technology courses and Programming courses. • Skill development program for 1 week was introduced in every semester.

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Information Science and Engineering Department
Faculty Feedback Analysis on Curriculum
2022-2023
B. E. Programme

Feedback Received	Action Taken
1)Encourage students to take up real time application. Faculty agreed that the course should be industry oriented. and addresses employability skills.	1)Students were encouraged to work on interdisciplinary projects. Regular suggestion was given to students to publish papers.
2)Respondents expressed satisfaction with the current curriculum.	2)Students were given a wide range of course to select from the basket course
3)More attention needed to encourage Research.	3)Students were encouraged to take up in house research projects.

Dept of Mechanical Engineering

ACTION TAKEN SAMPLE: FACULTY FEEDBACK

Action Taken Report on Student Feedback received during 2022-23
B. E. Programme

Faculty Feedback	Action taken
1. How well the UG/PG curriculum aligns with the stated Program Outcomes (POs) of the ME program: 2. How do you rate POs you believe are adequately addressed or emphasized in the curriculum? 3. How well the pedagogical approaches used in the curriculum enhance student learning? 4. How well the teaching methods employed in the curriculum promote student engagement? 5. The curriculum for the course is well-structured and organized 6. The sequencing of topics in the curriculum facilitates student understanding 7. Adequate resources are available to support the delivery of the curriculum: 8. As faculty you receive sufficient support to effectively teach the curriculum: 9. Is the course industry-oriented/addresses employability/enhances the skills? 10. Overall, I am satisfied with the current curriculum:	Conduct a detailed analysis to assess the alignment between the curriculum and the program outcomes. Identify areas where the curriculum adequately addresses or emphasizes the program outcomes. Develop strategies to enhance alignment between the curriculum and the program outcomes, particularly for areas with lower ratings. Review the program outcomes and rate their coverage in the curriculum. Identify program outcomes that are well-addressed and emphasized in the curriculum. Consider opportunities to further strengthen the coverage of program outcomes that have lower ratings. Evaluate the effectiveness of pedagogical approaches employed in the curriculum. Identify areas where pedagogical approaches effectively enhance student learning. Consider feedback and suggestions for improving pedagogical approaches to better support student learning outcomes. Assess the effectiveness of teaching methods in promoting student engagement. Identify teaching methods that successfully promote student engagement. Develop strategies to improve teaching methods and increase student engagement levels, particularly in areas with lower ratings. Review the structure and organization of the curriculum.Identify strengths and weaknesses in the current curriculum structure. Implement changes to enhance the organization and structure of the curriculum based on feedback and evaluation. Evaluate the sequencing of topics in the curriculum. Determine if the current sequencing effectively supports student understanding. Adjust the sequencing of topics as needed to optimize student comprehension and learning outcomes. Assess the availability and sufficiency of resources for curriculum delivery. Identify areas where additional resources may be needed to support effective curriculum delivery. Advocate for the allocation of resources to

	ensure the availability of adequate support for curriculum delivery. Evaluate the level of support provided to faculty for teaching the curriculum. Identify areas where additional support may be needed to enhance faculty effectiveness. Advocate for resources and support mechanisms to ensure faculty have the necessary tools and assistance for effective curriculum delivery. Assess the extent to which the course content and structure align with industry needs and enhance employability. Identify areas where the curriculum can be further tailored to address industry demands and enhance skill development.Collaborate with industry partners to integrate relevant skills and knowledge into the curriculum and improve alignment with employment opportunities. Review overall satisfaction ratings and identify areas of strength and areas for improvement in the current curriculum. Use feedback to make informed decisions about potential changes or enhancements to the curriculum. Continuously monitor satisfaction levels and adjust the curriculum as needed to meet the needs and expectations of stakeholders.

Professor & Head
Department of Mechanical Engineering
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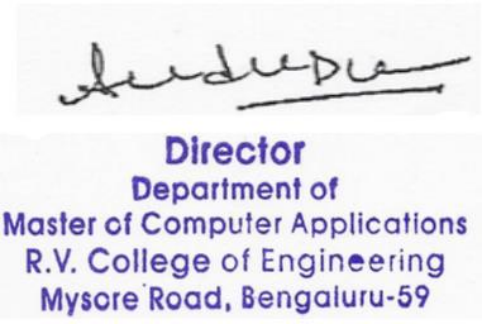
Bangalore - 560 059

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

ATR of Faculty Feedback Analysis (2022-23)

Department	Stakeholder	Feedback received	Action taken
Department of Master of Computer Applications	Faculty	84% of the faculty members agree that courses are aligned and are sufficiently addressed in the curriculum.	as per the opinion of the stake holders during the syllabus revision discussion, introduction of new courses was made to elective stream to increase the number of courses from 3 to 4. Software based solution courses were moved from elective to course.
		90% of the faculty members opined that the curriculum is well structured and sequenced. The mode of teaching through pedagogy and new approaches helps students in better understanding the courses	The reorganization of syllabus structure to align with the university was made during the syllabus revision. A collaboration was realised with experts from industry for conduction of courses. A team of faculty members were also trained by the experts to gain an insight of how industry looks at the courses.
		Majority faculty members opined that the 2022 scheme syllabus was more appropriate but loaded with too many topics	Faculty worked in teams for the electives to bring out the best possible TLP in the department to make students industry ready.



Action taken – Faculty feedback

Department of Biotechnology

B. E. Programme

Action taken report (ATR)

ATR on faculty feedback for received during the AY 2021-2022

Department	Stakeholder	Feedback received	Action taken
Biotechnology	Faculty	➢ 70% of the faculty have rated the syllabus as very good. The syllabus is suitable for the course. ➢ 60% of the faculty have opined very good pedagogical methods and 50% for the teaching methods employed and the student engagement. ➢ 60% have opined about the availability of adequate resources to deliver the curriculum. ➢ 60% expressed the sequence of the topics in the syllabus are very good. ➢ Structuring of the curriculum needs to be improved as mentioned by 70% of the faculty. ➢ The course needs to be more industry oriented (50%)	➢ Bioremediation and phytoremediation techniques were introduced in environmental technology course. ➢ For Unit Operation course, numericals were introduced. Process control is clubbed with microbial biotechnology course in VI semester. ➢ Thermodynamics was considered in experiential learning. ➢ Downstream course has included more numerical. ➢ In biostatistics course, more numerical viz., regression, logistic regression, goodness of fit, validation of data. ➢ The pedagogical improvements such as Experiential Learning, project based learning, group activities were introduced in the curricula delivery. ➢ The industry related concepts such as pharmaceutical industry processes, agriculture development processes, food related processes were introduced in the respective courses.

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Department of Chemical Engineering

Academic Year: 2021-2022
Action Taken Report (ATR) on faculty feedback
B. E. Programme

Department	Stakeholder	Feedback received	Action taken
Chemical Engineering	Faculty	➢ Most of the Faculty opined that the courses are effective for placement and employability ➢ 60% have opined the availability of adequate resources to deliver the curriculum. ➢ 70% of the faculty have rated the syllabus as very good. The syllabus is suitable for the course. ➢ 60% of the faculty have opined very good pedagogical methods and 50% for the teaching methods employed and the student engagement. ➢ 60% expressed the sequence of the topics in the syllabus are very good.	➢ The introduction of the experiential learning component has encouraged the students to actively participate in project related learning. ➢ Introduction of skill lab as an exercise encourages students involve learning practically and acquire hands on knowledge. ➢ ICT tools, smart boards etc. have supported faculty in effective delivery of content

ACTION TAKEN REPORT: FACULTY FEEDBACK

Department: Civil Engineering

Academic Year 2021-22

B. E. Programme

Department	Stake Holder	Specific Feedback Received	Action Taken
Civil Engineering	Faculty	➢ 75% of faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. ➢ Majority 87% of faculty expressed that the pedagogical approaches used in the curriculum enhance student learning. ➢ 87 % respondents indicated that the teaching methods employed in the curriculum promote student engagement. ➢ 87% Respondents generally agreed that the curriculum for the course is well-structured and organized. They noted that the aligning with the industry requirements is well taken care of while designing the curriculum. ➢ 84% respondents agreed that the course is industry-oriented and addresses employability skills.	➢ Teaching and assessment methods for the Experiential learning were incorporated. ➢ Experiential learning covering 40% of weightage as a part of curriculum in Civil Engineering is made mandatory. ➢ Introduction of skill lab as an exercise encourages students involve learning practically and acquire hands on knowledge. ➢ ICT tools, smart boards etc. have supported faculty in effective delivery of content

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ACTION TAKEN: FACULTY FEEDBACK

Department of Computer Science and Engineering

Action Taken Report (ATR) on Faculty Feedback received during AY 2021-22

B. E. Programme

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Faculty	➢ Many faculty felt that all POs are not addressed in curriculum ➢ Teaching methods can be improved to make it effective ➢ Majority Faculty the courses are effective for placement and employability	➢ Employability, skill development are the key factors while framing syllabus ➢ Experiential learning is made a major component in courses to encourage students involve in projects and learn practically ➢ ICT tools, smart boards etc. have supported faculty in effective delivery of content

Name of the Department: Department of Computer Science and Engineering
Academic Year – 2021-22
Faculty Feedback Analysis on Curriculum
Feedback Summary from Faculty
M.Tech Computer Network Engineering

Department	Feedback Received	Action Taken
CSE- PG CNE	Around 78% of the faculty members were of the opinion that the majority of POs are adequately covered in the curriculum. Majority of the faculties have conveyed that the pedagogical approaches integrated in the curriculum should enhance student learning. Respondents were of the opinion that engaging teaching methods, including experiential learning, effectively achieve course outcomes. However, they note the high time and effort required of teachers to implement these activities. It's crucial to balance innovative teaching with practical implementation for curriculum success. Respondents expressed a consensus on the necessity for a curriculum that adheres more closely to industry standards.	Students are encouraged to participate in conferences, hackathons and data analysis is incorporated as an essential components of their laboratory and experiential learning activities, inline with real-world scenarios. Workshops, Webinars and FDPs were held to aid faculties and students in adopting the ICT/pedagogical techniques, and fostering their comfort in conducting and experimenting new teaching methods. Encourage students to engage in real-time applications for assignments and experiential learning by reviewing existing literature and research works.

	They highlighted the importance of ensuring alignment with industry requirements during the curriculum design process. Respondents noted that they receive ample support to teach the curriculum effectively and expressed appreciation for the institution's assistance.	Additionally, students are strongly encouraged and required to publish papers in reputable, peer-reviewed journals.

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Name of the Department: Department of Computer Science and Engineering
Academic Year – 2021-22
Faculty Feedback Analysis on Curriculum
Feedback Summary from Faculty
M.Tech Computer Science and Engineering

FACULTY FEEDBACK ACTION TAKEN REPORT

Department	Feedback Received	Action Taken
CSE	Faculty agreed that the course should be oriented and address the cutting-edge technologies. Respondents expressed satisfaction with the current curriculum. More attention needed to encourage hands on activities .	Regular suggestion was given to students to publish papers. Students were given a wide range of course to select from the basket course Skill development program was introduced in every semester.

