

**SCHOOL OF ELECTRICAL & COMMUNICATION
DEPARTMENT OF ECE**

FEEDBACK ANALYSIS FROM STAKEHOLDERS' FEEDBACK

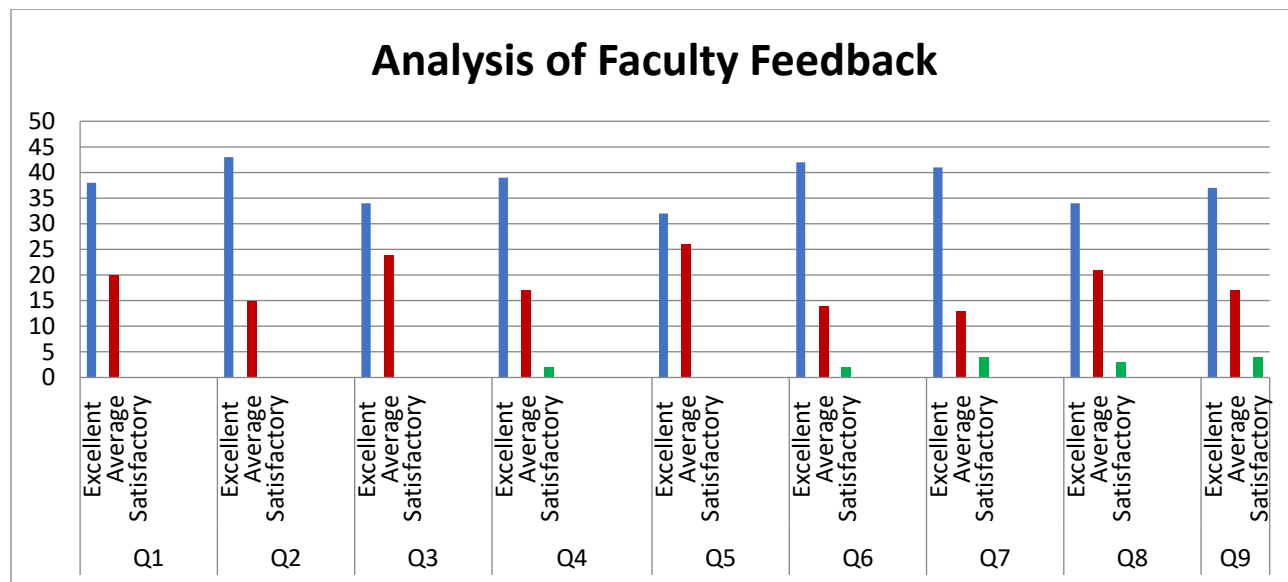
ACADEMIC YEAR 2020-21

ANALYSIS OF FACULTY FEEDBACK 2020-21

B.Tech. – ECE

PARAMETERS

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
2. Are all the prescribed text and reference books of the course available in our library?
3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
5. Freedom in accessing appropriate teaching aids for delivering the course
6. Classroom ambiance for students' learning
7. Accessibility of e-learning resources for the students
8. Have you attended any faculty development programme for this course?
9. Effectiveness of continuous assessments with respect to measurement of course outcomes



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Criteria	Excellent	Average	Satisfactory
Are the syllabus contents of the course adequate to attain all the course outcomes?	38	20	0
Are all the prescribed text and reference books of the course available in our library?	43	15	0
Adequateness of the total number of periods allotted to complete the delivery of the course contents	34	24	0
Extent of pre-requisite knowledge of students with respect to learning of this course contents	39	17	2
Freedom in accessing appropriate teaching aids for delivering the course	32	26	0
Classroom ambience for students' learning	42	14	2
Accessibility of e-learning resources for the students	41	13	4
Have you attended any faculty development programme for this course?	34	21	3
Effectiveness of continuous assessments with respect to measurement of course outcomes	37	17	4

Observation

From the faculty feedback it is observed that 66% of faculty feel that the course content is adequate to attain all course outcomes.

Suggestions for further improvement from faculty feedback

1. Adequate Number of Hours Needs to be given for Tutorial Based Courses.
2. Faculty Development Programs can be conducted.
3. E learning Aids Can be Improved.



