



## FEEDBACK SYSTEM 2023-2024

### ACTION TAKEN REPORT

## Stakeholders Feedback on Curriculum

### Analysis 2023-2024

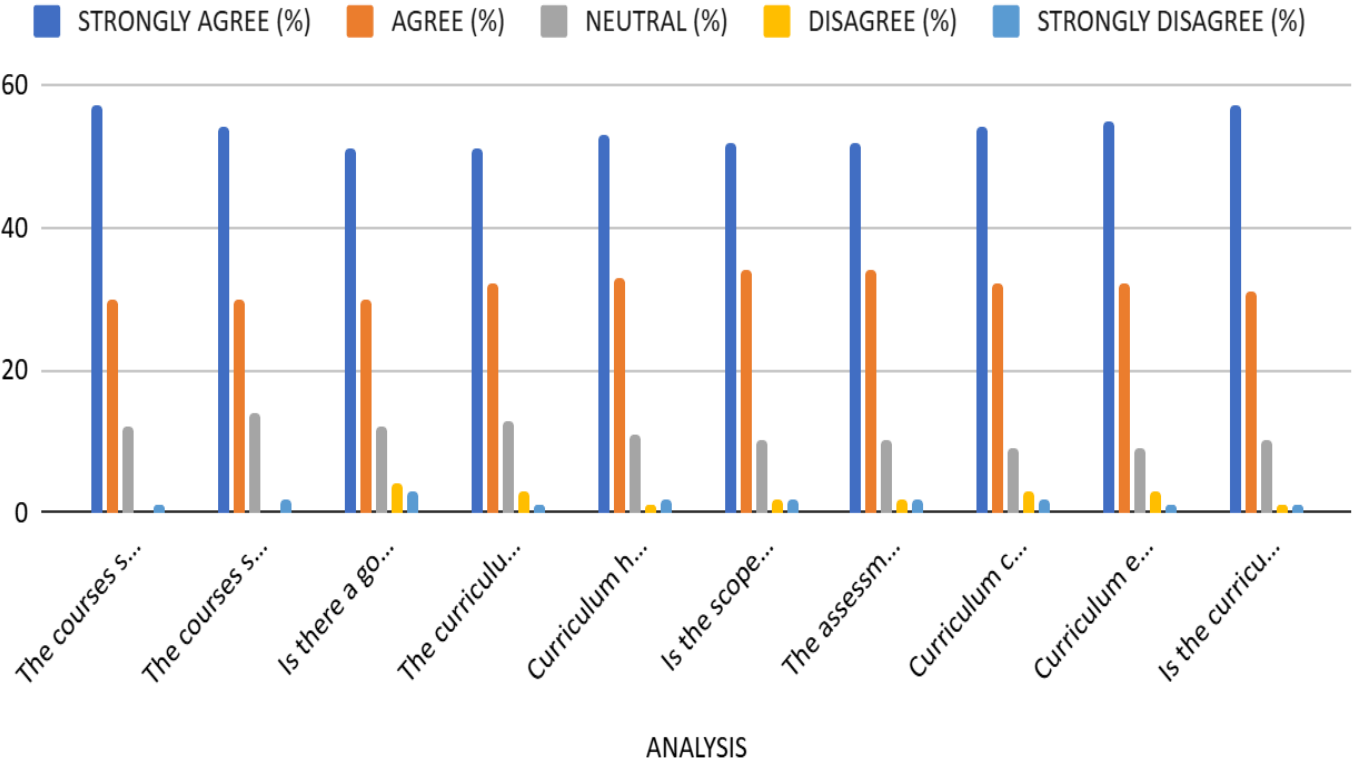
#### Students Feedback:

We solicited feedback from both our undergraduate and postgraduate students. A special five-point scale on the curriculum is designed in this feedback form. Students felt that each course's objectives were clear, and that the course workload was manageable. The curriculum designed was socially relevant and appropriate for placements. Even the curriculum assists them in becoming responsible citizens.

#### Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE (%)	AGREE (%)	NEUTRAL (%)	DISAGREE (%)	STRONGLY DISAGREE (%)
1	The courses studied by me are relevant and the contents are revised at reasonable intervals. Is the course completed in time	57	30	12	0	1
2	The courses studied by me have enhanced analytical and problem-solving skills	54	30	14	0	2
3	Is there a good balance of theory and laboratory components in the curriculum?	51	30	12	4	3
4	The curriculum is designed so as to enhance our employability	51	32	13	3	1
5	Curriculum helps to guide the students for overall personality development of the students	53	33	11	1	2
6	Is the scope of the syllabus framed to improve entrepreneurship skills, lifelong learning, human values and ethics.	52	34	10	2	2
7	The assessment and evaluation process is fair and unbiased	52	34	10	2	2
8	Curriculum covers latest developments in the subject/area of knowledge	54	32	9	3	2
9	Curriculum encourage the students to participate in extra-curricular, co-curricular activities and research projects	55	32	9	3	1
10	Is the curriculum facilitated with value added courses, skill enhancement and certification courses based on your interest or requirement.	57	31	10	1	1