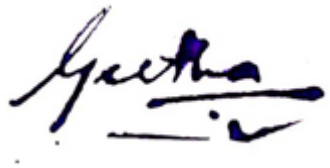
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2021-2022

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• Faculty agree the curriculum aligns well with program outcomes. • There are mixed views on how well the curriculum addresses program outcomes. • Faculty believe the curriculum uses effective pedagogical approaches and teaching methods. • Faculty agrees the curriculum is well-structured and sequenced and there are adequate resources available. • Most faculty feel supported in teaching the curriculum.	• Faculty training on advanced pedagogical approaches for instructors who want to explore new methods • Continuing support and encourage the sharing of best practices among instructors. • Curriculum is regularly revised with to with real-world industry examples, case studies and, or guest lectures from industry professionals are provided. • Conducting workshops or meetings with faculty to review program goals



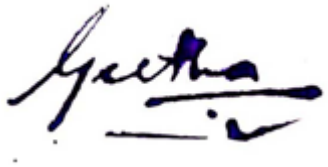
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2021-2022

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• Faculty agree the curriculum aligns well with program outcomes. • There are mixed views on how well the curriculum addresses program outcomes. • Faculty believe the curriculum uses effective pedagogical approaches and teaching methods. • Faculty agrees the curriculum is well-structured and sequenced and there are adequate resources available. • Most faculty feel supported in teaching the curriculum.	• Faculty training on advanced pedagogical approaches for instructors who want to explore new methods • Continuing support and encourage the sharing of best practices among instructors. • Curriculum is regularly revised with to with real-world industry examples, case studies and, or guest lectures from industry professionals are provided. • Conducting workshops or meetings with faculty to review program goals



RV College of Engineering

Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi

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

Department of Electrical and Electronics Engineering
Action Taken Report on Faculty Feedback Analysis on Curriculum
AY 2021-2022
B. E. Programme

Based on the provided feedback analysis, here are specific actions taken to address various aspects of the UG curriculum:

1. Alignment with Program Outcomes (POs):
   - Conducted a thorough review of the curriculum to ensure alignment with stated Program Outcomes.
   - Implemented changes to strengthen alignment where necessary, based on the feedback received.

2. Emphasis on Addressing POs:
   - Identified Program Outcomes that were not adequately addressed in the curriculum.
   - Developed strategies to emphasize and integrate these POs more effectively into course content.

3. Enhancement of Pedagogical Approaches:
   - Introduced innovative pedagogical methods to enhance student learning experiences.
   - Provided training and workshops for faculty to improve pedagogical skills and techniques.

4. Promotion of Student Engagement:
   - Implemented teaching methods aimed at promoting active student engagement in the learning process.
   - Encouraged collaborative learning activities and projects to enhance student participation.

5. Curriculum Structure and Organization:
   - Reviewed and refined the structure and organization of the curriculum to ensure clarity and coherence.
   - Implemented changes to improve the sequencing of topics for better student understanding.

6. Resource Allocation and Support:
   - Ensured adequate resources are available to support the delivery of the curriculum.
   - Provided faculty with necessary support and resources to effectively teach the curriculum.

7. Industry Orientation and Employability:
   - Strengthened industry partnerships to make the curriculum more industry-oriented.
   - Incorporated industry-relevant projects, case studies, and guest lectures to enhance students' employability skills.

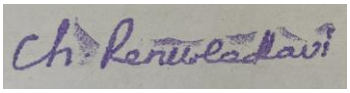
8. Overall Satisfaction with Curriculum:
   - Took into account overall feedback to continuously monitor and improve the curriculum.
   - Implemented changes based on faculty and student suggestions to enhance overall satisfaction.

Action taken – Faculty feedback (2021-22)

Department of Electronics and Instrumentation Engineering
B. E Programme

Action taken report (ATR)

Department	Stakeholder	Feedback received	Action taken
EIE	Faculty	• 100% of the faculty expressed that the **pedagogical approaches used in the curriculum** enhanced student learning.	• Periodic review was conducted to monitor students' activity.
		• 100% of the Faculty agreed that the course should be industry oriented which in turn would address employability skills.	• Design Thinking Labs were introduced.
		• More awareness needed towards research.	• Students and faculty were given an opportunity to work in different Centres of Excellence depending on their interest.
		• Encourage students to take up real time application for Assignment, EL.	• EL components will be given more weightage in CIE Evaluation.



RV Educational Institutions
RV College of Engineering

Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Action Taken-2021

B. E. Programme

Based on the provided feedback analysis, here are specific actions taken to address various aspects of the UG curriculum:

1. Alignment with Program Outcomes (POs):

- Conducted a thorough review of the curriculum to ensure alignment with stated Program Outcomes.
- Implemented changes to strengthen alignment where necessary, based on the feedback received.

2. Emphasis on Addressing POs:

- Identified Program Outcomes that were not adequately addressed in the curriculum.
- Developed strategies to emphasize and integrate these POs more effectively into course content.

3. Enhancement of Pedagogical Approaches:

- Introduced innovative pedagogical methods to enhance student learning experiences.
- Provided training and workshops for faculty to improve pedagogical skills and techniques.

4. Promotion of Student Engagement:

- Implemented teaching methods aimed at promoting active student engagement in the learning process.
- Encouraged collaborative learning activities and projects to enhance student participation.

5. Curriculum Structure and Organization:

- Reviewed and refined the structure and organization of the curriculum to ensure clarity and coherence.
- Implemented changes to improve the sequencing of topics for better student understanding.

6. Resource Allocation and Support:

- Ensured adequate resources are available to support the delivery of the curriculum.
- Provided faculty with necessary support and resources to effectively teach the curriculum.

7. Industry Orientation and Employability:

- Strengthened industry partnerships to make the curriculum more industry-oriented.
- Incorporated industry-relevant projects, case studies, and guest lectures to enhance students' employability skills.

8. Overall Satisfaction with Curriculum:

- Took into account overall feedback to continuously monitor and improve the curriculum.
- Implemented changes based on faculty and student suggestions to enhance overall satisfaction.

DEPARTMENT OF INDUSTRIAL ENGINEERING & MANAGEMENT
Action Taken Report on Faculty Feedback Analysis on Curriculum
AY 2021-22
B. E Programme

Department	Stake Holders	Feedback Insights	Action Taken
Industrial Engineering & Management	Faculty	• 70% of the faculty agreed with the Syllabus is very good. The syllabus is suitable for the course. • 80% of the faculty have pinioned excellent for the teaching methods employed, pedagogical approaches and the student engagement as excellent but most of the faculty expressed its very good (80%). • 100% have opined about the availability of adequate resources to deliver the Curriculum. • 60% expressed the sequence of the topics in the syllabus are very good. • Structuring of the curriculum needs to be improved as mentioned by 60% of the faculty. • The course needs to be more industry Oriented (50%) • Overall satisfaction on the curriculum is very good (90%)	• Inputs from the faculty members were collected and during the course revision, the same was implemented. • The components in the syllabus were altered as per the suggestions made by the faculty, with the approval of BoS(Board of Studies) members. • The department has conducted BoS meeting twice a year. The feedback from the faculty has been incorporated appropriately after brainstorming session in the BoS meeting. • Design Thinking Labs were introduced. • Students and faculty were given an opportunity to work in different Centres of Excellence depending on their interest.

RV Educational Institutions
RV College of Engineering

Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi

Information Science and Engineering Department
Faculty Feedback Analysis on Curriculum
2021-2022
B. E. Programme

Feedback Received	Action Taken
1)Majority faculty expressed that the curriculum should enhance student learning. Faculty agreed that the course should be industry oriented and addresses employability skills.	1)Students and faculty were given an opportunity to work in different Centre of Excellence depending on their interest.
2)Respondents expressed satisfaction with the current curriculum.	2)Regular suggestion was given to students to improve the application. Design Thinking Labs were introduced.
3)More awareness needed towards Continuous monitoring of student's activity. Encourage students to take up real time application for Assignment, EL.	3)Periodic review was conducted to monitor students activity.

ACTION TAKEN SAMPLE: FACULTY FEEDBACK

Action Taken Report on Student Feedback received during 2021-22

Faculty Feedback	Action taken
1. How well the UG/PG curriculum aligns with the stated Program Outcomes (POs) of the ME program: 2. How do you rate POs you believe are adequately addressed or emphasized in the curriculum? 3. How well the pedagogical approaches used in the curriculum enhance student learning? 4. How well the teaching methods employed in the curriculum promote student engagement? 5. The curriculum for the course is well-structured and organized 6. The sequencing of topics in the curriculum facilitates student understanding 7. Adequate resources are available to support the delivery of the curriculum: 8. As faculty you receive sufficient support to effectively teach the curriculum: 9. Is the course industry-oriented/addresses employability/enhances the skills? 10. Overall, I am satisfied with the current curriculum:	To conduct a comprehensive analysis of the curriculum's alignment with program outcomes, a detailed review of each component is essential. Firstly, the program outcomes need to be thoroughly reviewed to identify strengths and areas needing improvement. By mapping these outcomes to the curriculum, areas where the curriculum effectively addresses program outcomes can be identified. Strategies to enhance alignment for areas with lower ratings can then be developed. This may involve revising course content, introducing new modules, or redesigning assessments. Pedagogical approaches employed in the curriculum should also be evaluated. By considering feedback and student performance, areas where pedagogical methods effectively enhance learning can be identified. Suggestions for improvement, such as incorporating more interactive activities or adopting innovative teaching techniques, can be implemented to better support student learning outcomes. Assessing the effectiveness of teaching methods in promoting student engagement is crucial. Identifying successful teaching methods and developing strategies to enhance engagement levels, particularly in areas with lower ratings, can significantly improve the learning experience. The structure and organization of the curriculum should be reviewed to identify strengths and weaknesses. Adjustments may be necessary to enhance organization and coherence, ensuring seamless progression through the curriculum.

	Sequencing of topics should be evaluated to determine if it effectively supports student understanding. Adjustments may be needed to optimize comprehension and learning outcomes. Assessing the availability and sufficiency of resources for curriculum delivery is vital. Additional resources may be required to support effective curriculum delivery, and advocating for resource allocation is necessary to ensure adequate support. Faculty support for teaching the curriculum should also be evaluated. Identifying areas where additional support may be needed and advocating for resources and support mechanisms can enhance faculty effectiveness. Aligning course content and structure with industry needs and employability is essential. Collaborating with industry partners to integrate relevant skills and knowledge into the curriculum can improve alignment with employment opportunities. Overall satisfaction ratings should be reviewed to identify areas of strength and areas for improvement. Using feedback to make informed decisions about potential changes or enhancements to the curriculum is crucial for continuous improvement. Monitoring satisfaction levels and adjusting the curriculum as needed ensures it meets the needs and expectations of stakeholders.