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ANALYSIS OF ALUMNI FEEDBACK 2020-21

B.Tech. – ECE

PARAMETERS

Feedback on Curriculum

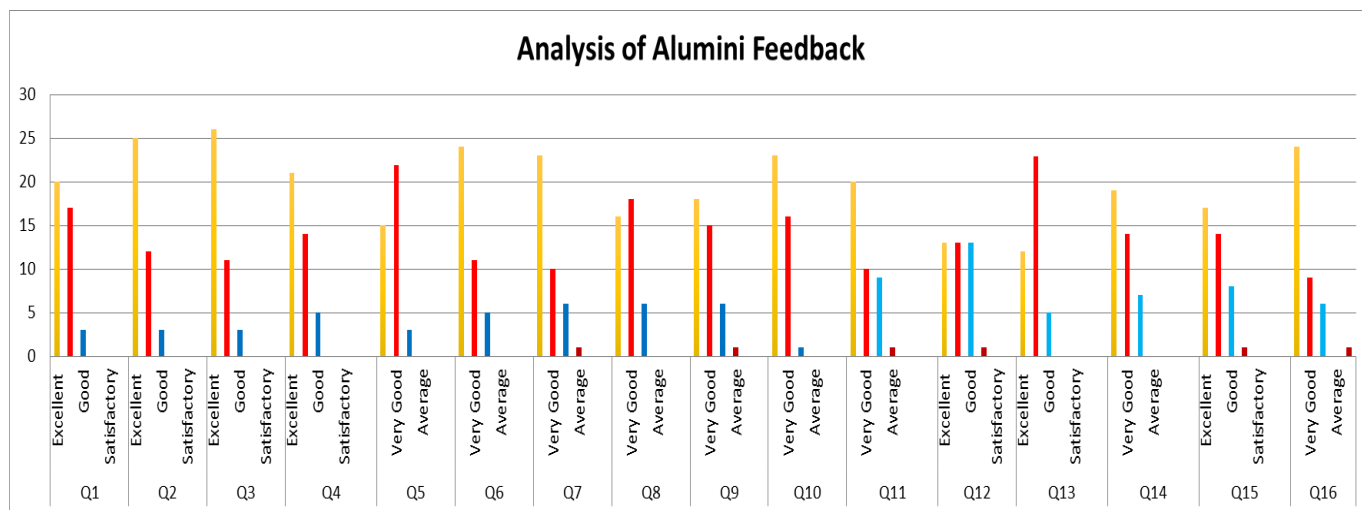
5-Excellent; 4-Very Good; 3-Good; 2-Average; 1-Satisfactory

S.No.	Particulars
1	Program of study aids in my career/Higher studies.
2	Engineering Knowledge Able to apply knowledge of mathematics, science and engineering in solving complex engineering problems.
3	Problem Analysis Able to identify, formulate, and analyze engineering problems.
4	Design/Development of solutions Able to design solutions and develop systems for societal problems.
5	Conduct investigations of complex problems Able to conduct investigations and provide valid conclusions based on theoretical and practical knowledge acquired.
6	Modern Tool Usage Able to use modern engineering equipment, software, tools or technology for design and development of engineering systems.
7	The Engineer and Society Able to apply reasoning, based on the contextual knowledge to assess societal issues.
8	Environment and sustainability Able to understand the impact of the professional engineering solutions in societal and environmental contexts for sustainable development.
9	Ethics Able to apply ethical principles in engineering practice and profession.
10	Individual and team work Able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
11	Communication Able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
12	Project management and finance Able to apply engineering and management principles in work.
13	Life Long Learning Able to engage in independent and life long learning.



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14	Able to solve the real world/societal problems by considering CDIO framework
15	Able to develop an electronic system for smart living using embedded programming.
16	Curriculum is on par with industrial requirement.