# STUDENTS FEEDBACK ANALYSIS - 2023-2024



### Teacher Feedback

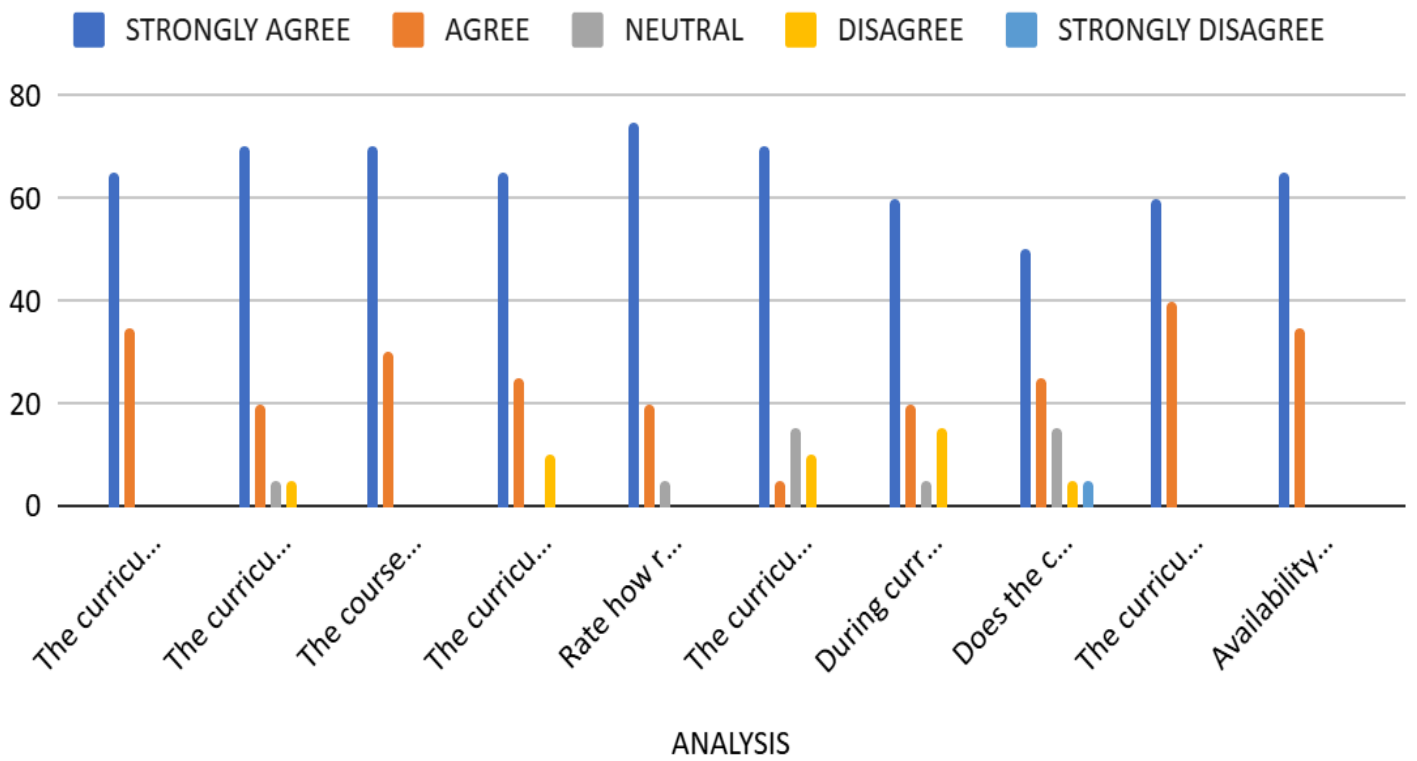
All of the teachers agree that the syllabi are adequate; few percent of the teachers indicate a need for analytical abilities in the curriculum; and some of the teachers indicate a need of source materials for reading.

The component on analytical skills should be emphasized in the curriculum. Reading and source material on latest updates in the subjects should be bolstered through the departmental / central library.

### Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE (%)	AGREE (%)	NEUTRAL (%)	DISAGREE (%)	STRONGLY DISAGREE (%)
1	The curriculum is framed as per the need of students.	65	35	0	0	0
2	The curriculum is well-balanced in terms of theoretical and practical knowledge.	70	20	5	5	0
3	The course content is equally balanced from simple to complex form.	70	30	0	0	0
4	The curriculum's proposed pedagogy corresponds to the content.	65	25	0	10	0
5	Rate how relevance and sufficient the course contents are framed based on the current technology trends.	75	20	5	0	0
6	The curriculum development procedure needs improvement	70	5	15	10	0
7	During curriculum design and revision the faculty members' opinions are considered.	60	20	5	15	0
8	Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.	50	25	15	5	5
9	The curriculum is clearly stated with learning outcomes and the assessment and evaluation process.	60	40	0	0	0
10	Availability of standard textbooks for the coverage of the syllabus	65	35	0	0	0

# STAFF FEEDBACK ANALYSIS - (2023-2024)



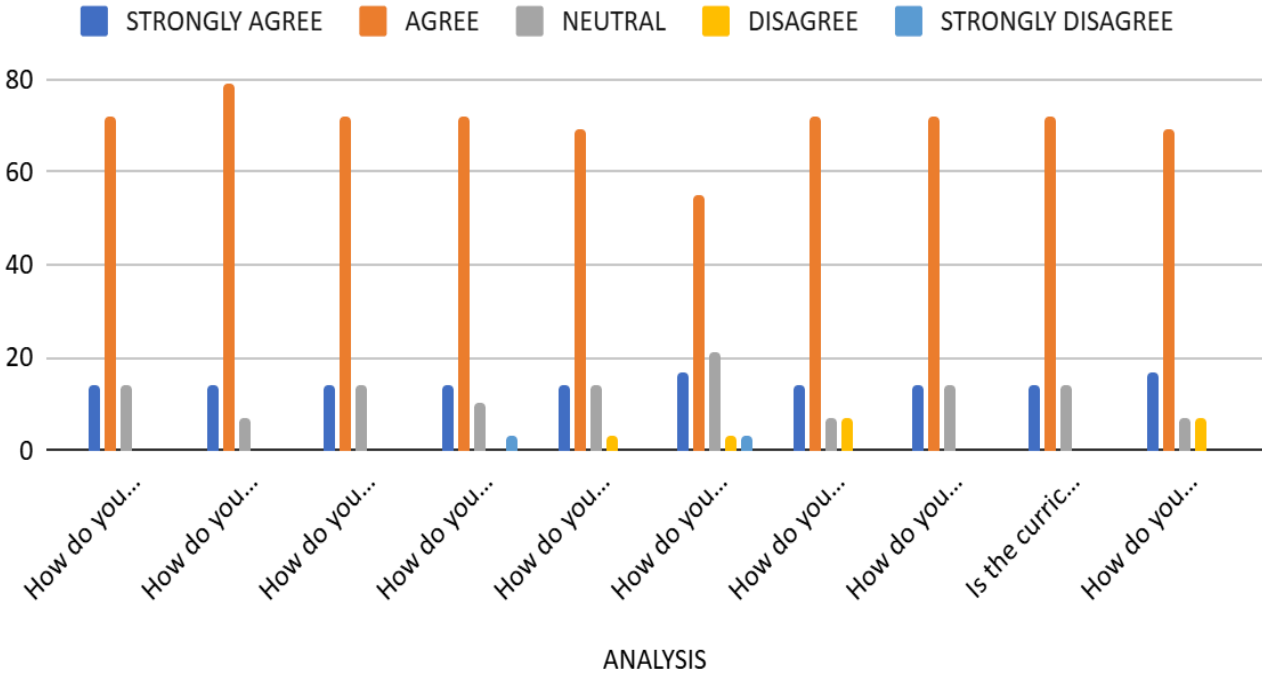
### ParentFeedback:

The input from parents is gathered in order to gain a better understanding of the student's education and activities in and around the department. We have received complete feedback from parents on the current content of the syllabus, which has aided the future of the students.

### Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE (%)	AGREE (%)	NEUTRAL (%)	DISAGREE (%)	STRONGLY DISAGREE (%)
1	How do you rate the program that your ward is undergoing in terms of the load of the courses in different semesters?	14	72	14	0	0
2	How do you rate the availability of the course resources to the ward	14	79	7	0	0
3	How do you rate the quality and relevance of the courses included into the semester?	14	72	14	0	0
4	How do you rate the availability of library and laboratory facilities pertaining to the courses	14	72	10	0	3
5	How do you rate the ambience of the university for effective delivery of the academic programs?	14	69	14	3	0
6	How do you rate the courses in terms of the irrelevance to the latest technologies or future technologies?	17	55	21	3	3
7	How do you rate the scope of the syllabus leading to Higher Studies and job opportunities?	14	72	7	7	0
8	How do you rate the quality of teaching in the College and are the outcomes achieved by your ward?	14	72	14	0	0
9	Is the curriculum facilitated with value added courses, skill enhancement and certification courses based on your wards interest or requirement.	14	72	14	0	0
10	How do you rate the transparency of the evaluation system in the College?	17	69	7	7	0