Professor & Head
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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

ATR of Faculty Feedback Analysis (2021-22)

Department	Stakeholder	Feedback received	Action taken
Department of Master of Computer Applications	Faculty	88% of the faculty members agree that courses are aligned and are sufficiently addressed in the curriculum.	20MCA333 and 20MCA351 were the courses not opted by students under the respective elective streams. Discussions were made with the various stack holders and faculty of the department about the courses and their content. It was noted to take care of this in next syllabus revision.
		84% of the faculty members opined that the curriculum is well structured and sequenced. The mode of teaching through pedagogy and new approaches helps students in better understanding the courses	A complete shift of conducting online assessments was a challenge. The question paper preparation, evaluation through online tools was a new learning for both faculty and students. Virtual classrooms sessions were adopted. A complete shift from traditional TLP happened.
		Majority faculty members opined that the 2020 scheme syllabus was more appropriate but loaded with too many topics	Faculty worked in teams for the electives to bring out the best possible TLP in terms of conduction of classes, self-study and conduction of assessment more effectively

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Action taken – Faculty feedback

Department of Biotechnology

B. E. Programme

Action taken report (ATR)

ATR on faculty feedback for received during the AY 2020-2021

Department	Stakeholder	Feedback received	Action taken
Biotechnology	Faculty	➢ 60% of the faculty have rated the syllabus as both excellent and very good. The syllabus is suitable for the course. ➢ 70% of the faculty have opined excellent for the teaching methods employed and the student engagement as excellent, while 90% is as very good. ➢ 70% have opined about the availability of adequate resources to deliver the curriculum. ➢ 70% have opined about the pedagogical approaches followed are very good. ➢ 70% expressed the sequence of the topics in the syllabus are very good. ➢ Structuring of the curriculum needs to be improved as mentioned by 50% of the faculty as excellent while 70% as very good. ➢ The course needs to be more industry oriented (60%) for both excellent and very good. ➢ The overall satisfaction for the course is around 70% as very good.	➢ Inputs from the faculty members were collected and during the course revision, the same was implemented. ➢ Biochemistry course credits were increased by 1. ➢ One credit from Genetic engg course is shifted to plant and animal biotechnology. ➢ Cell biology and microbiology courses were made separately. Similarly biochemistry and biophysics. ➢ The list of electives were divided into 3 domains viz., Health & Pharma, Food & Agriculture and Informatics. This will help the students to choose their domains and continue the same for their higher studies. ➢ The industry related concepts such as process engineering concepts, BT cotton related concepts and agriculture related applications.

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Department of Chemical Engineering

Academic Year: 2020-2021
Action Taken Report (ATR) on faculty feedback for BE

Department	Stakeholder	Feedback received	Action taken
Chemical Engineering	Faculty	➢ The course needs to be more industry-oriented (30%) for both excellent and very good. ➢ Some felt the need to improvement of curriculum to achieve skill development ➢ Many felt they received adequate support to deliver the content ➢ 60% of the faculty have rated the syllabus as both excellent and very good. The syllabus is suitable for the course. ➢ 70% of the faculty have opined excellent for the teaching methods employed and the student engagement as excellent, while 90% is as very good.	➢ With course revision in place, various inputs were collected and the course revision with the mail aim for the syllabus to be industry inclusive, skill inclusive and make students employable ➢ The list of electives were divided into 3 domains viz., Energy, Process and Technology. This will help the students to choose their domains and continue the same for their higher studies.

ACTION TAKEN REPORT: FACULTY FEEDBACK

Department: Civil Engineering

Academic Year 2020-21

B. E. Programme

Department	Stake Holder	Specific Feedback Received	Action Taken
Civil Engineering	Faculty	• Majority faculty expressed that the pedagogical approaches used in the curriculum should enhance student learning. • Industry-oriented courses are to be included and should address employability skills • They noted that experiential learning of the curriculum enhanced students' skills in keeping up with latest technological advancements. And expressed to publish the papers related to EL.	➢ Regular workshops and expert talk are conducted to help faculty and students to upgrade to the latest technology. ➢ Technical seminar and Design thinking lab were introduced as mandatory courses. ➢ Certificate courses on Industrial Safety, workshops on Artificial Intelligence, Machine Learning and data analytics in Civil Engineering.

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ACTION TAKEN: FACULTY FEEDBACK
Department of Computer Science and Engineering
Action Taken Report (ATR) on Faculty Feedback received during AY 2020-21
B. E. Programme

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Faculty	• Majority of faculty are satisfied with the curriculum • Some felt the need to improvement of curriculum to achieve skill development • Many felt they received adequate support to deliver the content • Skill and employability subjects will improve their placement	➢ Lab subjects were added with project part to improve their practical application of concepts ➢ Rubrics were drawn for experiential learning ➢ CO-PO mapping improvement, skill oriented subjects helped students in getting good internship and placement offers

Name of the Department: Department of Computer Science and Engineering
M.Tech Computer Network Engineering
Academic Year – 2020-21
Faculty Feedback Analysis on Curriculum
Feedback Summary from Faculty
M. Tech Programme

Department / Program	Feedback Received	Action Taken
CSE / M.Tech CNE	Around 70% to 80% of faculty believe that majority of the Program Outcomes are addressed in the curriculum.	Students are encouraged to participate in hackathons and Ideathon at different levels.
	Around 70% of the faculty indicated that the teaching methods employed in the curriculum promote student engagement.	Students are encouraged to takeup MOOC courses to fill and gap and for better coverage of CO's and PO's.
	More awareness needed towards research.	Encourage students to take up real time application for Assignment, EL by reviewing existing literature and research work and students are encouraged and mandated to publish papers in referred journals.
		Students and faculty were given an opportunity to work in different Centre of Excellence depending on their interest.

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Department of Computer Science Engineering
2020-2021
Faculty Feedback Analysis on Curriculum
Feedback Summary from Faculty
M. Tech Programme

FACULTY FEEDBACK ANALYSIS

Department	Feedback Received	Action Taken
CSE	Respondents expressed satisfaction with the current curriculum. More attention needed to encourage hands on activities .	Students were given a wide range of course to select from the basket course Skill development program was introduced in every semester.

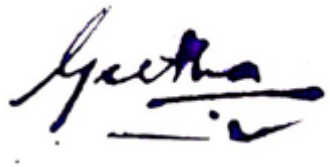
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2020-2021

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• There are mixed views on how well the curriculum addresses program outcomes. • Faculty believe the curriculum uses effective pedagogical approaches and teaching methods. • Faculty agrees the curriculum is well-structured and sequenced and there are adequate resources available. • There is a perception that the curriculum could be more industry-oriented.	• Reconsider program goals and learning objectives to ensure they are clear, relevant, and achievable within the curriculum. • Faculty training on advanced pedagogical approaches for instructors who want to explore new methods • More open-ended experiments are added in practical.



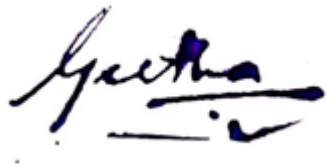
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2020-2021

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• There are mixed views on how well the curriculum addresses program outcomes. • Faculty believe the curriculum uses effective pedagogical approaches and teaching methods. • Faculty agrees the curriculum is well-structured and sequenced and there are adequate resources available. • There is a perception that the curriculum could be more industry-oriented.	• Reconsider program goals and learning objectives to ensure they are clear, relevant, and achievable within the curriculum. • Faculty training on advanced pedagogical approaches for instructors who want to explore new methods • More open-ended experiments are added in practical.



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Department of Electrical and Electronics Engineering

Action Taken Report on Faculty Feedback Analysis on Curriculum

AY 2020-2021

B. E. Programme

Based on the provided feedback analysis, here are specific actions to enhance curriculum alignment, pedagogy, and support systems

Actions for Enhancing Curriculum Alignment and PO Coverage:

1. **Curriculum Review and Alignment: Conduct a detailed curriculum review to ensure it aligns with Program Outcomes, especially in areas where there is a substantial percentage of excellent and very good responses but a presence of good responses indicates room for improvement.

- Address the significant gap where 45% rated PO coverage as poor by identifying specific POs that are underrepresented in the curriculum and strengthening their inclusion.

2. Faculty Workshops and Training:- Organize workshops and training sessions for faculty on effective integration of POs into course content, emphasizing areas where feedback shows inadequate PO coverage.

3. **Enhanced Curriculum Resources: Developed additional resources, such as case studies, real-world projects, and interdisciplinary assignments, that help illustrate and integrate POs more effectively.

Actions for Improving Pedagogical Approaches and Student Engagement: Pedagogical Innovation: - Introduced innovative teaching methods that are student-centered and enhance learning and engagement, such as flipped classrooms, collaborative projects, and problem-based learning, especially in areas where ratings indicate room for improvement.

2. Continuous Professional Development: Provided ongoing professional development opportunities for faculty focused on modern pedagogical strategies to enhance student learning and engagement.

3. **Feedback Mechanisms: Implemented regular and structured feedback mechanisms that allow students to provide input on teaching methods and curriculum effectiveness, helping educators adjust approaches to better meet student needs.

Actions for Resource Availability and Faculty Support:

1. Resource Enhancement - Assessed and upgraded the resources available to students and faculty, including software, laboratory equipment, and learning materials, especially in courses where feedback on resources was less favorable.

2. Support Systems for Faculty: Ensured that faculty receive sufficient institutional support, including access to teaching assistants, technological tools, and administrative assistance, to effectively deliver the curriculum.

Actions for Industry Orientation and Employability:

1. Industry Collaboration:

- Strengthened partnerships with industry to ensure the curriculum remains relevant to current and future industry needs, enhancing employability and practical skills.

- Invited industry professionals to contribute to the curriculum through guest lectures, real-world case studies, and mentorship programs.

2. Skills Development Programs:**

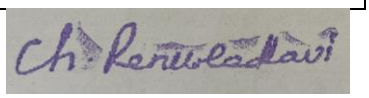
- Implemented targeted skills enhancement workshops and certification programs that align with industry demands, improving student preparedness for the job market.

Action taken – Faculty feedback (2020-21)

Department of Electronics and Instrumentation Engineering
B. E. Programme

Action taken report (ATR)

Department	Stakeholder	Feedback received	Action taken
EIE	Faculty	• Majority faculty expressed that the pedagogical approaches used in the curriculum should enhance student learning.	• Regular workshops and expert talk are conducted to help faculty and students to upgrade to the latest technology.
		• Industry-oriented courses are to be included and should address employability skills	• Board of Studies meeting is conducted twice a year. Upcoming technology is discussed and tried to include in the syllabus.
		• They noted that experiential learning of the curriculum enhanced students' skills in keeping up with latest technological advancements. And expressed to publish the papers related to EL.	• Students will be encouraged to write and publish paper in national and international level. • Students are encouraged to participate in hackathons and Ideation at different levels.



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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Action Taken-2020-21

B. E. Programme

Based on the provided feedback analysis, here are specific actions to enhance curriculum alignment, pedagogy, and support systems

Actions for Enhancing Curriculum Alignment and PO Coverage:

1. Curriculum Review and Alignment: Conduct a detailed curriculum review to ensure it aligns with Program Outcomes, especially in areas where there is a substantial percentage of excellent and very good responses but a presence of good responses indicates room for improvement.

- Address the significant gap where 33.33% rated PO coverage as average by identifying specific POs that are underrepresented in the curriculum and strengthening their inclusion.

2. Faculty Workshops and Training:- Organize workshops and training sessions for faculty on effective integration of POs into course content, emphasizing areas where feedback shows inadequate PO coverage.

3. Enhanced Curriculum Resources: Developed additional resources, such as case studies, real-world projects, and interdisciplinary assignments, that help illustrate and integrate POs more effectively.

Actions for Improving Pedagogical Approaches and Student Engagement: Pedagogical Innovation: - Introduced innovative teaching methods that are student-centered and enhance learning and engagement, such as flipped classrooms, collaborative projects, and problem-based learning, especially in areas where ratings indicate room for improvement.

1. Continuous Professional Development: Provided ongoing professional development opportunities for faculty focused on modern pedagogical strategies to enhance student learning and engagement.

