



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Action Taken Report on B. Tech ECE Program R19 & R21 Feedback

Implemented in R22 introduced in the AY 2022-23

Action taken based on the suggestion from the students:

- Q1. Course Contents of Curriculum are in tune with the Program Outcomes
- Q2. Course Contents are designed to enable Problem Solving Skills and Core competencies
- Q3. Courses placed in the curriculum serves the needs of both advanced and slow learners
- Q4. Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
- Q5. The electives offered in relation to the Technological advancements in ECE and allied fields.
- Q6. The design of courses in the Curriculum is considered the extra learning or self learning.
- Q7. Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable
- Q8. Laboratory sessions are sufficient to improve the technical skills of students
- Q9. Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students.

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg Rating	Grade
Q1	48.2	22.6	14.5	7.1	4.9	3.94	Very Good
Q2	46.9	23.6	16	5.7	5.2	3.935	Very Good
Q3	48.9	20.9	15.2	4.7	7.6	3.907	Very Good
Q4	50.1	20.4	15.7	6.1	4.9	3.963	Very Good
Q5	51.4	23.1	13	5.2	4.7	4.035	Excellent
Q6	50.4	22.4	15.2	4.7	4.7	4.013	Excellent
Q7	50.4	23.8	14.3	3.9	4.9	4.028	Excellent

Q8	52.1	19.7	14.5	5.9	5.2	3.998	Very Good
Q9	49.9	23.8	12.8	5.4	5.4	3.993	Very Good

Itemized responses for the students suggestions:

Suggestion: It would be better if we more focus on the lab with some logical questions.

Action Taken: In R22 a student is supplied with a module bank, which consists of thought-provoking questions. After solving them a student will be through in practical aspects in the given course.

Suggestion: Provide more hours for library can make the students to learn more

Action Taken: In R22 student contact hours are reduced significantly and more time is allocated for self-learning.

Suggestion: More time to do in the way of practical way to get technical knowledge of a student.

Action Taken: In R22 after solving module bank a student has to demonstrate/simulate the given question thereby student gets enough practical knowledge.

Action taken based on the suggestion from the Faculty:

- Q1. Course Contents of Curriculum in tune with the Program Outcomes
- Q2. The depth of the course content is adequate to have significant learning outcomes.
- Q3. Curriculum is sufficient to bridge the gap between industry standards / current global scenarios and academics
- Q4. The practicals enable to develop experimental, design, problem solving and analysis skills of the students.
- Q5. The timely coverage of syllabus is possible in the mentioned number of hours.
- Q6. The Curriculum providing opportunity towards Self learning to realize the expectations
- Q7. Rate the capability of the curriculum for improving ethical values in students
- Q8. The number of theoretical courses and laboratory sessions sufficient to improve the technical skills of students
- Q9. Electives enable the passion to learn new technologies in emerging area

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg Rating	Grade
Q1	83.9	12.9	0	0	0	4.711	Excellent

Q2	71	19.4	3.2	0	3.2	4.454	Excellent
Q3	61.3	25.8	6.5	3.2	0	4.356	Excellent
Q4	77.4	12.9	6.5	0	0	4.581	Excellent
Q5	80.6	12.9	3.2	0	0	4.642	Excellent
Q6	80.6	9.7	6.5	0	0	4.613	Excellent
Q7	64.5	22.6	6.5	0	3.2	4.356	Excellent
Q8	74.2	19.4	3.2	0	0	4.582	Excellent
Q9	80.6	9.7	3.2	0	3.2	4.546	Excellent

Itemized responses for the faculty suggestions

Suggestion: Can implement most of the points of NEP2020 for the new regulation like multiple entry and multiple exit, continuous assessment

Action Taken: In R22 curriculum such multiple entry and multiple exit option was incorporated

Suggestion: Lab facility may be improved

Action Taken: All the lab facilities are upgraded in terms of quantity and quality. In addition, lab operating hours are extended and a student can use till 7:30PM.

Action taken based on the suggestion from the Alumni:

- Q1. Curriculum has paved a good foundation in understanding the basic engineering concepts
- Q2. Course Contents of Curriculum are in tune with the Program Outcomes
- Q3. Curriculum imparted all the required Job Oriented Skills
- Q4. The offering of the electives in relation to the Technological advancements and serve the needed in the industry
- Q5. Tools and Technologies learnt during laboratory sessions has enriched the skills
- Q6. Ability to compete with your peers from other Universities
- Q7. The curriculum relevant to job and future aspirations

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg Rating	Grade
Q1	98	0	0	0	0	4.9	Excellent

Q2	98	0	0	0	0	4.9	Excellent
Q3	98	0	0	0	0	4.9	Excellent
Q4	97	1	0	0	0	4.89	Excellent
Q5	97	1	0	0	0	4.89	Excellent
Q6	97	1	0	0	0	4.89	Excellent
Q7	97	1	0	0	0	4.89	Excellent

Itemized responses for the Alumni suggestions

Suggestion: Reduction in the number of credits may be preferable.

Action Taken: In R22 number of credits reduced to 161, thereby student can acquire additional knowledge from other sources.

Action taken based on the suggestion from the Employer:

- Q1. Course Contents of Curriculum are in tune with the Program Outcomes
- Q2. Curriculum helps in bridging gap between industry and academic institution.
- Q3. Applicability of the domains and the tools used for designing the experiments in terms of existing practices in the Electronics, communication and related Industries.
- Q4. Professional and Open Electives are in relation to the Technological advancements and fulfilling the needs of Electronics, Communication and allied industries.
- Q5. Curriculum develops skills to model and analyze the ECE and allied industrial issues.

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	100	0	0	0	0	5	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	100	0	0	0	0	5	Excellent

Q5	100	0	0	0	0	5	Excellent
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Itemized responses for the Employer suggestions

NA


Action taken based on the suggestion from the Parents:

- Q1. Your ward is sensitized towards issues like gender equality, environment and sustainability, ethics and values etc., through relevant courses in the curriculum
- Q2. The academic flexibility embedded in the curriculum provides opportunities to students to pursue their interest by choosing from a vast number of pathways / electives from own area/specialization as well as from other areas.
- Q3. Competency of your ward is on par with the students from other Universities/Institutes.
- Q4. The curriculum has been designed to make your ward industry ready by imparting analytical and reasoning, language and soft skills in addition to technical competencies, as desired by the electrical and allied industries.
- Q5. Course Curriculum is of the global standard and is in tune with the needs of ECE and allied industries.

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg Rating	Grade
Q1	50	50	0	0	0	4.5	Excellent
Q2	50	50	0	0	0	4.5	Excellent
Q3	50	50	0	0	0	4.5	Excellent
Q4	50	0	50	0	0	4	Excellent
Q5	0	50	50	0	0	3.5	Very Good

Itemized responses for the Parents suggestions

NA


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