# PARENTS FEEDBACK ANALYSIS (2023-2024)



ANALYSIS

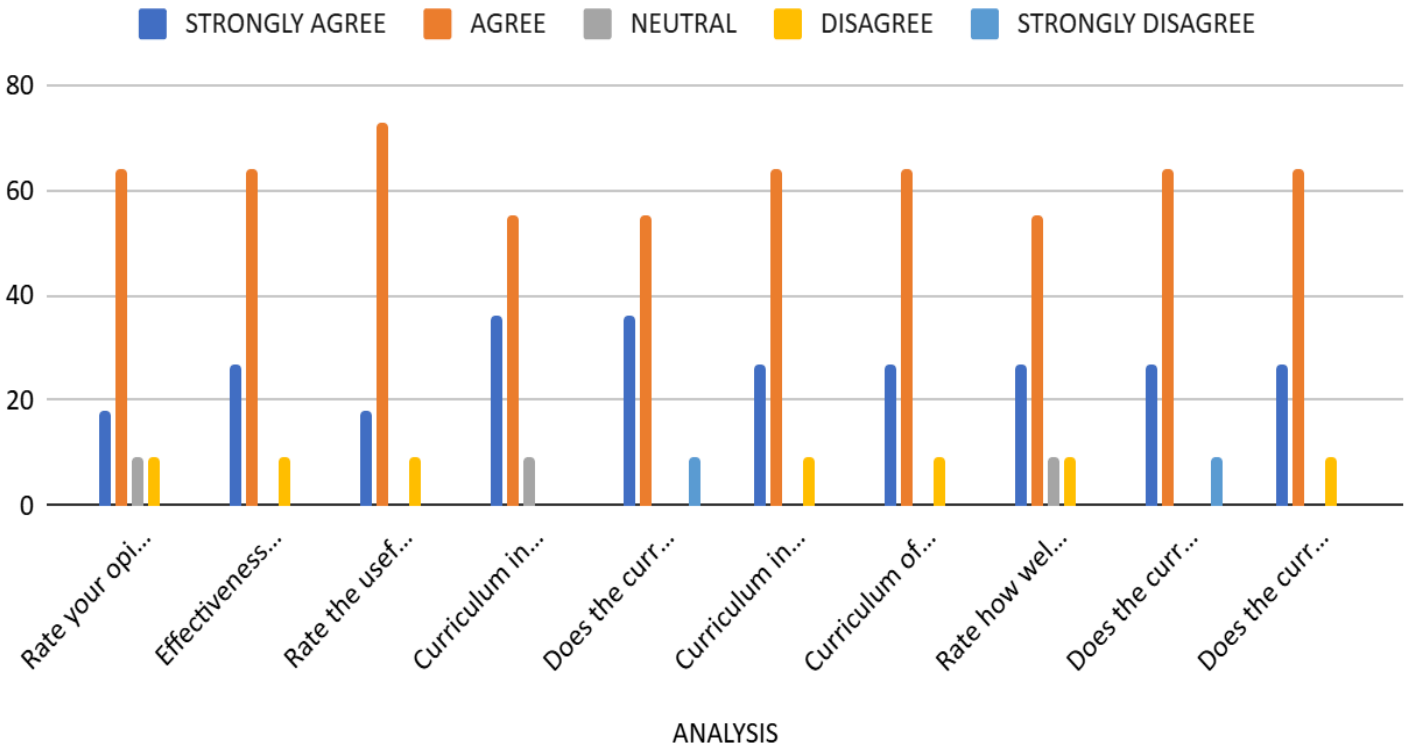
### EmployersFeedback:

Our employers are major stakeholders, feedback of who gives us input regarding enhancing the employability of our students. We have collected feedback from the employers where we ask the employers to comment on the curriculum. They felt that the curriculum enriches the knowledge on application of discipline subjects, principles and concepts. The curriculum is helpful to develop critical thinking ability and creativity.

### Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE (%)	AGREE (%)	NEUTRAL (%)	DISAGREE (%)	STRONGLY DISAGREE (%)
1	Rate your opinion on the courses offered by the institution meets the industry requirement	18	64	9	9	0
2	Effectiveness of Curriculum in developing analytical and problem-solving skills	27	64	0	9	0
3	Rate the usefulness of the curriculum's tools/activities/case studies for enriching graduates' intellectual skills	18	73	0	9	0
4	Curriculum includes human values and ethics.	36	55	9	0	0
5	Does the curriculum provides scope for acquiring employability and entrepreneurship skills	36	55	0	0	9
6	Curriculum includes project/in- plant training/field visit/industrial visits for real-life experiential Learning .	27	64	0	9	0
7	Curriculum offers electives/value-added courses/Skill enhancement courses	27	64	0	9	0
8	Rate how well our graduates can adjust to the demands of industry.	27	55	9	9	0
9	Does the curriculum place a strong emphasis on covering fundamentals and latest technology?	27	64	0	0	9
10	Does the curriculum promote the student's overall holistic development?	27	64	0	9	0

# EMPLOYER FEEDBACK ANALYSIS - (2023-2024)





### Alumni Feedback:

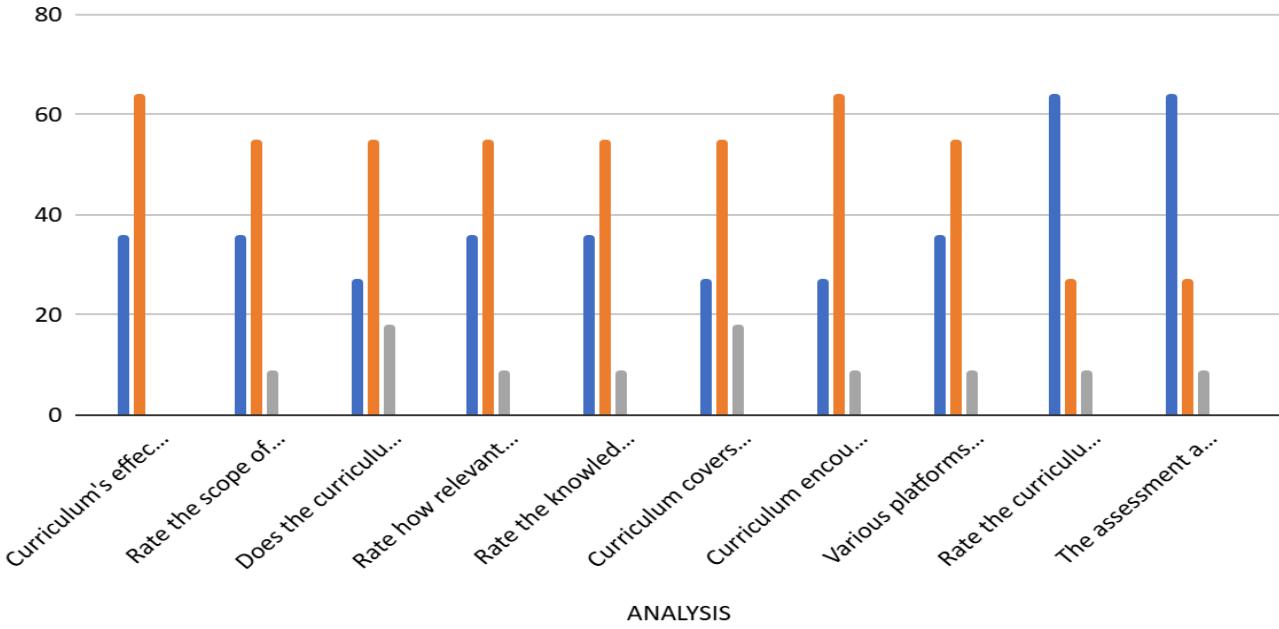
Our Alumni are also major stakeholders, feedback of whom gives us input regarding enhancing the curriculum and upskill the knowledge of our students. We have collected feedback from the alumni where some suggestions were given based on enriching the practical skills with respect to industry and arranging more industrial visits.

### Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE (%)	AGREE (%)	NEUTRAL (%)	DISAGREE (%)	STRONGLY DISAGREE (%)
1	Curriculum's effectiveness in developing analytical and problem-solving skills	36	64	0	0	0
2	Rate the scope of the curriculum in terms of improving entrepreneurship skills, lifelong learning, and human values and ethics.	36	55	9	0	0
3	Does the curriculum promotes the development of practical skills as required by the industry?	27	55	18	0	0
4	Rate how relevant/sufficient are the courses prescribed in the curriculum are meeting the industry requirements?	36	55	9	0	0
5	Rate the knowledge gained through project, internship certification and other skill development courses helped in gaining employability skills, communication skills and entrepreneur skills .	36	55	9	0	0
6	Curriculum covers latest technologies	27	55	18	0	0
7	Curriculum encourage the students to participate in extra-curricular, co-curricular activities and research projects	27	64	9	0	0
8	Various platforms and opportunities available by the Institution helped you to achieve your goals	36	55	9	0	0
9	Rate the curriculum's scope in terms of developing the following characteristics: creativity, leadership, innovation, self motivation, workplace ethics, and social responsibility.	64	27	9	0	0
10	The assessment and evaluation process is fair and unbiased	64	27	9	0	0

# ALUMNI FEEDBACK ANALYSIS - (2023-2024)

STRONGLY AGREE    AGREE    NEUTRAL    DISAGREE    STRONGLY DISAGREE





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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### FEEDBACK FROM STAKEHOLDERS 2023-2024

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2023-2024.

