

Department of Electrical Engineering

Stakeholders: Faculty

Table 1

Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1 The present curriculum is aligned with departmental mission.	70%	30%			3.7	Strongly agree
Q2 Employability is given importance in curriculum design and development.	70%	30%			3.7	Strongly Agree
Q3 The curriculum developed to prepare students for competitive exams like GATE	60%	40%	20%		3.8	Strongly Agree
Q4 The curriculum satisfies all stakeholder's need	60%	40%			3.6	Strongly Agree
Q5 The curriculum allows multidisciplinary growth of students	50%	30%	20%		3.3	Strongly Agree
Q6 The curriculum is well organized	60%	20%	20%		3.4	Strongly Agree
Q7 The curriculum focuses on design methodology, research and innovation.	40%	40%	20%		3.2	Strongly Agree
Q8 Faculties are given enough freedom to contribute ideas on curriculum design and development.	70%	20%			3.4	Strongly Agree
Q9 The system followed by the department for the design and development of curriculum is effective.	60%	40%			3.6	Strongly Agree

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Q10	The curriculum has been updated from time to time.	75%	20%			3.8	Strongly Agree
Q11	Options for choosing electives are adequate	60%	20%	20%		3.4	Strongly Agree

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	<ul style="list-style-type: none"> • Cyber Security (60%) • Machine Learning (40%) 	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the	NA	

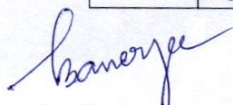
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	content		
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Table 3: Action Taken based on Table 1 and Table 2

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 existing curriculum whereas rest of the faculties do not want any changes in the curriculum. The 60% faculties want to add Cyber Security and Machine Learning in the curriculum based on industry requirements. This was discussed and approved by BOS members in the BOS meeting held on 20.11.2019 and accordingly Python Programming considered as value added Course in Beyond Curriculum Training (BCT) in R18 Curriculum.
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 has been received 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
Q1	The present curriculum is aligned with departmental mission.	60%	30%	10%		3.4	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	60%	20%	20%		3.4	Strongly Agree

Q3	Are the teachers prepared and qualified to teach the curriculum	70%	30%			3.7	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q5	The curriculum satisfies students need	60%	20%	20%		3.4	Strongly Agree
Q6	Options for choosing electives are adequate	50%	20%	20%	10%	3.1	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	50%	10%	30%	10%	3	Strongly Agree
Q8	The curriculum is well organized	60%	20%	20%		3.2	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	60%	30%	10%		3.5	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?	20%	80%

2	If yes specify the content	i) IOT ii) Python Programming	-
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, 20% students want to add some new course in the existing curriculum. This was discussed and approved by BOS members in the BOS meeting held on 20.11.2019 and accordingly IOT and Python Programming included as value added course in Beyond Curriculum Training in R18 curriculum.
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 been received 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.	

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.	60%	30%	10%		3.5	Strongly Agree
Q2 The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q3 The curriculum satisfies all stakeholder's need	60%	10%		30%	3	Strongly Agree
Q4 Employability is given importance in curriculum design and development.	70%	20%	10%		3.6	Strongly Agree
Q5 Options for choosing electives are adequate	50%	30%	20%		3.3	Strongly Agree
Q6 The curriculum	40%	30%	30%		3.1	Strongly



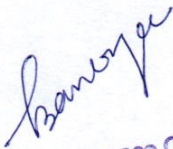
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	allows multidisciplinary growth of students						Agree
Q7	The curriculum focuses on design methodology, research and innovation.	60%	40%			3.6	Strongly Agree

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


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Table 8

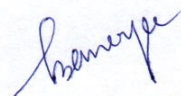
Sl. No	Question	Response in terms of % Alumni	
		Yes	No
1.	Is it needed to add any content on curriculum?	80%	20%
2	If yes specify the content	<ul style="list-style-type: none">• Computer-Aided Drawing (AutoCAD/Studio) Electrical Laboratory Automation	-
3.	Is it needed to delete any content on curriculum?	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, 80% alumni want to add Computer-Aided Electrical Drawing Laboratory (AutoCAD/ Automation Studio) enhancing employability. This was discussed and approved by BOS members in the BOS meeting held on 20.11.2019 and accordingly, Internet of Things included as value added course in Beyond Curriculum Training in R18 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%	20%			3.8	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	60%	30%	10%		3.5	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	50%	20%	20%	10%	3.1	Strongly Agree
Q4	The curriculum is well organized	80%	10%	10%		3.7	Strongly Agree

Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	30%	70%
2	If yes specify the content	<ul style="list-style-type: none"> Computer-Aided Electrical Drawing Laboratory (AutoCAD/ Automation Studio) (60%) Internet of Things (40%) 	-

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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, 30% employer want to add Computer-Aided Electrical Drawing Laboratory (AutoCAD/ Automation Studio)and Internet of Things enhancing Technical Skill Development/Entrepreneurship/Employability. This was discussed and approved by BOS members in the BOS meeting held on 20.11.2019 and accordingly added as value added course in Beyond Curriculum Training in R18 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 Electrical Engineering Department was positive and based on that the new R 18 curriculum was formed.

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