2. Feedback Mechanisms: Implemented regular and structured feedback mechanisms that allow students to provide input on teaching methods and curriculum effectiveness, helping educators adjust approaches to better meet student needs.

Actions for Resource Availability and Faculty Support:

1. Resource Enhancement - Assessed and upgraded the resources available to students and faculty, including software, laboratory equipment, and learning materials, especially in courses where feedback on resources was less favorable.

2. Support Systems for Faculty: Ensured that faculty receive sufficient institutional support, including access to teaching assistants, technological tools, and administrative assistance, to effectively deliver the curriculum.

Actions for Industry Orientation and Employability:

1. Industry Collaboration:

- Strengthened partnerships with industry to ensure the curriculum remains relevant to current and future industry needs, enhancing employability and practical skills.

- Invited industry professionals to contribute to the curriculum through guest lectures, real-world case studies, and mentorship programs.

2. Skills Development Programs:

- Implemented targeted skills enhancement workshops and certification programs that align with industry demands, improving student preparedness for the job market.

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Information Science and Engineering Department

Faculty Feedback Analysis on Curriculum

2020-2021

B. E. Programme

Feedback Received	Action Taken
1)70% to 80% of faculty believe that majority of the Program Outcomes are addressed in the curriculum. All Pos must be covered.	1)Upcoming technology must be discussed and tried to include in the syllabus. Regular workshops and expert talk are conducted to help faculty and students to upgrade to the latest technology.
2)Majority faculty expressed that the pedagogical approaches used in the curriculum should enhance student learning. 80% of the faculty indicated that the teaching methods employed in the curriculum promote student engagement.	2)Students are encouraged to write and publish paper in national and international level. Students are encouraged to participate in hackathons and Ideathon at different levels.
3)70% respondents agreed that the course is industry-oriented and addresses employability skills. They noted that experiential learning of the curriculum enhances students' skills in keeping up with latest technological advancements.	3) Experiential learning can be a combination of 2 subjects. Ex DBMS and Java
4) Respondents expressed current curriculum should prepare students in all directions like industry, higher studies and entrepreneurship	4) They mentioned that it effectively prepares students for the real-world requirements in all directions industry, higher studies or entrepreneurship

RV College of Engineering

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Information Science and Engineering Department

Faculty Feedback Analysis on Curriculum

2020-2021

B. E. Programme

Feedback Received	Action Taken
1)70% to 80% of faculty believe that majority of the Program Outcomes are addressed in the curriculum. All Pos must be covered.	1)Upcoming technology must be discussed and tried to include in the syllabus. Regular workshops and expert talk are conducted to help faculty and students to upgrade to the latest technology.
2)Majority faculty expressed that the pedagogical approaches used in the curriculum should enhance student learning. 80% of the faculty indicated that the teaching methods employed in the curriculum promote student engagement.	2)Students are encouraged to write and publish paper in national and international level. Students are encouraged to participate in hackathons and Ideathon at different levels.
3)70% respondents agreed that the course is industry-oriented and addresses employability skills. They noted that experiential learning of the curriculum enhances students' skills in keeping up with latest technological advancements.	3) Experiential learning can be a combination of 2 subjects. Ex DBMS and Java
4) Respondents expressed current curriculum should prepare students in all directions like industry, higher studies and entrepreneurship	4) They mentioned that it effectively prepares students for the real-world requirements in all directions industry, higher studies or entrepreneurship

DEPARTMENT OF INDUSTRIAL ENGINEERING & MANAGEMENT

B. E. Programme

Action Taken Report on Faculty Feedback Analysis on Curriculum AY 2020-21

Department	Stake Holders	Feedback Insights	Action Taken
Industrial Engineering & Management	Faculty	• 70% of the faculty have rated the syllabus as very good. The syllabus is suitable for the course. • 80% of the faculty have opined very good pedagogical methods and 50% for the teaching methods employed and the student engagement. • 80% have opined about the availability of adequate resources to deliver the curriculum. • 80% expressed the sequence of the topics in the syllabus are very good. • The course needs to be more industry Oriented (80%)	• Inputs from the faculty members were collected and during the course revision, the same was implemented. • The components in the syllabus were altered as per the suggestions made by the faculty, with the approval of BoS members. • The department has conducted BoS (Board of Studies) meeting twice a year. The feedback from the faculty has been incorporated appropriately after brainstorming session in the BoS meeting.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

ATR of Faculty Feedback Analysis (2020-21)

Department	Stakeholder	Feedback received	Action taken
Department of Master of Computer Applications	Faculty	88% of the faculty members agree that courses are aligned and are sufficiently addressed in the curriculum.	Networks, Data Science and Software solution design and development courses were introduced in elective stream, enabling students to pursue their interest in the said domain. The courses were designed from basics to advanced level in 2nd and 3rd semester MCA. Technical seminar course was introduced additionally with minor and major projects to emphasis on role of engineers with societal and environmental concern.
		84% of the faculty members opined that the curriculum is well structured and sequenced. The mode of teaching through pedagogy and new approaches helps students in better understanding the courses	Latest tools and technologies usage is volunteered and encouraged among the faculty members. Integrated courses are taught through practical approach. The new normal of pandemic COVID-19 generated a situation for faculty and students to adopt to a new environment of online academics. Both faculty and students explored the potential of tools for online discussion and session conduction.
		Majority faculty members opined that the 2020 scheme syllabus (2 year course) was more appropriate but loaded with too many topics	Discussions were conducted to figure out how to capture all the essence of the course without over burdening the student. As the MCA course duration was reduced from 3 to 2 years but the course content was not compromised.

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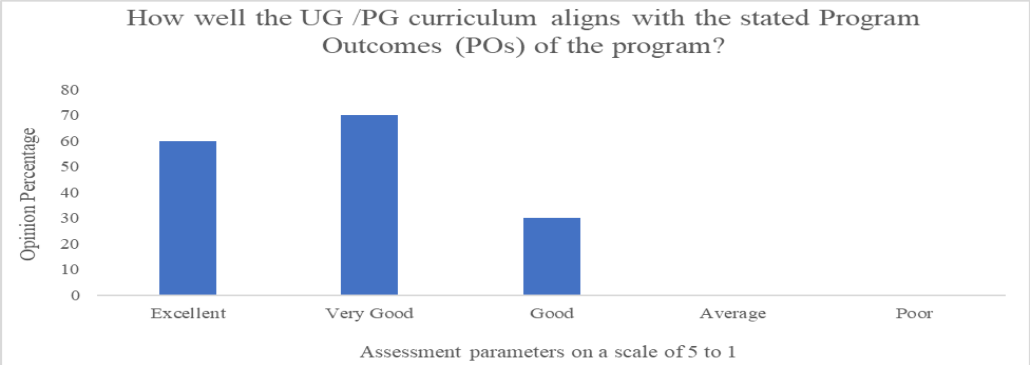
Action taken – Faculty feedback

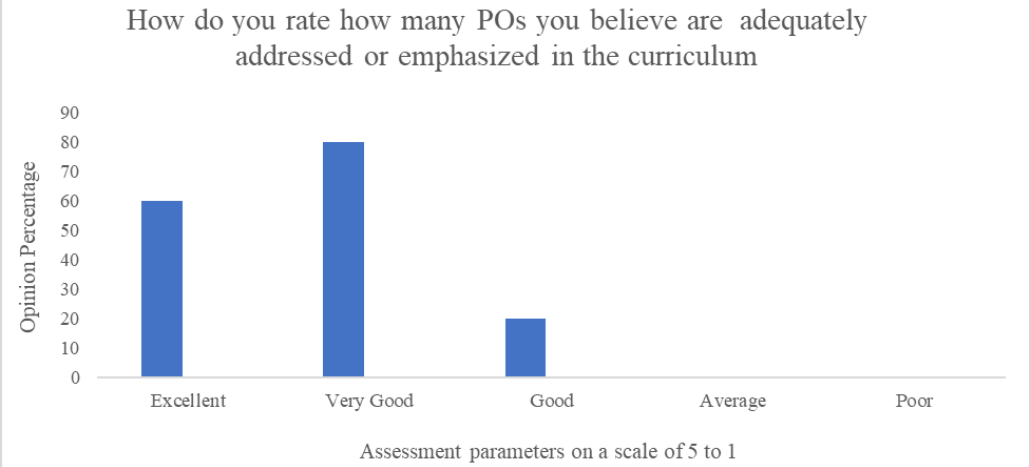
Department of Biotechnology
Programme: B. E.

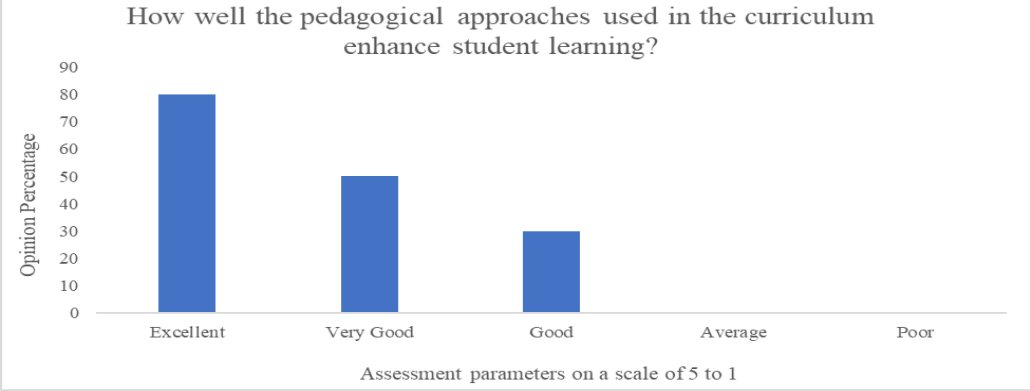
Action taken report (ATR)

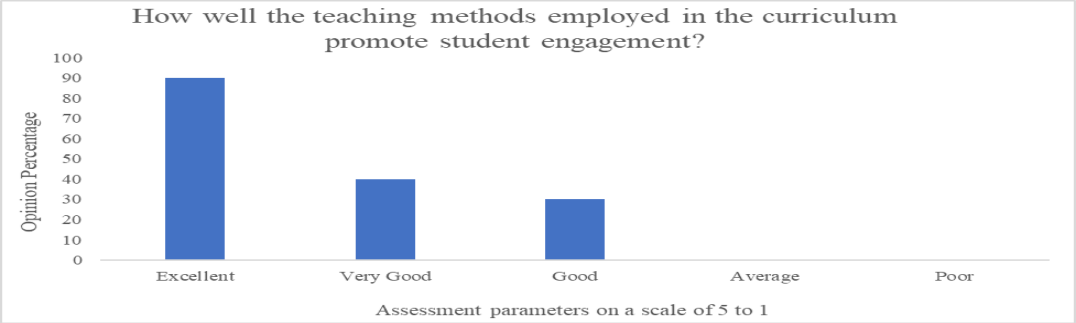
ATR on faculty feedback for received during the AY 2019-2020