1. **Integration of "Learning by Doing" Courses:**

Action Taken: Courses emphasizing hands-on learning have been introduced into the curriculum to enable students to gain deeper knowledge through practical exposure. This approach focuses on problem-solving and critical thinking in real-world scenarios.

2. **Enhanced Hands-On Training in Programming:**

Action Taken: Programming labs and workshops have been revamped to provide extensive hands-on training. New modules have been introduced to strengthen students' understanding of programming concepts and their application in Electrical Engineering.

3. **Focus on Problem Identification in Electrical Engineering:**

Action Taken: Practical assignments and projects have been included in the syllabus to enhance the ability of students to identify and solve problems specific to Electrical Engineering.

4. **Increase in Value-Added Courses:**

Action Taken: The number of value-added courses has been increased, focusing on equipping students with skills in the latest technologies, including emerging fields like IoT, AI, and renewable energy systems.

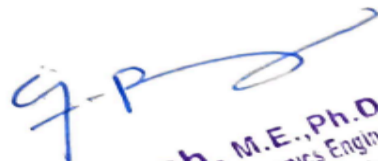
5. **Implementation of Skill-Based Certification Courses:**

Action Taken: Collaboration with certification bodies has been established to introduce industry-recognized skill-based certification programs, ensuring students acquire relevant and marketable skills.

6. **Boosting Exposure Through Field Internships and Industrial Visits:**

Action Taken: Partnerships with core industries have been strengthened to provide more opportunities for field internships and industrial visits. These initiatives aim to bridge the gap between academic knowledge and industrial requirements.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.

  
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## DEPARTMENT OF MECHANICAL ENGINEERING FEEDBACK FROM STAKEHOLDERS 2023-2024

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2023-2024.

### 1. Increase in Value-Added Courses:

**Action Taken:** A comprehensive range of value-added courses has been introduced to equip students with skills in cutting-edge technologies such as Artificial Intelligence, Machine Learning, IoT, and Industry 4.0 practices. Regular feedback from industry experts has been incorporated to ensure relevance to market demands.

### 2. Implementation of Competition-Based Learning:

**Action Taken:** Competition-based learning methods, such as hackathons, coding contests, and project-based challenges, have been integrated into the academic framework to foster innovation, teamwork, and problem-solving skills among students.

### 3. Integration of Latest Technologies in Lab Courses:

**Action Taken:** Lab infrastructure has been upgraded to include state-of-the-art tools and technologies, such as advanced simulation software, automation systems, and real-time hardware. These enhancements align lab courses with modern industry practices.

### 4. Skill-Based Certification Courses:

**Action Taken:** Collaboration with certification providers has enabled the introduction of skill-based certification programs. Students can now earn certifications in areas like Python Programming, MATLAB, Embedded Systems, and Cloud Computing, boosting their employability.

### 5. Increased Exposure to Field Internships and Industrial Visits:


**Action Taken:** A higher number of internships and industrial visits have been facilitated in collaboration with reputed organizations. These

opportunities provide students with hands-on exposure to real-world projects and insights into emerging technological trends.

**6. Industry-Led Courses to Bridge the Gap:**

**Action Taken:** Partnerships with leading companies have been established to conduct industry-led courses. These courses are co-designed with industry experts to align with the current job market requirements and technological advancements, ensuring students are job-ready upon graduation.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.



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## DEPARTMENT OF INFORMATION TECHNOLOGY

### FEEDBACK FROM STAKEHOLDERS 2023-24

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2023-2024.

#### 1. **Increase in Value-Added Courses to Improve Skillsets in Latest Technologies:**

**Action Taken:** A series of new value-added courses have been introduced, focusing on advanced technologies such as Artificial Intelligence, Data Analytics, Blockchain, and IoT. Regular expert sessions and workshops are conducted to enhance learning outcomes and ensure alignment with industry needs.

#### 2. **Modernization of Lab Courses:**

**Action Taken:** Labs have been upgraded with state-of-the-art equipment and software tools to provide students with hands-on experience in modern technologies. Advanced hardware, simulation tools, and real-time systems have been integrated to improve practical learning outcomes.

