

Action Taken Report

Department of Electronics and Communication Engineering

Stakeholders: Faculty

Table1

Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1 The present curriculum is aligned with departmental mission.	75%	15%	10%		3.65	Strongly Agree
Q2 Employability is given importance in curriculum design and development.	70%	25%	5%		3.65	Strongly Agree
Q3 The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q4 The curriculum satisfies all stakeholder's need	75%	10%	10%	5%	3.55	Strongly Agree
Q5 The curriculum allows multidisciplinary growth of students	65%	10%	15%	10%	3.3	Strongly Agree
Q6 The curriculum is well organized	70%	10%	10%	10%	3.4	Strongly Agree
Q7 The curriculum focuses on design methodology, research and innovation.	65%	15%	15%	5%	3.4	Strongly Agree
Q8 Faculties are given enough freedom to contribute ideas on curriculum design and development.	80%	10%	10%		3.7	Strongly Agree
Q9 The system followed by the department for the design and development of curriculum is effective.	75%	15%	5%	5%	3.6	Strongly Agree
Q10 The curriculum has been updated from time to time.	70%	10%	15%	5%	3.45	Strongly Agree

Q11	Options for choosing electives are adequate	65%	15%	15%	5%	3.4	Strongly Agree
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Note: ≥ 3 : Strongly Agree, ≥ 2 : Agree, ≥ 1 : Somewhat Agree, < 1 : disagree

Table 2

Sl. No	Question	Response in terms of % Faculty	
		Yes	No
1.	Is it needed to add any content on curriculum?	30%	70%
2	If yes specify the content	1. Deep Learning 2. Quantum Computing	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

Table 3: Action Taken based on Table 1 and Table 2

Sl. No.	Feedback parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that, 30% faculties want to add new contents in the curriculum whereas rests of the faculties do not want any changes in the curriculum. The 30% faculties want to add Deep Learning and Quantum Computing in curriculum. This was discussed and approved by BOS members in the BOS meeting held on 08.04.2021 and accordingly Introduction to Quantum Computing and Deep Learning were introduced in 6 th and 8 th Semester of R-21 curriculum respectively as an open elective subject.
2	If yes specify the content	

3	Is it needed to delete any content on curriculum?	100% faculty members do not want to delete any course from the curriculum. So, no action is required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on faculty feedback, "Strongly agreed" rating have in all 11 given parameters with an average score of more than 3 in a scale of 4. Therefore, no action is required
6	Employability is given importance in curriculum design and development.	
7	The curriculum developed to prepare students for competitive exams like GATE	
8	The curriculum satisfies all stakeholder's need	
9	The curriculum allows multidisciplinary growth of students	
10	The curriculum is well organized	
11	The curriculum focuses on design methodology, research and innovation.	
12	Faculties are given enough freedom to contribute ideas on curriculum design and development.	
13	The system followed by the department for the design and development of curriculum is effective.	
14	The curriculum has been updated from time to time.	
15	Options for choosing electives are adequate	

Stakeholders: Student

Table 4

Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
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Q1	The present curriculum is aligned with departmental mission.	70%	20%	10%		3.6	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	70%	10%	15%	5%	3.45	Strongly Agree
Q3	Are the teachers prepared and qualified to teach the curriculum	80%	10%	10%		3.7	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	5%	5%	3.55	Strongly Agree
Q5	The curriculum satisfies students need	80%	10%	5%	5%	3.65	Strongly Agree
Q6	Options for choosing electives are adequate	80%	20%			3.8	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	70%	20%	10%		3.2	Strongly Agree
Q8	The curriculum is well organized	80%	10%	5%		3.6	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	80%	15%	5%		3.75	Strongly Agree

Note: ≥ 3 : Strongly Agree, ≥ 2 : Agree, ≥ 1 : Somewhat Agree, < 1 : disagree

Table 5

Sl. No	Question	Response in terms of % Student	
		Yes	No
1.	Is it needed to add any content on curriculum?	30%	70%
2	If yes specify the content	Cyber Security and Cryptography	-