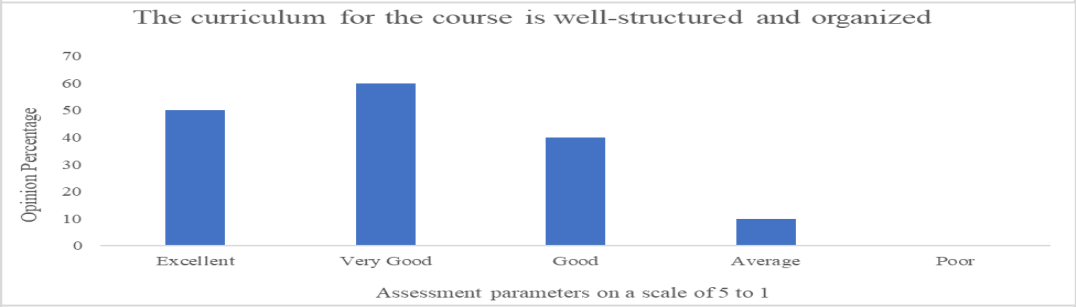
Department	Stakeholder	Feedback received	Action taken
Biotechnology	Faculty	➢ 60% and 70% of the faculty have rated the syllabus as excellent and very good respectively. The syllabus is suitable for the course. ➢ 90% of the faculty have opined excellent for the teaching methods employed and the student engagement. ➢ 70% have opined about the availability of adequate resources to deliver the curriculum. ➢ 80% have opined about the pedagogical approaches followed are excellent. ➢ 90% expressed the sequence of the topics in the syllabus are very good. ➢ Structuring of the curriculum needs to be improved as mentioned by 50% of the faculty. ➢ The course needs to be more industry oriented (40%)	➢ Microbial, plant and animal biotechnology courses have been replaced with bioprocess technology. ➢ Design Thinking must be made audit course. ➢ Clusters for Biology for Engineers course were formed. ➢ Unit Operations course must be taught in 2nd year of BE. ➢ The course Microbiology and Immunology has been changed to Concepts in Biotechnology and the syllabus was made accordingly. ➢ The contents on docking studies, ligand preparation, and drug lead were added in bioinformatics course. ➢ Synthetic biology course was replaced with Forensic Sciences course. ➢ Industry based curriculum content was incorporated in the courses viz., Unit operations, Bioinformatics and Thermodynamics.

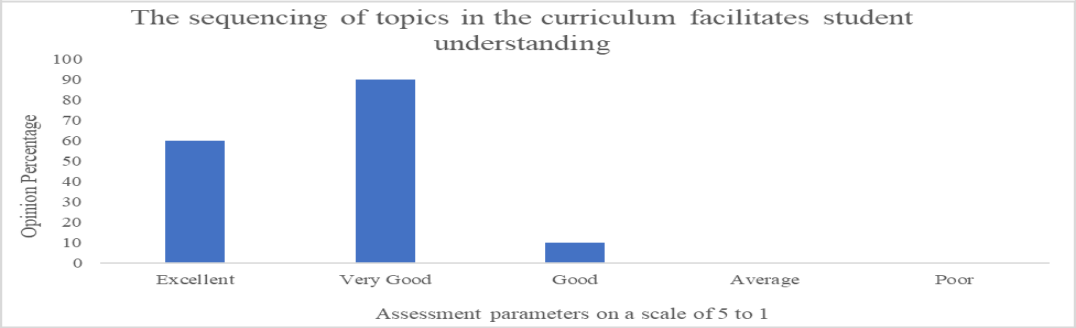

How well the UG /PG curriculum aligns with the stated Program Outcomes (POs) of the program?
Opinion Percentage
80
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1

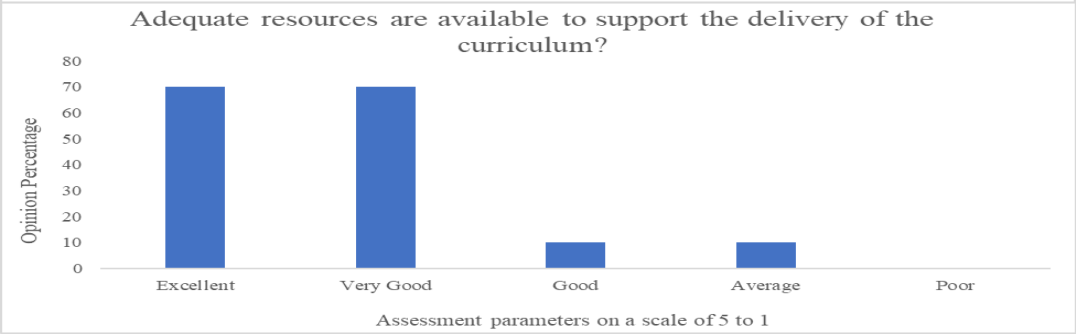

How do you rate how many POs you believe are adequately addressed or emphasized in the curriculum
Opinion Percentage
90
80
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1

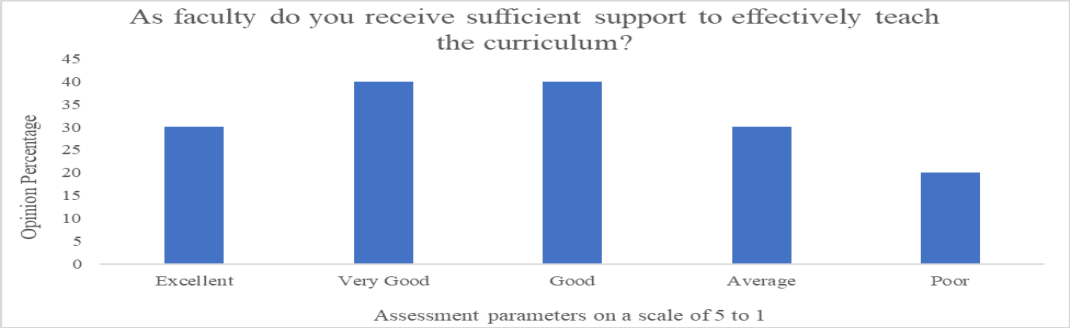

How well the pedagogical approaches used in the curriculum enhance student learning?
Opinion Percentage
90
80
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1

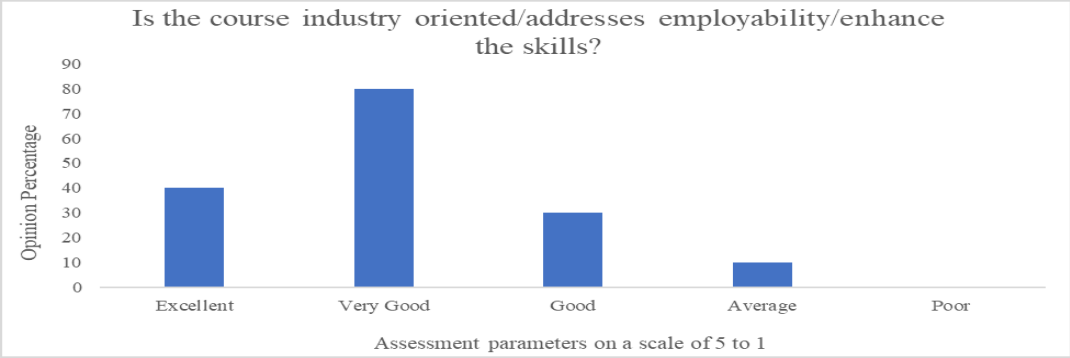

How well the teaching methods employed in the curriculum promote student engagement?
Opinion Percentage
100
90
80
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1

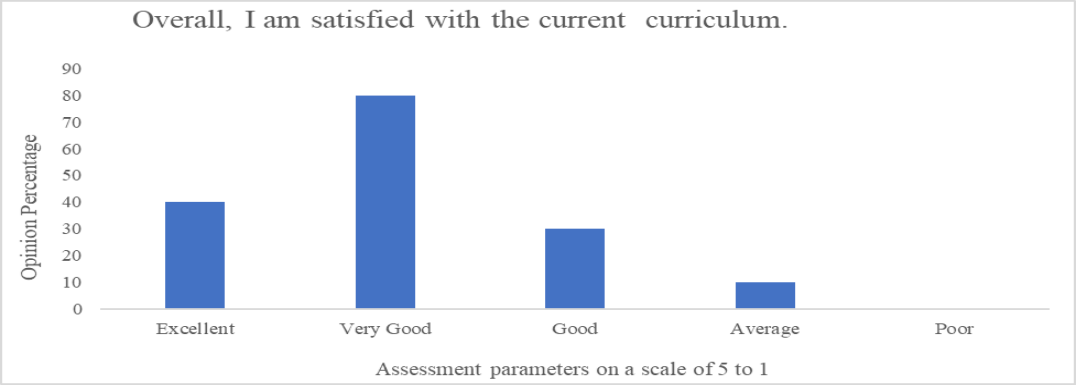

The curriculum for the course is well-structured and organized
Opinion Percentage
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1


The sequencing of topics in the curriculum facilitates student understanding
Opinion Percentage
100
90
80
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1


Adequate resources are available to support the delivery of the curriculum?
Opinion Percentage
80
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1


As faculty do you receive sufficient support to effectively teach the curriculum?
Opinion Percentage
45
40
35
30
25
20
15
10
5
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1


Is the course industry oriented/addresses employability/enhance the skills?
Opinion Percentage
90
80
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1


Overall, I am satisfied with the current curriculum.
Opinion Percentage
90
80
70
60
50
40
30
20
10
0
Excellent
Very Good
Good
Average
Poor
Assessment parameters on a scale of 5 to 1

Department of Chemical Engineering

Academic Year: 2019-2020
Action Taken Report (ATR) on faculty feedback for BE

Department	Stakeholder	Feedback received	Action taken
Chemical Engineering	Faculty	➢ 80% have opined about the pedagogical approaches followed are excellent. ➢ 90% expressed the sequence of the topics in the syllabus are very good. ➢ The structure of the curriculum needs to be improved as mentioned by 50% of the faculty. ➢ The course needs to be more industry oriented (40%) ➢ Some faculty felt POs are to be well mapped and addressed ➢ The pedagogical approach can be improved. ➢ Innovative Teaching methods can be employed	➢ Feedback from the faculty was effectively delivered to the curriculum feedback committee and the syllabus needs restructuring with respect to the addition of industry-based electives, more open electives ➢ New pedagogical approach can be incorporated with the available innovative teaching methods.

ACTION TAKEN REPORT: FACULTY FEEDBACK

Department: Civil Engineering

Academic Year 2019-20

Programme:B.E

Department	Stake Holder	Specific Feedback Received	Action Taken
Civil Engineering	Faculty	➢ Faculty believe that social and environmental courses are not adequately addressed or emphasized in the curriculum. ➢ Majority faculty expressed that the pedagogical approaches used in the curriculum enhanced student learning. ➢ Respondents indicated that the teaching methods employed in the curriculum promote student engagement. ➢ They noted that the aligning with the industry requirements should be taken care of while designing the curriculum. ➢ 85.7% respondents agreed that the course is industry-oriented and addresses employability skills. They noted that experiential learning of the curriculum should enhance students' skills in keeping up with latest technological advancements. ➢ Respondents expressed satisfaction with the	➢ Changes in the curriculum for the course Environmental Technology and inclusion extensive survey camp. ➢ Professional ethics as a part of curriculum is included in Major project and Experiential Learning ➢ Activities where students work on societal cause issue were included in the curriculum. ➢ In addition to the existing approaches for learning design thinking lab was introduced. ➢ Industry person's feedback was taken and they were included in the BOS. ➢ Faculties are encouraged to attend workshop, conferences, present/publish papers etc.

		current curriculum. They mentioned that it effectively prepares students for the real-world requirements be it in industry, higher studies or entrepreneurship.	