#### 3. **Skill-Based Certification Courses:**

**Action Taken:** Skill-based certification programs have been launched in collaboration with reputed organizations. Students can now earn certifications in areas such as Python Programming, Advanced Excel, Data Visualization, and Embedded Systems, enhancing their technical proficiency and employability.

#### 4. **Increased Exposure to Field Internships and Industrial Visits:**

**Action Taken:** Partnerships with industries have been strengthened to offer more field internships and industrial visits. These opportunities are aligned with ongoing technological advancements and potential job

opportunities, providing students with real-world insights and hands-on experience.

5. **Encouraging Innovation Through Activities:**

**Action Taken:** Various innovation-driven activities, such as idea pitching contests, hackathons, prototype development workshops, and innovation clubs, have been organized to nurture students' creativity and problem-solving abilities. These initiatives aim to foster a culture of innovation and entrepreneurship.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.



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## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE FEEDBACK FROM STAKEHOLDERS 2023-24

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2023-2024.

### 1. **Motivating Students to Do Internships:**

**Action Taken:** Internship opportunities have been expanded through collaborations with industries and organizations. Internship drives and awareness sessions have been conducted to encourage students to actively participate and gain hands-on experience in their fields of interest.

### 2. **Offering More Value-Added Courses for Career Development:**

**Action Taken:** Additional value-added courses have been introduced, focusing on emerging technologies like Artificial Intelligence, Data Science, and IoT. These courses are designed to enhance students' technical and soft skills for better career prospects.

### 3. **Providing Hands-On Training on Tools:**

**Action Taken:** Workshops and training sessions on industry-relevant tools and software have been organized, such as MATLAB, AutoCAD, Python, and Cloud Computing platforms. These sessions ensure students gain practical proficiency.

### 4. **Encouraging Participation in Hackathons and Competitions:**

**Action Taken:** Students have been motivated to participate in national and international hackathons and competitions. Dedicated mentoring sessions and preparatory workshops are conducted to improve their performance and innovative thinking.

5. **Arranging Industrial Visits:**

**Action Taken:** Industrial visits to prominent companies and manufacturing units have been arranged to provide students with exposure to industrial processes and engineering practices. These visits align academic learning with real-world applications.

6. **Encouraging Mini Projects and Patents:**

**Action Taken:** Students are guided to undertake mini projects that address real-world problems and showcase innovation. Faculty mentors assist students in refining their ideas and converting novel concepts into patentable products.

7. **Focusing on Product Development and Applications:**

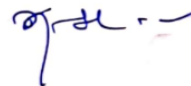
**Action Taken:** Product development initiatives have been promoted through project-based learning modules and innovation clubs. Resources such as prototyping labs and funding for promising projects have been made available to students.

8. **Organizing Seminars and Workshops on New Technologies:**

**Action Taken:** Regular seminars and workshops on emerging technologies, such as Blockchain, Machine Learning, and Renewable Energy Systems, have been organized. Industry experts and academic leaders are invited to share insights and enhance students' knowledge base.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.

HOD



**Dr. S.U. SUGANTHI**  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### FEEDBACK FROM STAKEHOLDERS 2023-2024.

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2023-2024.

#### 1. Increase in Value-Added Courses to Improve Skill Sets in Latest Technologies:

**Action Taken:** Additional value-added courses have been introduced in areas such as Artificial Intelligence, Cloud Computing, and Cybersecurity. These courses are designed in consultation with industry experts to ensure students are equipped with the latest technological skills.

#### 2. Modernizing Lab Courses and Incorporating Software Subjects:

**Action Taken:** Laboratories have been upgraded with advanced equipment and software tools to enhance practical learning. Software-focused subjects, such as Data Visualization, Big Data Analytics, and Advanced Programming, have been integrated into the curriculum.

#### 3. Emphasis on Skill-Based Certification Courses:

**Action Taken:** Skill-based certification programs, including certifications in Python, R Programming, AutoCAD, and AWS, have been introduced. Collaborations with professional certification providers ensure global recognition of these programs.

#### 4. Increasing Exposure Through Field Internships and Industrial Visits:

**Action Taken:** Partnerships with core industries have been strengthened to offer a greater number of internships and industrial visits. These

initiatives provide students with insights into industry practices, aligning their academic knowledge with job market expectations.

**5. Special Bootcamps and Promoting Research Culture at the UG Level:**

**Action Taken:** Bootcamps on cutting-edge topics such as Machine Learning, IoT, and Renewable Energy have been organized. Additionally, undergraduate students are encouraged to engage in research projects with faculty mentors, promoting a culture of innovation and inquiry.