Criteria	Excellent	Very Good	Good	Average	Satisfactory
Program of study aids in my career/Higher studies.	20	17	3	0	0
Engineering Knowledge Able to apply knowledge of mathematics, science and engineering in solving complex engineering problems.	25	12	3	0	0
Problem Analysis Able to identify, formulate, and analyze engineering problems.	26	11	3	0	0
Design/Development of solutions Able to design solutions and develop systems for societal problems.	21	14	5	0	0
Conduct investigations of complex problems Able to conduct investigations and provide valid conclusions based on theoretical and practical knowledge acquired.	15	22	3	0	0



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Modern Tool Usage Able to use modern engineering equipment, software, tools or technology for design and development of engineering systems.	24	11	5	0	0
The Engineer and Society Able to apply reasoning, based on the contextual knowledge to assess societal issues.	23	10	6	1	0
Environment and sustainability Able to understand the impact of the professional engineering solutions in societal and environmental contexts for sustainable development.	16	18	6	0	0
Ethics Able to apply ethical principles in engineering practice and profession.	18	15	6	1	0
Individual and team work Able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	23	16	1	0	0
Communication Able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	20	10	9	1	0
Project management and finance Able to apply engineering and management principles in work.	13	13	13	1	0
Life Long Learning Able to engage in independent and life long learning.	12	23	5	0	0
Able to solve the real world/societal problems by considering CDIO framework	19	14	7	0	0
Able to develop an electronic system for smart living using embedded programming.	17	14	8	1	0
Curriculum is on par with industrial requirement.	24	9	6	0	1

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Observation

Based on Alumni feedback, new courses on skill development could be given. Course on Machine Learning, Python Programming, Embedded System Design, Sensors and Transducers could be offered as core courses.

Suggestions for Further Improvement

1. Elective courses to be updated.
2. More ALM can be conducted.
3. Lab based courses can be offered.

ANALYSIS OF STUDENT FEEDBACK 2020-21

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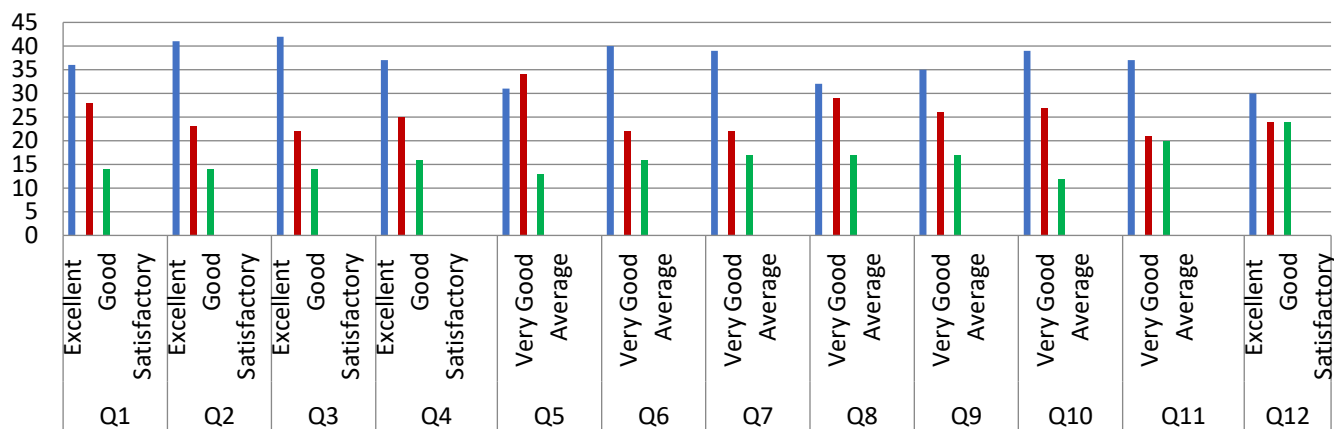
PARAMETERS

1. I heard words and phrases of Teacher and understood clearly in the classroom.
2. The Teacher explained important concepts / ideas in ways that I can understand.
3. Students were encouraged to ask questions and were given meaningful answers.
4. The Teacher took extra care for slow learners.
5. The Teacher used appropriate teaching techniques to enhance my learning.
6. I could access required materials easily for my learning activities.
7. I have learned and understood the subject materials of this course.
8. The Teacher discussed all the course outcomes clearly in the class.
9. The Teacher completed Syllabus portion in-time before tests / exams.
10. The Teacher assessed and evaluated students fairly.
11. The Teacher showed evaluated answer scripts of Unit / Mid – term tests to the students.
12. The Teacher was dynamic and energetic in conducting the course.