T

ACTION TAKEN: FACULTY FEEDBACK

Department of Computer Science and Engineering

Action Taken Report (ATR) on Students Feedback (BE) received during AY 2019-20

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Faculty	➢ Some faculty felt POs are to be well mapped and addressed ➢ Pedagogical approach can be improved. ➢ Innovative Teaching methods can be employed ➢ Majority felt satisfied with the current curriculum and PO achievement.	➢ CO-PO mapping is reviewed at multiple levels while framing syllabus ➢ Smart boards are employed in classrooms and labs for effective delivery of the course content. ➢ Curriculum feedback committee takes feedback from the stakeholders to have updated syllabus which matches with the industry requirements

Name of the Department: Department of Computer Science and Engineering

Academic Year – 2018-19

Faculty Feedback Analysis on Curriculum

Feedback Summary from Faculty

Programme: M. Tech.

Department / Program	Feedback Received	Action Taken
CSE / M.Tech CNE	Faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. Though all POs were well-covered, PO4 and PO6 needs to be offered better mapping for attainment. Majority faculty expressed that the pedagogical approaches used in the curriculum should enhance student learning. Respondents indicated that the teaching methods employed in the curriculum promote student engagement. They suggested to explore more techniques like Role play, simulations to help in achieving the course outcomes. Respondents mentioned that they receive sufficient support to effectively teach the curriculum. They appreciated support provided by the institution.	The mastery of practical aspects should be at a level higher than UG programs by exploring tools and work/model on real world scenario's, hence Experiential Learning which is incorporated as part of curriculum can be employed to encourage students to explore tools for practical exposure. Increased focus towards project based learning by reducing the total number of courses in the third semester of the master's program. Workshops were conducted to train Faculties on ICT/pedagogical techniques such that they are comfortable to conducting and experimenting new teaching methods. Industry persons feedback was taken and they were included in the BOS.

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Department of Computer Science Engineering
2019-2020
Faculty Feedback on Curriculum
Action Taken Report
Programme: M. Tech

Department	Feedback Received	Action Taken
CSE	Faculty agreed that the course should be oriented and address the cutting-edge technologies. More attention needed to encourage hands on activities Encourage students to take up real time application. Respondents expressed satisfaction with the current curriculum.	Regular suggestion was given to students to publish papers. Skill development program was introduced in every semester. Students were encouraged to work on interdisciplinary projects. Students were given a wide range of course to select from the basket course

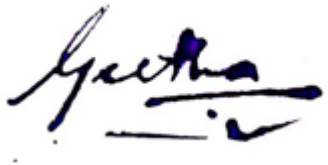
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2019-2020

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• There is a perception that the curriculum could be more industry-oriented. • Faculty believe the curriculum uses effective pedagogical approaches and teaching methods. • There are mixed views on how well the curriculum addresses program outcomes.	• Faculty training on advanced pedagogical approaches for instructors who want to explore new methods • The point is discussed in the AAC and BoS meeting • Curriculum is regularly revised with to with real-world industry examples, case studies and, or guest lectures from industry professionals are provided. • Conducting workshops or meetings with faculty to review program goals



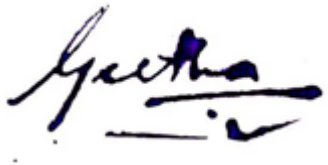
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2019-2020

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• There is a perception that the curriculum could be more industry-oriented. • Faculty believe the curriculum uses effective pedagogical approaches and teaching methods. • There are mixed views on how well the curriculum addresses program outcomes.	• Faculty training on advanced pedagogical approaches for instructors who want to explore new methods • The point is discussed in the AAC and BoS meeting • Curriculum is regularly revised with to with real-world industry examples, case studies and, or guest lectures from industry professionals are provided. • Conducting workshops or meetings with faculty to review program goals



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Department of Electrical and Electronics Engineering

Action Taken Report on Faculty Feedback Analysis on Curriculum

AY 2020-2021

B. E. Programme

Department	Stake Holders	Feedback Insights	Action Taken
Electrical and Electronics Engg	Faculty	Curriculum Alignment with Program Outcomes: Indicates a strong alignment of the curriculum with the stated Program Outcomes. Adequacy of POs Addressed in the Curriculum: Shows a discrepancy in how well POs are addressed, with a notable proportion finding it inadequate. Effectiveness of Pedagogical Approaches: Overall positive feedback suggests that pedagogical methods enhance student learning effectively. Engagement Promoted by Teaching Methods: High approval ratings indicate that teaching methods are effectively engaging students. Curriculum Structure and Organization: Very high satisfaction indicating that	Investigated specific POs that received lower ratings and identify gaps or misalignments in the curriculum. Conducted workshops or training for faculty to better integrate and emphasize all POs effectively. Considered additional investments in technologies or materials that support innovative teaching and learning methods. Provided more comprehensive training and development opportunities focused on pedagogical skills and curriculum delivery. Enhanced communication channels for faculty to provide feedback on curriculum implementation and support needs. Implemented a regular review cycle for the curriculum to ensure it remains

		the curriculum is well-structured and organized. Sequencing of Topics: Strongly positive feedback on how topics are sequenced to facilitate student understanding. Availability of Resources: Generally, resources are adequate but there's a small margin for improvement. Faculty Support: Majority of faculty feel supported, though there is room for improvement. Industry Orientation of the Course: High ratings suggest the course effectively addresses employability and enhances skills relevant to industry needs.	aligned with industry standards and educational goals. Engaged stakeholders including students, alumni, and industry experts in curriculum review processes to ensure relevance and effectiveness.

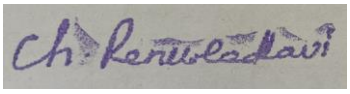
Action taken – Faculty feedback (2019-20)

Department of Electronics and Instrumentation Engineering
B. E Programme

Action taken report (ATR)

Department	Stakeholder	Feedback received	Action taken
EIE	Faculty	• Faculty believe that social and environmental courses are not adequately addressed or emphasized in the curriculum.	• Activities where students work on societal cause issue were included in the curriculum.
		• Majority faculty expressed that the pedagogical approaches used in the curriculum enhanced student learning.	• In addition to the existing approaches for learning design thinking lab was introduced.
		• Respondents indicated that the teaching methods employed in the curriculum promote student engagement.	• Workshops were conducted to train Faculties on ICT/pedagogical techniques such that they are comfortable to conducting and experimenting new teaching methods. YouTube videos were also included by faculties.
		• They noted that the aligning with the industry requirements should be taken care of while designing the curriculum.	• Industry person's feedback was taken and they were included in the BOS. • Many COE's were started. • Faculties are encouraged to attend workshop, conferences, present/publish papers etc.

		• 85.7% respondents agreed that the course is industry-oriented and addresses employability skills. They noted that experiential learning of the curriculum should enhance students' skills in keeping up with latest technological advancements. • Respondents expressed satisfaction with the current curriculum. They mentioned that it effectively prepares students for the real-world requirements be it in industry, higher studies or entrepreneurship.	• In few courses some units of the syllabus will be covered by industry experts. • More weightage will be given to Experiential Learning for all courses.



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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Action Taken-2019

B. E. Programme

Sl. no	Feedback Analysis	Action Taken
1	Curriculum Alignment with Program Outcomes: Indicates a strong alignment of the curriculum with the stated Program Outcomes. Adequacy of POs Addressed in the Curriculum: Shows a discrepancy in how well POs are addressed, with a notable proportion finding it inadequate. Effectiveness of Pedagogical Approaches: Overall positive feedback suggests that pedagogical methods enhance student learning effectively. Engagement Promoted by Teaching Methods: Very good approval ratings indicate that teaching methods are effectively engaging students. Curriculum Structure and Organization: Very high satisfaction indicating that the curriculum is well-structured and organized. Sequencing of Topics: Strongly positive feedback on how topics are sequenced to facilitate student understanding. Availability of Resources: Generally, resources are adequate but there's a small margin for improvement. Faculty Support: Majority of faculty feel supported, though there is room for improvement. Industry Orientation of the Course: High ratings suggest the course effectively addresses employability and enhances skills relevant to industry needs.	Investigated specific POs that received lower ratings and identify gaps or misalignments in the curriculum. Conducted workshops or training for faculty to better integrate and emphasize all POs effectively. Considered additional investments in technologies or materials that support innovative teaching and learning methods. Provided more comprehensive training and development opportunities focused on pedagogical skills and curriculum delivery. Enhanced communication channels for faculty to provide feedback on curriculum implementation and support needs. Implemented a regular review cycle for the curriculum to ensure it remains aligned with industry standards and educational goals. Engaged stakeholders including students, alumni, and industry experts in curriculum review processes to ensure relevance and effectiveness.

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DEPARTMENT OF INDUSTRIAL ENGINEERING & MANAGEMENT
B. E. Programme

Action Taken Report on Faculty Feedback Analysis on Curriculum AY 2019-20

Department	Stake Holders	Feedback Insights	Action Taken
Industrial Engineering & Management	Faculty	• Faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. All POs were well-covered. • Majority faculty expressed that the pedagogical approaches used in the curriculum enhanced student learning. • Respondents agreed that the curriculum for the course should be more structured and to the industry standards. They noted that the aligning with the industry requirements should be taken care of while designing the curriculum. • 100% respondents confirmed that adequate resources are available to support the delivery of the curriculum. They highlighted the availability of smart classrooms particularly beneficial. • Respondents mentioned that they receive sufficient support to effectively teach the curriculum. They appreciated support	• Activities where students work on societal cause issue were included in the curriculum. • In addition to the existing approaches for learning design thinking lab was introduced. • Workshops were conducted to train Faculties on ICT/pedagogical techniques such that they are comfortable to conducting and experimenting new teaching methods. YouTube videos were also included by faculties. • Industry person's feedback was taken and they were included in the BOS. • Many COE's were started. • Faculties are encouraged to attend workshop, conferences, present/publish papers etc. • In few courses some units of the syllabus

		provided by the institution. • 85.7% respondents agreed that the course is industry-oriented and addresses employability skills. They noted that experiential learning of the curriculum enhance students' skills in keeping up with latest technological advancements. • Respondents expressed satisfaction with the current curriculum. They mentioned that it effectively prepares students for the real-world requirements be it in industry, higher studies or entrepreneurship.	was covered by industry experts.