3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

Table 6: Action Taken based on Table 4 and Table 5

Sl. No.	Feedback parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that, 30% students want to add Cyber Security and Cryptography in the curriculum. This was discussed and approved by BOS members in the BOS meeting held on 08.04.2021 and accordingly it was added in R-21 curriculum as an open elective- Cyber Security and Cryptography .
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% students do not want to delete any course from the curriculum, So, no action is required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on Students feedback, "Strongly agreed" rating have in all 9 given parameters with an average score of more than 3 in a scale of 4. Therefore, no action is required.
6	Employability is given importance in curriculum design and development.	
7	Are the teachers prepared and qualified to teach the curriculum	
8	The curriculum developed to prepare students for competitive exams like GATE	
9	The curriculum satisfies students need	
10	Options for choosing electives are adequate	
11	The curriculum allows multidisciplinary growth of students	
12	The curriculum is well organized	
13	The curriculum focuses on	

	design methodology, research and innovation.	
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Stakeholders: Alumni

Table 7

Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1 The present curriculum is aligned with Departmental mission.	70%	20%	10%		3.6	Strongly Agree
Q2 The curriculum developed to prepare students for competitive exams like GATE	70%	15%	10%	5%	3.5	Strongly Agree
Q3 The curriculum satisfies all stakeholder's need	80%	10%	10%		3.7	Strongly Agree
Q4 Employability is given importance in curriculum design and development.	75%	20%	5%		3.7	Strongly Agree
Q5 Options for choosing electives are adequate	85%	10%	5%		3.8	Strongly Agree
Q6 The curriculum allows multidisciplinary growth of students	70%	15%	10%	5%	3.5	Agree
Q7 The curriculum					3.8	Strongly

	focuses on design methodology, research and innovation.	80%	20%				Agree
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Note: ≥ 3 : Strongly Agree, ≥ 2 : Agree, ≥ 1 : Somewhat Agree, < 1 : disagree

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Table.8

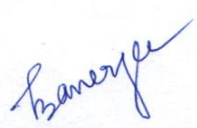
Sl. No	Question	Response in terms of % Alumni	
		Yes	No
1.	Is it needed to add any content on curriculum?	20%	80%
2	If yes specify the content	1. Advanced Python Programming 2. Digital Control System	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

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.....Table 9: Action Taken based on Table 7 and Table 8.....

Sl. No.	Feedback parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that, 20% alumni want to add following subjects in the curriculum: 1. Advanced Python Programming 2. Digital Control System This was discussed and approved by BOS members in the BOS meeting held on 08.04.2021 and accordingly these two new courses were introduced in 5th and 7th semester respectively in R-21 Curriculum.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% Alumni do not want to delete any course from the curriculum, So, no action is required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on Alumni feedback, "Strongly agreed" rating have in all 7 given parameters with an average score of more than 3 in a scale of 4. So, no action is required.
6	The curriculum developed to prepare students for competitive exams like GATE	
7	The curriculum satisfies all stakeholder's need	
8	Employability is given importance in curriculum design and development.	
9	Options for choosing electives are adequate	
10	The curriculum allows multidisciplinary growth of students	
11	The curriculum focuses on design methodology, research and innovation.	


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Stakeholders: Employer

Table 10

Question		Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	80%	10%	10%		3.7	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	70%	20%	10%		3.6	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	70%	10%	10%	10%	3.4	Agree
Q4	The curriculum is well organized	60%	20%	10%	10%	3.3	Strongly Agree

Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	25%	75%
2	If yes specify the content	1. Intelligent Wave and Big Data 2. Mixed Signal Design	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

Table 12 Action Taken based on Table 10 and Table 11

Sl. No.	Feedback parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that, 25% employer want to add following new courses in curriculum to enhance employability of students as per industry requirements: 1. Intelligent Wave and Big Data 2. Mixed Signal Design This was discussed and approved by BOS members in the BOS meeting held on 08.04.2021 and accordingly these new courses were introduced in 6th and 7th semester respectively in newly designed R-21 Curriculum.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% Employer do not want to delete any course from the curriculum, So, no action is required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on employer feedback, “Strongly agreed” rating have in all 4 given parameters with an average score of more than 3 in a scale of 4. So, no action is required.
6	The system followed by the department for the design and development of curriculum is effective.	
7	The curriculum allows multidisciplinary growth of students	
8	The curriculum is well organized	

The overall Stakeholders feedback on Curriculum Development for Department of Electronics and Communication Engineering was positive and based on that the new R-21 curriculum was designed and adopted.

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