

Action Taken Report

On

Curriculum Feedback

Academic Year 2016-17

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.	70%	25%	5%		3.65	Strongly agree
Q2	Employability is given importance in curriculum design and development.	70%	20%	5%	5%	3.55	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	70%	10%	10%	10%	3.4	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	70%	20%	5%	5%	3.55	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	60%	20%	10%	10%	3.3	Strongly Agree
Q6	The curriculum is well organized	70%	20%	10%		3.6	Strongly Agree

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Q7	The curriculum focuses on design methodology, research and innovation.	60%	30%	10%		3.5	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.	70%	25%	5%		3.65	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	75%	10%	5%	5%	3.45	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	Some specialized subject like Nanotechnology, Nanosensors, Processor Design	-
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. Rest of the faculties does not want any changes in the curriculum. The 30% faculties want to add some specialized subject like Nanotechnology, Nanosensors, Processor Design in existing curriculum based on industry requirements. This was discussed and approved by BOS members in the BOS meeting held on 02.06.2017 and accordingly this is introduced in value added course as BCT in coming semester for strengthening employability and technical skills of the AEIE students
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.	

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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.	70%	20%	10%		3.6	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	60%	25%	15%		3.45	Strongly Agree
Q3	Are the teachers prepared and qualified to teach the curriculum	70%	25%	5%		3.65	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	65%	20%	5%	10%	3.4	Strongly Agree
Q5	The curriculum satisfies students need	70%	20%	5%	5%	3.55	Strongly Agree
Q6	Options for choosing electives are adequate	80%	10%	10%		3.7	Strongly Agree

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Q7	The curriculum allows multidisciplinary growth of students	60%	15%	20%	5%	3.3	Strongly Agree
Q8	The curriculum is well organized	70%	20%	10%		3.6	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	65%	25%	10%		3.55	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	Machine Learning	-
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 get subjects related to current trend like Machine Learning in the existing curriculum. This was discussed and approved by BOS members in the BOS meeting held on 02.06.2017 and accordingly this is introduced in value added course as BCT in coming semester for strengthening employability and technical skills of the AEIE students
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.	70%	30%			3.7	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%	20%	10%	10%	3.3	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	70%	10%	3%	17%	3.33	Strongly Agree
Q5	Options for choosing electives are adequate	80%	10%	10%		3.7	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	60%	17%	10%	13%	3.24	Strongly Agree
Q7	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 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	App development using Android, Machine Learning	
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, 20% alumni want to add App development using Android, Machine Learning to enhance the skill & employability of the students. This was discussed and approved by BOS members in the BOS meeting held on 02.06.2017 and accordingly this is introduced in value added course as BCT in coming
2	If yes specify the content	

		semester for strengthening employability and technical skills of the AEIE students
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.	

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.	70%	20%		10%	3.5	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	60%	20%	20%		3.6	Strongly Agree
Q4	The curriculum is well organized	70%	10%	10%	10%	3.4	Strongly Agree

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	Processors Design, Machine Learning	-
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 like Processors Design, Machine Learning in the existing curriculum. This was discussed and approved by BOS members in the BOS meeting held on 02.06.2017 and accordingly this is introduced in value added course as BCT in coming semester for strengthening employability and technical 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 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 Applied Electronics & Instrumentation Engineering Department was positive and based on that some Value added course as BCT has been decided to be introduced in coming semester.

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