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Information Science and Engineering Department
Faculty Feedback Analysis on Curriculum
2019-2020
B. E. Programme

Feedback Received	Action Taken
1)50% of faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. Some noted that few POs were well-covered, and others were not covered at all.	1)Care to be taken for CO PO mapping during next scheme
2)Majority faculty expressed that the pedagogical approaches used in the curriculum should enhance student learning.	2)Project management subjects were included. Activities where students work on environment and sustainability issue were included in the curriculum.
3)Respondents indicated that the teaching methods employed in the curriculum promote student engagement. They appreciated Role play, simulations helped in achieving the course outcomes. However they also expressed that time and effort required by the teachers in carrying out these activities is very high.	3)In addition to the existing approaches for learning approaches such as inquiry based learning(IBL), Experiential learning and problem based learning are particularly effective in realizing the program outcomes.
4)Respondents agreed that the curriculum for the course should be more structured and to the industry standards. They noted that the aligning with the industry requirements should be taken care of while designing the curriculum.	4)The curriculum is designed with the input from various stake holders: Industry, academia, students and Alumni.
5)95% respondents confirmed that adequate resources are available to support the delivery of the curriculum. They highlighted the need of smart classrooms and training is required for its usage.	5)To modernize the teaching-learning process Smart boards were procured for many classrooms. Workshops were conducted to train Faculties on ICT/pedagogical techniques such that they are comfortable to conducting and experimenting new teaching methods

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RV College of Engineering
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Approved by AICTE, New Delhi

Dept of Mechanical Engineering

ACTION TAKEN SAMPLE: FACULTY FEEDBACK

Action Taken Report on Student Feedback received during 2019-20

B. E. Programme

Faculty Feedback	Action taken
1. How well the UG/PG curriculum aligns with the stated Program Outcomes (POs) of the ME program: 2. How do you rate POs you believe are adequately addressed or emphasized in the curriculum? 3. How well the pedagogical approaches used in the curriculum enhance student learning? 4. How well the teaching methods employed in the curriculum promote student engagement? 5. The curriculum for the course is well-structured and organized 6. The sequencing of topics in the curriculum facilitates student understanding 7. Adequate resources are available to support the delivery of the curriculum: 8. As faculty you receive sufficient support to effectively teach the curriculum: 9. Is the course industry-oriented/addresses employability/enhances the skills? 10. Overall, I am satisfied with the current curriculum:	✓ Conduct in-depth examination of program outcomes to identify strengths and areas needing improvement ✓ Map program outcomes to the curriculum to identify alignment effectiveness and areas requiring adjustments ✓ Develop strategies for enhancement, including revising content, introducing new modules, or redesigning assessments ✓ Evaluate pedagogical approaches through feedback and student performance assessment ✓ Identify effective methods for enhancing learning, such as incorporating interactive activities or innovative teaching techniques ✓ Assess teaching methods' effectiveness in promoting engagement and identify strategies for improvement ✓ Review curriculum structure and organization to identify strengths and weaknesses ✓ Make adjustments to ensure seamless progression and comprehension ✓ Evaluate resource availability and faculty support to enhance curriculum delivery ✓ Advocate for additional resources and support mechanisms as needed ✓ Align course content with industry needs and employability to ensure relevance ✓ Collaborate with industry partners to integrate relevant skills and enhance employment prospects ✓ Review overall satisfaction ratings to identify areas for improvement ✓ - Use feedback to inform potential curriculum changes for continuous enhancement.

Professor & Head
Department of Mechanical Engineering
R.V.College of Engineering
Bangalore - 560 059

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

ATR of Faculty Feedback Analysis (2019-20)

Department	Stakeholder	Feedback received	Action taken
Department of Master of Computer Applications	Faculty	87% of the faculty members agree that courses are aligned and are sufficiently addressed in the curriculum	Assignments, minor projects and Major projects are aligned and aimed towards societal, environmental and sustainable solution designs
		86% of the faculty members opined that the curriculum is well structured and sequenced. The mode of teaching through pedagogy and new approaches helps students in better understanding the courses	New tools and technologies usage is volunteered and encouraged among the faculty members. Integrated courses are taught through practical approach. Use of Git and GitHub is Encouraged for showcasing and wide reach of students learning
		32% of faculty opined that some improvement is needed and to incorporate the courses more relevant to industry	Discussions were made with alumni, employers and other stake holders to bring in the more industry-oriented topics into the curriculum.

Director
Department of
Master of Computer Applications
R.V. College of Engineering
Mysore Road, Bengaluru-59

ACTION TAKEN: FACULTY FEEDBACK

Department of Biotechnology and Engineering

Action Taken Report (ATR) on Faculty Feedback (BE) received during AY 2018-19

Programme : B. E

Department	Stakeholder	Feedback received	Action taken
Biotechnology	Faculty	➢ 70% of the faculty have rated the syllabus for excellent and very good. The syllabus is suitable for the course. ➢ 40% of the faculty have opined excellent for the teaching methods employed, pedagogical approaches and the student engagement as excellent but most of the faculty expressed its very good (80%). ➢ 80% have opined about the availability of adequate resources to deliver the curriculum. ➢ 60% expressed the sequence of the topics in the syllabus are very good. ➢ Structuring of the curriculum needs to be improved as mentioned by 60% of the faculty. ➢ The course needs to be more industry oriented (50%) ➢ Overall satisfaction on the curriculum is very good (90%)	➢ Feedback from the faculty were collected and during the course revision, the same was implemented in Concepts of Biotechnology, Basics of Computer Applications, Process Calculation and Biochemistry courses. ➢ Nanotechnology should be offered separately and the same was offered by excluding the Biophysics course. As the nanotechnology and biophysics were clubbed earlier. ➢ Unit III in Agriculture Biotechnology course was repetitive, hence Biopesticides and biofertilizers were added to Unit III. Plant protection was given importance in Agriculture Biotechnology course. ➢ Post harvest preservation concepts were added in Food and Diary Biotechnology course. ➢ Numericals were added to Process dynamics and control course. ➢ The courses can be taught by adopting pedagogical activities such as project based learning, self study was introduced and use of AV were followed.

Department of Chemical Engineering

Academic Year: 2018-2019
Action Taken Report (ATR) on faculty feedback for BE

Department	Stakeholder	Feedback received	Action taken
Chemical Engineering	Faculty	➢ 30% of the faculty have rated the curriculum for excellent and 80% very good for the curriculum alignment with the PO's of the program ➢ 80% of the faculty rated that adequate number of POs are addressed or emphasized in the Curriculum ➢ 90% of the faculty agree that the pedagogical approaches used in the curriculum facilitate student learning ➢ 30% of the faculty have opined excellent for the teaching methods employed, pedagogical approaches and the student engagement as excellent but most of the faculty expressed its very good (80%). ➢ 80% have opined about the availability of adequate resources to deliver the curriculum. ➢ 60% expressed the sequence of the topics in the syllabus are very good. ➢ The structure of the curriculum needs to be improved as mentioned by 50% of the faculty.	➢ Multiple reviews of the syllabus carried out for obtaining well defined CO's ➢ The defined CO's are mapped with the PO in a most effective way.

ACTION TAKEN REPORT: FACULTY FEEDBACK

Department: Civil Engineering

Academic Year 2018-19

Programme : B. E

Department	Stake Holder	Specific Feedback Received	Action Taken
Civil Engineering	Faculty	➢ 48% of faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. ➢ Majority faculty expressed that the pedagogical approaches used in the curriculum enhanced student learning. ➢ Respondents indicated that the more teaching learning methods to be employed in the curriculum to promote student engagement. ➢ Respondents agreed that the curriculum for the course should be more structured and to the industry standards. ➢ 64% respondents confirmed that adequate resources are available to support the delivery of the curriculum. They highlighted the availability of smart classrooms particularly beneficial. ➢ 56% respondents agreed that the course is industry-oriented and addresses employability skills. They noted that experiential learning of the curriculum	➢ A course titled "Green building systems and embodied energy" was introduced. ➢ Activities where students work on environment and sustainability issue were included in the curriculum. ➢ Encourage open-ended projects and integrate industry trends through guest lectures, workshops, site visits and regular curriculum reviews. ➢ Workshops were conducted to train Faculties on ICT/pedagogical techniques such that they are comfortable to conducting and experimenting new teaching methods. ➢ The curriculum is designed with the input from various stake holders: Industry, academia,

		enhance students' skills in keeping up with latest technological advancements.	students and Alumni. ➢ To modernize the teaching-learning process Smart boards were procured for many classrooms. ➢ Industry representatives are member of Board of studies (BoS). Every time syllabus is revised feedback are obtained from Industry to check it's relevance to ongoing Industry trends.

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RV College of Engineering
Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi
Approved by AICTE, New Delhi

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ACTION TAKEN: FACULTY FEEDBACK

Department of Computer Science and Engineering

Action Taken Report (ATR) on Students Feedback received during AY 2018-19

Programme : B. E

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Faculty	➢ Majority of the faculty believe that the curriculum is aligned at achieving POs ➢ CO-PO mapping can be modified to achieve some POs that are not achieved ➢ Cos has to be well defined to achieve POs ➢ TLP can be improved	➢ Syllabus is framed with multiple reviews, where the Cos are well defined. ➢ The CO-PO mapping is reviewed and modified. ➢ Syllabus is framed to achieve all the POs.

Name of the Department: Department of Computer Science and Engineering

Academic Year – 2018-19

Faculty Feedback Analysis on Curriculum

Feedback Summary from Faculty

Programme: M. Tech.

Department / Program	Feedback Received	Action Taken
CSE / M.Tech CNE	Faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. Though all POs were well-covered, PO4 and PO6 needs to be offered better mapping for attainment. Majority faculty expressed that the pedagogical approaches used in the curriculum should enhance student learning. Respondents indicated that the teaching methods employed in the curriculum promote student engagement. They suggested to explore more techniques like Role play, simulations to help in achieving the course outcomes. Respondents mentioned that they receive sufficient support to effectively teach the curriculum. They appreciated support provided by the institution.	The mastery of practical aspects should be at a level higher than UG programs by exploring tools and work/model on real world scenario's, hence Experiential Learning which is incorporated as part of curriculum can be employed to encourage students to explore tools for practical exposure. Increased focus towards project based learning by reducing the total number of courses in the third semester of the master's program. Workshops were conducted to train Faculties on ICT/pedagogical techniques such that they are comfortable to conducting and experimenting new teaching methods.

		Industry persons feedback was taken and they were included in the BOS.

Department of Computer Science Engineering
2018-2019
Faculty Feedback Analysis on Curriculum
Feedback Summary from Faculty

FACULTY FEEDBACK ANALYSIS

2018 – 19

Department	Feedback Received	Action Taken
CSE	Faculty agreed that the course should be oriented and address the cutting-edge technologies. Respondents expressed satisfaction with the current curriculum.	Regular suggestion was given to students to publish papers. Students were given a wide range of course to select from the basket course

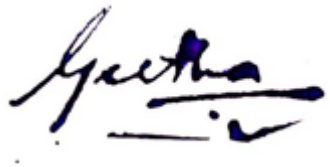
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2018-2019

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• Faculty views are mixed on how well the curriculum translates program goals into clear learning objectives. • While some faculty believe teaching methods promote engagement, others see room for improvement. • The curriculum is well-structured, and organized, and resources are adequate. Faculty receive good support to effectively teach the program.	• Consider piloting new teaching methods known to enhance engagement, such as flipped classrooms, problem-based learning, or collaborative projects. • The point is discussed in the AAC and BoS meeting • Curriculum is regularly revised with industry BOS members. • Conducting workshops or meetings with faculty to review program goals



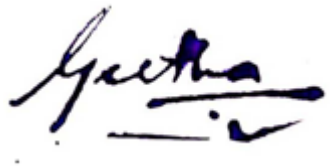
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Action Taken Report

2018-2019

Feedback Summary from Faculty

S. No	Feedback Analysis	Action Taken
1.	• Faculty views are mixed on how well the curriculum translates program goals into clear learning objectives. • While some faculty believe teaching methods promote engagement, others see room for improvement. • The curriculum is well-structured, and organized, and resources are adequate. Faculty receive good support to effectively teach the program.	• Consider piloting new teaching methods known to enhance engagement, such as flipped classrooms, problem-based learning, or collaborative projects. • The point is discussed in the AAC and BoS meeting • Curriculum is regularly revised with industry BOS members. • Conducting workshops or meetings with faculty to review program goals



