



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Action Taken Report on M. Tech, PED Program R 17 Feedback
Implemented in R20 introduced in the AY 2020 - 21

Action taken based on the suggestions from Students:

- Q1. Course Contents of Curriculum are in tune with the Program Outcomes.
- Q2. Course Contents designed offered enriches Core Competencies
- Q3. Courses offered in the curriculum serves the needs of Electrical and Allied Industries
- Q4. Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
- Q5. Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas
- Q6. Curriculum providing enable towards self-learning
- Q7. No. of Laboratory sessions and Theory Courses have been sufficient to improve the technical and research skills..
- Q8. Research Projects improved the technical competency and leadership skills
- Q9. Tools and technologies described in the curriculum are enough to design and develop new applications.

Analysis of Overall Feedback given by the Students on R 17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	22.2	77.8	0	0	0	4.222	Excellent
Q2	14.8	85.2	0	0	0	4.148	Excellent
Q3	7.4	92.6	0	0	0	4.074	Excellent
Q4	22.2	77.8	0	0	0	4.222	Excellent
Q5	7.4	92.6	0	0	0	4.074	Excellent
Q6	7.4	92.6	0	0	0	4.074	Excellent
Q7	7.4	92.6	0	0	0	4.074	Excellent
Q8	0	100	0	0	0	4	Excellent
Q9	0	100	0	0	0	4	Excellent

Itemized responses given to the Suggestions of Students

- **Suggestion:** Add artificial intelligence related subjects into the curriculum
Action Taken: Artificial Intelligent Systems course have been introduced in R20 curriculum.
- **Suggestion:** Improve the project based learning in the curriculum
- **Action Taken:** Introduced Mini projects in Semester-I and Semester-II along with major project.

Action taken based on the suggestions from Alumni:

- Q1. Curriculum has paved a good foundation in understanding the concepts
- Q2. Course Contents of Curriculum fulfilled the specified Program Outcomes
- Q3. Curriculum imparted all the required Job Oriented Skills / prerequisite to pursue higher education

- Q4. Electives of Curriculum served the technical advancements needed to serve in the industry
- Q5. Tools and Methodologies followed during practical sessions has enriched the required practical knowledge to serve in Industry
- Q6. Competency with your peers from other Institutions
- Q7. Current curriculum meets the present industry demands

Analysis of Overall Feedback given by the Alumni on R 17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	0	75	25	0	0	3.75	Very Good
Q2	33.3	25	41.7	0	0	3.916	Very Good
Q3	25	58.3	16.7	0	0	4.083	Excellent
Q4	66.7	0	33.3	0	0	4.334	Excellent
Q5	33.3	41.7	25	0	0	4.083	Excellent
Q6	25	33.3	41.7	0	0	3.833	Very Good
Q7	33.3	41.7	25	0	0	4.083	Excellent

Itemized responses given to the suggestions of Alumni

- **Suggestion:** Electric Vehicles course to be introduced

Action Taken: Introduced Electric Vehicles course as an elective.

- **Suggestion:** add advances courses with real time expose

Action Taken: Introduced Digital Control of Power Electronics, SMPS based converters courses which are related to real time exposers.

Action taken based on the suggestions from Faculty:

- Q1. Curriculum designed is in tune with program Vision and Mission
- Q2. Contents of the curriculum enhances the core competencies and employability skills
- Q3. Allocation of Credits to the Courses Satisfiable
- Q4. Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
- Q5. Electives offered in the program makes the faculty to explore latest technologies
- Q6. Curriculum providing opportunity towards self-learning to meet the expectations
- Q7. Number of theoretical courses and laboratory sessions sufficient to improve the technical and research skills of students
- Q8. Courses with 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 Faculty on R 17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	55.6	35.6	8.9	0	0	4.471	Excellent
Q2	48.9	48.9	2.2	0	0	4.467	Excellent
Q3	51.1	48.9	0	0	0	4.511	Excellent
Q4	46.7	33.3	20	0	0	4.267	Excellent
Q5	64.4	33.3	2.2	0	0	4.618	Excellent
Q6	46.7	37.8	15.6	0	0	4.315	Excellent
Q7	51.1	35.6	13.3	0	0	4.378	Excellent
Q8	48.9	51.1	0	0	0	4.489	Excellent
Q9	46.7	35.6	15.6	2.2	0	4.271	Excellent

Itemized responses given to the suggestions of Faculty

- Suggestion:** introduce Technical seminars with the enhanced practical sessions
Action Taken: Suggestion has been honored and included the seminar course.
Suggestion: Offer some courses on online platform which promote self-learning
Action Taken: Students have been given with the opportunity to do some courses through nptel.

Action taken based on the suggestions from Employers:

- Q1.Course Contents of M.Tech Power Electronics and Drives Curriculum is in tune with the Program Outcomes
- Q2.Relevance of the Course Contents in tune with the Power Electronics Industry Demands
- Q3.Elective are in-line with the technology advancements in Modelling and Design Sectors
- Q4.Applicability of the tools and technologies described in the curriculum will be enough to practice in Industry
- Q5.Applicability of the domains and the tools used for designing the experiments in terms of existing practices in the Electrical and Electronics Industry

Analysis of Overall Feedback given by the Employers on R 17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	76.2	19	4.8	0	0	4.714	Excellent
Q2	66.7	33.3	0	0	0	4.667	Excellent
Q3	52.4	47.6	0	0	0	4.524	Excellent
Q4	52.4	42.9	4.8	0	0	4.48	Excellent
Q5	61.9	28.6	9.5	0	0	4.524	Excellent

Itemized responses given to the suggestions of Employers

- Suggestion:** concentrate on energy saving methods.
Action Taken: Energy Audit, Conservation and Management course is introduced in R20 curriculum.

Suggestion: introduce application oriented courses in the curriculum

Action Taken: To honor this suggestion, Mini Projects and Societal Centric projects are included.

Action taken based on the suggestions from Parents:

1. Curriculum enhances the intellectual aptitude of your ward
2. Satisfaction with the offered curriculum for your wards future endeavors
3. Overall assessment of technical knowledge acquired by your ward who is pursuing his/her program in our University
4. Your ward's competency with the students from other Institutes
5. Curriculum offered is in tune with current Industry needs

Analysis of Overall Feedback given by the Parents on R 17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	35	50	15	0	0	4.2	Very Good
Q2	35	50	15	0	0	4.2	Excellent
Q3	30	55	15	0	0	4.15	Excellent
Q4	45	35	20	0	0	4.25	Excellent
Q5	35	45	20	0	0	4.15	Excellent

Itemized responses given to the suggestions of Parents

- **Suggestion:** add employability courses

Action Taken: Employability orientation program, Mini Projects, Societal Centric Projects, Internship and employable courses are meant to improve the employability opportunities of the students.

- **Suggestion:** Needs more improvement to add industry oriented courses

Action Taken: Introduced Analysis of inverters, SMPS based converters, Digital Control of power electronics and processor applications in electrical engineering courses related to power electronics industry.

HoD, EEE