

Action Taken Report

On

Curriculum Feedback

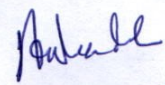
Academic Year 2017-18

Department of Applied Electronics & Instrumentation 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%	20%	5%		3.70	Strongly agree
Q2	Employability is given importance in curriculum design and development.	70%	30%			3.70	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	5%	5%	3.55	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	75%	20%		5%	3.65	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	60%	30%	10%		3.50	Strongly Agree
Q6	The curriculum is well organized	70%	25%	5%		3.65	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	60%	30%	10%		3.65	Strongly Agree


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Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	70%	20%	10%		3.50	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	70%	30%			3.60	Strongly Agree
Q10	The curriculum has been updated from time to time.	80%	15%	5%		3.70	Strongly Agree
Q11	Options for choosing electives are adequate	75%	25%			3.75	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?	40%	60%
2	If yes specify the content	Project based learning (70%)	-
		Innovative activities (30%)	
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

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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, 40% faculties want to add new contents in the existing curriculum. Rest of the faculties does not want any changes in the curriculum. The 70% of faculties, who wanted to add new contents in the existing curriculum, want to add Project based learning & rest of the faculties wanted to add Innovative activities in existing curriculum based on industry requirements. This was discussed and approved by BoS members in the BoS meeting held on 01.03.2018 and accordingly project and innovative activities have been added in R 18 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 taken.
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.	

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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	

**R18 curriculum: The curriculum introduced for 2018-19 batch*

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.	70%	30%			3.7	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	65%	20%	5%		3.25	Strongly Agree
Q3	Are the teachers prepared and qualified to teach the curriculum	85%	15%			3.85	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	65%	25%	10%		3.55	Strongly Agree
Q5	The curriculum satisfies students need	70%	20%	5%	5%	3.25	Strongly Agree
Q6	Options for choosing electives are adequate	75%	25%			3.75	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	60%	20%	10%	10%	3.3	Strongly Agree
Q8	The curriculum is well organized	70%	20%	10%		3.6	Strongly

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							Agree
Q9	The curriculum focuses on design methodology, research and innovation.	60%	25%	10%	5%	3.4	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	Group Discussion (60%)	-
		Subjects related to industry like Robotics (40%)	
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 new contents in the existing curriculum. Rest of the students does not want any changes in the curriculum. The 60% of students, who wanted to get new contents in the existing curriculum, want to add Group Discussion & rest of the students wanted to add Subjects related to industry like Robotics in existing curriculum based on industry requirements. This was discussed and approved by BOS members in the BOS meeting held on 01.03.2018 and accordingly Group Discussion &
2	If yes specify the content	

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		Technical Presentation, Robotics have been added in R18 curriculum
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.	

**R18 curriculum: The curriculum introduced for 2018-19 batch*

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	60%	20%	20%		3.4	Strongly Agree

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Q3	The curriculum satisfies all stakeholder's need	60%	30%	5%	5%	3.45	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	65%	25%	10%		3.55	Strongly Agree
Q5	Options for choosing electives are adequate	85%	10%	5%		3.9	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	55%	25%	20%		3.35	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	70%	20%	10%		3.6	Strongly Agree

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

Table 8

Sl. No	Question	Response in terms of % Alumni	
		Yes	No
1.	Is it needed to add any content on curriculum?	25%	75%
2	If yes specify the content	Project based learning & subjects related to current industry trend	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

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, 25% alumni want to add Project based learning & subjects related to current industry trend to enhance the skill & employability of the students. This was discussed and approved by BOS members in the BOS meeting held on 01.03.2018 and accordingly Projects in each semester & Quantum computing have been added 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.	

**R18 curriculum: The curriculum introduced for 2018-19 batch*

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%			3.80	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	70%	20%	10%		3.60	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	60%	20%	10%	10%	3.30	Strongly Agree

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Q4	The curriculum is well organized	70%	20%	10%		3.60	Strongly Agree
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Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	20%	80%
2	If yes specify the content	Subject related to current trend like Artificial Intelligence & also Innovative activities.	
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, 20% employer want to add subject related to current trend like Artificial Intelligence & also Innovative activities. This was discussed and approved by BOS members in the BOS meeting held on 01.03.2018 and accordingly Artificial Intelligence, Quantum Computing & Innovative activities have been added in R18 curriculum for strengthening employability, entrepreneurship, technical and overall skills of the AEIE students.
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	Based on employer feedback, "Strongly agreed" rating have in all 4 given parameters

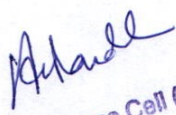
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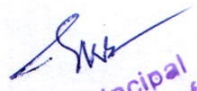
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	mission.	with an average score of more than 3 in a scale of 4. So, no action is required.
6	The system followed by the department for the design and development of curriculum is effective.	
7	The curriculum allows multidisciplinary growth of students	
8	The curriculum is well organized	

**R18 curriculum: The curriculum introduced for 2018-19 batch*

The overall Stakeholders feedback on Curriculum Development for Applied Electronics & Instrumentation Engineering Department was positive and based on that the new R 18 curriculum was formed.


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