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Analysis of Student Feedback



Criteria	Excellent	Very Good	Good	Average	Satisfactory
I heard words and phrases of Teacher and understood clearly in the classroom.	36	28	14	0	0
The Teacher explained important concepts / ideas in ways that I can understand.	41	23	14	0	0
Students were encouraged to ask questions and were given meaningful answers.	42	22	14	0	0
The Teacher took extra care for slow learners.	37	25	16	0	0
The Teacher used appropriate teaching techniques to enhance my learning.	31	34	13	0	0
I could access required materials easily for my learning activities.	40	22	16	0	0
I have learned and understood the subject materials of this course.	39	22	17	0	0
The Teacher discussed all the course outcomes clearly in the class.	32	29	17	0	0
The Teacher completed Syllabus portion in-time before tests / exams.	35	26	17	0	0



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The Teacher assessed and evaluated students fairly.	39	27	12	0	0
The Teacher showed evaluated answer scripts of Unit / Mid – term tests to the students.	37	21	20	0	0
The Teacher was dynamic and energetic in conducting the course.	30	24	24	0	0

Suggestions for Further Improvement

1. Extra Class for Slow Learners is required.
2. Need More Study Materials.

Employers Feedback

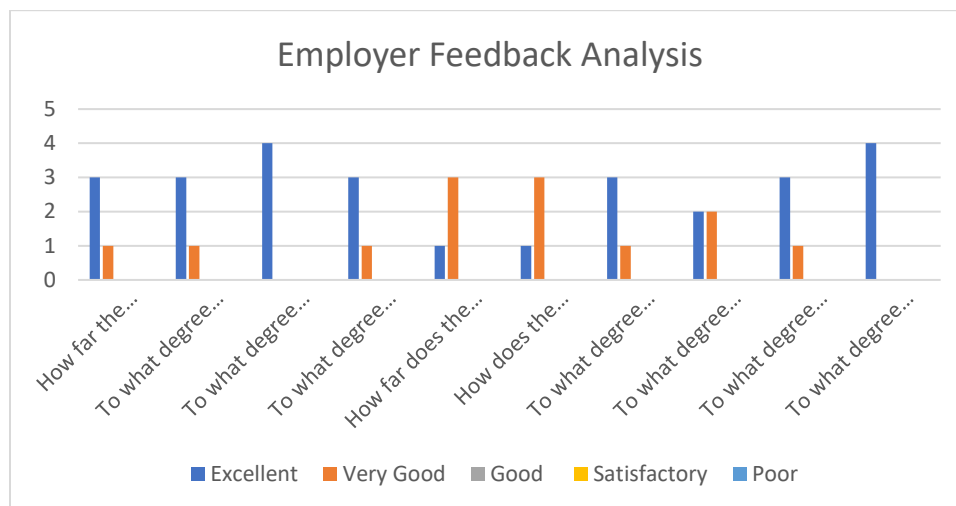
Particulars	Excellent	Very Good	Good	Satisfactory	Poor
How far the courses in the curriculum are relevant to the programme and satisfy the Industrial needs?	3	1	0	0	0
To what degree does the curriculum provide the relevant knowledge, technical and transferable skills?	3	1	0	0	0
To what degree does the curriculum support a diversifying range of students' abilities and strengthen the critical thinking and innovation?	4	0	0	0	0
To what degree does the curriculum emphasize both fundamentals and emerging technologies?	3	1	0	0	0
How far does the curriculum deliver knowledge and skills relevant to the industry needs?	1	3	0	0	0
How does the curriculum enhance the employability skills?	1	3	0	0	0
To what degree the courses offered are relevant to the specialization?	3	1	0	0	0
To what degree the curriculum enhances the practical exposure in programming languages?	2	2	0	0	0
To what degree does the curriculum support to compute the practice based on legal and ethical principles and professional responsibilities?	3	1	0	0	0
To what degree does the curriculum provide abilities to adopt individual practices?	4	0	0	0	0



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

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Observation

ECE graduates are employed as software Engineers and it is observed from employer's feedback that the syllabus content is in par with current trends and is adequate. From the Employers feedback, Employability skills of the students could be focused more.


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HOD/ECE