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ACTION TAKEN: FACULTY FEEDBACK
Department of Electrical and Electronics Engineering
Action Taken Report (ATR) on Students Feedback received during AY 2018-19
Programme : B. E

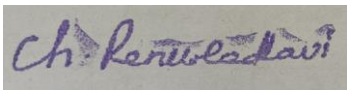
Department	Stake Holders	Feedback Insights	Action Taken
Electrical and Electronics Engg	Faculty	Curriculum Alignment with Program Outcomes: 63% Excellent, 47% Very Good: Indicates strong alignment of curriculum with the stated POs. Adequacy of POs Addressed in the Curriculum: 36% Excellent, 21% Very Good, 45% Poor: Shows significant room for improvement in addressing or emphasizing POs within the curriculum. Effectiveness of Pedagogical Approaches: 63% Excellent, 27% Very Good, 10% Good: Generally positive, suggesting that the approaches enhance student learning effectively. Engagement Promoted by Teaching Methods: 81% Excellent, 19% Very Good: Very high satisfaction, indicating	**Improve PO Coverage:** Regularly reviewed and updated the curriculum to ensure it comprehensively addresses all Program Outcomes. Organized developmental workshops for faculty on integrating POs more effectively into their teaching practices. **Target Areas with Lower Ratings:** Conducted in-depth analyses to understand the reasons behind the 45% poor rating in PO coverage and develop specific strategies to address these deficiencies. Solicited detailed feedback from students and faculty to gain insights into potential improvements. Established Continuous Curriculum Improvement Processes: Set up a structured process for ongoing curriculum evaluation and revision to maintain relevance with industry standards and academic advancements.

		effective teaching methods that engage students. Curriculum Structure and Organization: Consistently high ratings across various aspects such as structure, organization, topic sequencing, and industry orientation, all scoring 81% Excellent and 19% Very Good. Resource Availability and Faculty Support: Both resources and faculty support are highly rated, indicating sufficient provisions for effective teaching.	Implemented a feedback loop involving students, alumni, and industry stakeholders to continuously refine curriculum content. Enhanced Student Engagement and Learning: Integrate more experiential learning opportunities such as projects, labs, and real-world problem-solving activities directly linked to Program Outcomes. Adopt active learning techniques and incorporate modern educational technologies to make learning more interactive and engaging. Supported Faculty with Adequate Resources: Ensure that faculty have access to the latest teaching resources, technologies, and professional development opportunities. Provide platforms for faculty to share best practices, innovative teaching methods, and experiences to foster a collaborative teaching environment.

Action taken – Faculty feedback (2018-19)
Department of Electronics and Instrumentation Engineering
Action taken report (ATR)
Programme: BE

Department	Stakeholder	Feedback received	Action taken
EIE	Faculty	• 50% of faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. • Majority faculty expressed that the pedagogical approaches used in the curriculum enhanced student learning. • Respondents indicated that the more teaching learning methods to be employed in the curriculum to promote student engagement. • Respondents agreed that the curriculum for the course should be more structured and to the industry standards. They noted that the aligning with the industry requirements should be taken care of while designing the curriculum. • 87.5% respondents confirmed that adequate resources are available to support the delivery of the curriculum. They highlighted the availability of smart classrooms particularly beneficial.	• Activities where students work on environment and sustainability issue were included in the curriculum. • Approaches such as experiential learning and problem-based learning are particularly effective in realizing the program outcomes. • Workshops were conducted to train Faculties on ICT/pedagogical techniques such that they are comfortable to conducting and experimenting new teaching methods. • The curriculum is designed with the input from various stake holders: Industry, academia, students and Alumni. • To modernize the teaching-learning process Smart boards were procured for many classrooms. • Faculties are encouraged to attend workshop, conferences, present/publish papers

		. • 62.5% respondents agreed that the course is industry-oriented and addresses employability skills. They noted that experiential learning of the curriculum enhance students' skills in keeping up with latest technological advancements. • 75% respondents expressed satisfaction with the current curriculum. They mentioned that it effectively prepares students for the real-world requirements be it in industry, higher studies or entrepreneurship.	etc. • Industry representatives are member of Board of studies (BoS). Every time syllabus is revised feedback are obtained from Industry to check it's relevance to ongoing Industry trends.



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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING
Action Taken-2018-19
Programme-B.E.

Sl. no	Feedback Analysis	Action Taken
1	Curriculum Alignment with Program Outcomes: 20% Very Good, 60% Good, 20% Average: Indicates good alignment of curriculum with the stated POs. Adequacy of POs Addressed in the Curriculum: 40% Very Good, 60% Average: Shows significant room for improvement in addressing or emphasizing POs within the curriculum. Effectiveness of Pedagogical Approaches: 40% Very Good, 40% Good, 20% Average: Generally positive, suggesting that the approaches enhance student learning effectively. Engagement Promoted by Teaching Methods: 100% Very Good: Very high satisfaction, indicating effective teaching methods that engage students. Curriculum Structure and Organization: Consistently high ratings across various aspects such as structure, organization, topic sequencing, and industry orientation, all scoring 30% Excellent and 70% Very Good. Resource Availability and Faculty Support: Both resources and faculty support are highly rated, indicating sufficient provisions for effective teaching.	**Improve PO Coverage:** Regularly reviewed and updated the curriculum to ensure it comprehensively addresses all Program Outcomes. Organized developmental workshops for faculty on integrating POs more effectively into their teaching practices. **Target Areas with Lower Ratings:** Conducted in-depth analyses to understand the reasons behind the 20% average rating in PO coverage and develop specific strategies to address these deficiencies. Solicited detailed feedback from students and faculty to gain insights into potential improvements. Established Continuous Curriculum Improvement Processes: Set up a structured process for ongoing curriculum evaluation and revision to maintain relevance with industry standards and academic advancements. Implemented a feedback loop involving students, alumni, and industry stakeholders to continuously refine curriculum content. Enhanceed Student Engagement and Learning: Integrate more experiential learning opportunities such as projects, labs, and real-world problem-solving activities directly linked to Program Outcomes.

		Adopt active learning techniques and incorporate modern educational technologies to make learning more interactive and engaging. Supported Faculty with Adequate Resources: Ensure that faculty have access to the latest teaching resources, technologies, and professional development opportunities.

DEPARTMENT OF INDUSTRIAL ENGINEERING & MANAGEMENT

Action Taken Report on Faculty Feedback Analysis on Curriculum AY 2018-19

Programme : B. E.

Department	Stake Holders	Feedback Insights	Action Taken
Industrial Engineering & Management	Faculty	• 50% of faculty believe that majority of the Program Outcomes are adequately addressed or emphasized in the curriculum. Some noted that few POs were well-covered, and others were not covered at all. • Majority faculty expressed that the pedagogical approaches used in the curriculum enhanced student learning. • 75% respondents confirmed that adequate resources are available to support the delivery of the curriculum. They highlighted the availability of smart classrooms particularly beneficial. • 75% respondents agreed that the course is industry-oriented and addresses employability skills. They noted that experiential learning of the curriculum enhance students' skills in keeping up with latest technological advancements. • 75% respondents expressed satisfaction with the current curriculum. They mentioned that it effectively prepares students for the real-world requirements be it in industry, higher studies or entrepreneurship.	• Activities where students work on environment and sustainability issue were included in the curriculum. • Approaches such as experiential learning and problem-based learning are particularly effective in realizing the program outcomes. • The curriculum is designed with the input from various stake holders: Industry, academia, students and Alumni. • To modernize the teaching-learning process Smart boards were procured for many classrooms. • Faculties are encouraged to attend workshop, conferences, present/publish papers etc. • Industry representatives are member of Board of studies (BoS). Every time syllabus is revised feedback are obtained from Industry to check it's relevance to ongoing Industry trends.

Information Science and Engineering Department
Faculty Feedback Analysis on Curriculum
2018-20
Programme : B. E.

Feedback Received	Action Taken
1)Majority faculty expressed that the pedagogical approaches used in the curriculum should enhance student learning.	1) In addition to the existing approaches for learning. Activities where students work on societal cause issue were included in the curriculum.
2)Respondents indicated that the teaching methods employed in the curriculum promote student engagement. They appreciated Role play, simulations helped in achieving the course outcomes. However they also expressed that time and effort required by the teachers in carrying out these activities is very high.	2)Workshops were conducted to train Faculties on pedagogical techniques such that they are comfortable to conducting and experimenting new teaching methods.
3)Respondents agreed that the curriculum for the course should be more structured and to the industry standards. They noted that the aligning with the industry requirements should be taken care of while designing the curriculum.	3)Industry persons feedback was taken and they were included in the BOS.

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Dept of Mechanical Engineering

ACTION TAKEN: FACULTY FEEDBACK

Action Taken Report on Student Feedback received during 2018-19

Programme : B. E.

Faculty Feedback	Action taken
1. How well the UG/PG curriculum aligns with the stated Program Outcomes (POs) of the ME program: 2. How do you rate POs you believe are adequately addressed or emphasized in the curriculum? 3. How well the pedagogical approaches used in the curriculum enhance student learning? 4. How well the teaching methods employed in the curriculum promote student engagement? 5. The curriculum for the course is well-structured and organized 6. The sequencing of topics in the curriculum facilitates student understanding 7. Adequate resources are available to support the delivery of the curriculum: 8. As faculty you receive sufficient support to effectively teach the curriculum: 9. Is the course industry-oriented/addresses employability/enhances the skills? 10. Overall, I am satisfied with the current curriculum:	✓ Conduct in-depth examination of program outcomes to identify strengths and areas needing improvement ✓ Map program outcomes to the curriculum to identify alignment effectiveness and areas requiring adjustments ✓ Develop strategies for enhancement, including revising content, introducing new modules, or redesigning assessments ✓ Evaluate pedagogical approaches through feedback and student performance assessment ✓ Identify effective methods for enhancing learning, such as incorporating interactive activities or innovative teaching techniques ✓ Assess teaching methods' effectiveness in promoting engagement and identify strategies for improvement ✓ Review curriculum structure and organization to identify strengths and weaknesses ✓ Make adjustments to ensure seamless progression and comprehension ✓ Evaluate resource availability and faculty support to enhance curriculum delivery ✓ Advocate for additional resources and support mechanisms as needed ✓ Align course content with industry needs and employability to ensure relevance ✓ Collaborate with industry partners to integrate relevant skills and enhance employment prospects ✓ Review overall satisfaction ratings to identify areas for improvement ✓ Use feedback to inform potential curriculum changes for continuous enhancement.

Professor & Head
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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

ATR of Faculty Feedback Analysis (2018-19)

Department	Stakeholder	Feedback received	Action taken
Department of Master of Computer Applications	Faculty	83% of the faculty members agree that courses are aligned and are sufficiently addressed in the curriculum	Self-Study, minor and Major projects are aligned and aimed towards societal, environmental and sustainable solution designs
		89% of the faculty members opined that the curriculum is well structured and sequenced. The mode of teaching through pedagogy and new approaches helps students in better understanding the courses	New tools and technologies usage is volunteered and encouraged among the faculty members. Integrated courses are taught through practical approach. Use of Git and GitHub is Encouraged for showcasing and wide reach of students learning
		24% of faculty opined that some improvement is needed and to incorporate the courses more relevant to industry	Discussions were made with alumni, employers and other stake holders to bring in the more industry-oriented topics into the curriculum.

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