**6. Addressing the Skill Gap Through Hands-On Training by Eminent Experts:**

**Action Taken:** Workshops and hands-on training sessions led by industry experts have been conducted on topics such as Robotics, 3D Printing, and Sustainable Engineering. These sessions aim to bridge the gap between academic learning and industrial requirements.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.



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## DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

### FEEDBACK FROM STAKEHOLDERS 2023-24

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2023-2024.

#### 1. **Providing More Value-Added Courses for Students' Benefit:**

**Action Taken:** Several new value-added courses have been introduced, focusing on cutting-edge areas like Artificial Intelligence, Data Science, IoT, and Blockchain. These courses aim to enhance students' technical knowledge and align their skills with current industry demands.

#### 2. **Arranging More Industrial Visits:**

**Action Taken:** The department has collaborated with various industries to organize frequent industrial visits. These visits provide students with direct exposure to industrial processes, operations, and requirements, helping them understand real-world applications of their academic knowledge.

#### 3. **Organizing Hands-On Sessions and Workshops on Modern Tools:**

**Action Taken:** Regular workshops and hands-on sessions have been conducted to train students in modern tools and technologies. Topics covered include advanced programming platforms, simulation tools, and software used in industrial settings.

#### 4. **Conducting Intra and Inter-College Competitions:**

**Action Taken:** The department has organized numerous intra and inter-college competitions, such as technical quizzes, paper presentations, and coding contests. These events encourage knowledge exchange, peer learning, and skill development among students.

#### 5. **Motivating Students to Participate in Hackathons:**

**Action Taken:** Students have been actively encouraged to participate in

local, national, and international hackathons. Special training sessions and mentorship programs have been arranged to prepare them for these events, fostering innovation and teamwork.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.

  
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## ACTION TAKEN REPORT

### 2023-2024

## Stakeholders' Feedback and Action Taken Report

### 1. Syllabus Revision Based on Stakeholders' Comments:

**Action Taken:** The syllabus has been thoroughly revised to include contemporary topics and meet industry standards. Additional inputs and ideas relevant to current industry requirements have been incorporated, with an emphasis on hands-on training and practical project work.

### 2. Value-Added Courses and Certification Programs:

**Action Taken:** Several value-added courses have been introduced, including Oracle, Red Hat, AWS, Robotic Process Automation (RPA), Salesforce, CISCO Packet Tracer, VMWare, Tessolve, and Spoken Tutorial. Certification programs have been actively promoted to enhance students' skillsets and employability.

### 3. Lab-Oriented Courses Added to the Syllabus:

**Action Taken:** Advanced lab-oriented courses focusing on cutting-edge technologies have been introduced, including:

- **Statistical Analysis with R-Programming**
- **Data Science with Machine Learning**
- **Fundamentals of Blockchain Technology**

Specialized labs have been established for areas like Big Data Analytics, Embedded Systems with IoT, Antennas, Robotics and Automation, and Artificial Intelligence.

### 4. NPTEL Online Courses with Credit Transfer:

**Action Taken:** Students are encouraged to enroll in NPTEL online courses, with the provision for credit transfer to their academic curriculum.

### 5. Sairam Ecosystem Portal:

**Action Taken:** The Sairam Ecosystem Portal has been launched to facilitate commercialization of student projects from ideation to

implementation. Initiatives such as **Solvathon**, **Innovathon**, **Inspirathon**, and **Project Expo** support innovation and entrepreneurship.

6. **Specialized Innovation Activities:**

**Action Taken:** Innovation and skill enhancement programs have been organized, including:

- Immersion Programs
- Bootcamps
- Hackathons
- Awarding Honors Degrees to students earning additional 18 credits through NPTEL certification courses

7. **State Institute of Rural Development (SIRD) Programs:**

**Action Taken:** SIRD programs have been conducted to help students and staff understand rural culture, identify societal problems, and propose innovative solutions.

8. **Encouragement of Professional Memberships:**

**Action Taken:** Memberships in professional bodies like IEEE are actively encouraged for both students and staff to promote networking and professional development.

9. **Mega Entrepreneurship Program:**

**Action Taken:** A Mega Entrepreneurship Program was organized to nurture entrepreneurial skills and mindset among students.


10. **Sairam Artificial Intelligence Learning Platform:**

**Action Taken:** An AI-based learning platform has been implemented to provide students with in-depth knowledge and practical expertise across various subjects.

11. **IPR Mela:**

**Action Taken:** An Intellectual Property Rights (IPR) mela was conducted to encourage students to present innovative product ideas and guide them toward commercialization.



  
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