DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Action Taken Report on B. Tech EEE Program R 19 & R 21 Feedback
Implemented in R22 introduced in the AY 2022 – 23

Action taken based on the suggestions from 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 Electrical 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

Analysis of Overall Feedback given by the Students on R 21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	72.7	9.1	18.2	0	0	4.545	**Excellent**
Q2	63.6	18.2	18.2	0	0	4.454	**Excellent**
Q3	72.7	0	18.2	9.1	0	4.363	**Excellent**
Q4	72.7	9.1	9.1	9.1	0	4.454	**Excellent**
Q5	81.8	18.2	0	0	0	4.818	**Excellent**
Q6	72.7	9.1	9.1	9.1	0	4.454	**Excellent**
Q7	72.7	9.1	9.1	9.1	0	4.454	**Excellent**
Q8	81.8	9.1	9.1	0	0	4.727	**Excellent**
Q9	72.7	18.2	0	9.1	0	4.545	**Excellent**

Itemized responses given to the Suggestions of Students

- **Suggestion**: Introduce project based on software skills
  Action Taken: Introduced basic coding competency courses.
  Suggestion: Introduce project based on software skills
  Action Taken: Mini project is introduced related to software skills.

Action taken based on the suggestions from 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

Analysis of Overall Feedback given by the Alumni on R 21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	96.6	0	0	0	0	4.83	**Excellent**
Q2	96.6	0	0	0	0	4.83	**Excellent**
Q3	93.1	3.4	0	0	0	4.791	**Excellent**
Q4	96.6	0	0	0	0	4.83	**Excellent**
Q5	96.6	0	0	0	0	4.83	**Excellent**
Q6	96.6	0	0	0	0	4.83	**Excellent**
Q7	93.1	3.4	0	0	0	4.791	**Excellent**

Itemized responses given to the suggestions of Alumni

- **Suggestion**: More number of software courses in open electives

Action Taken: OOPS through JAVA is introduced in curriculum as open elective course, Data structures course is offered as a regular course in II year and MATLAB will be learn from laboratory experiments in power electronic devices and circuits and power systems courses.
Suggestion: Weightage for internal marks can be increased.
Action Taken: Weightage for internal is increased from 40 to 60 marks

Action taken based on the suggestions from 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 practical's 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

Analysis of Overall Feedback given by the Faculty on R 21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	92.3	7.7	0	0	0	4.923	Excellent
Q3	76.9	23.1	0	0	0	4.769	Excellent
Q4	92.3	7.7	0	0	0	4.923	Excellent
Q5	100	0	0	0	0	5	Excellent
Q6	92.3	0	7.7	0	0	4.846	Excellent
Q7	100	0	0	0	0	5	Excellent
Q8	92.3	7.7	0	0	0	4.923	Excellent
Q9	76.9	15.4	7.7	0	0	4.692	Excellent

Itemized responses given to the suggestions of Faculty

Suggestion: Provide research oriented Honors specialization
Action Taken: Provided some courses as research orientation like electric vehicles.
Suggestion: Introduce more courses in the areas such as.. Electric Vehicles, sensors and transducers, Smart Grid
Action Taken: Introduced some courses on Electric Vehicles and smart grids.

Action taken based on the suggestions from Employers:

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 Electrical and Electronics Industry.

Q4. Professional and Open Electives are in relation to the Technological advancements and fulfilling the needs of electrical and allied industries.

Q5. Curriculum develops skills to model and analyze the electrical and allied industrial issues.

Analysis of Overall Feedback given by the Employers on R 21

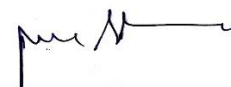| Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	100	0	0	0	0	5	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	100	0	0	0	0	5	Excellent
Q5	100	0	0	0	0	5	Excellent

Itemized responses given to the suggestions of Employers

Suggestion: More emphasis should be given to computer programing.
Action Taken: Introduced C Programming for Problem Solving – I, C Programming for Problem Solving – II, Data Structures and Programming with Python courses in new curriculum to improve programming skills CSE/IT related open elective courses.

Suggestion: Add Machine learning basics as core course
Action Taken: Courses related to machine learning are Soft computing Techniques, Statistics & Data Analytics, Deep Learning, Reinforcement Learning and Machine Learning introduced to get exposure on machine learning.

HoD, EEE