

Department of Computer Science and Engineering

Action Taken Report

Academic Year 2016-17

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.	83%	13%	4%		3.79	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	67%	27%	6%		3.61	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	57%	40%	3%		3.54	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	83%	17%			3.83	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	28%	40%	32%		2.96	Agree
Q6	The curriculum is well organized	70%	17%	13%		3.57	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	83%	17%			3.83	Strongly Agree

Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	80%	15%	5%		3.75	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	65%	33%	2%		3.63	Strongly Agree
Q10	The curriculum has been updated from time to time.	75%	20%	5%		3.7	Strongly Agree
Q11	Options for choosing electives are adequate	77%	13%	10%		3.67	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?	20%	80%
2	If yes specify the content	Credit for Projects may be allotted in each semester	-
3.	Is it needed to delete any content on curriculum?	10%	90%
4	If yes specify the content	Some parts of the course "Computer Fundamentals & Principle of Computer Programming" may be removed	-

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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, 20% of the faculties wanted to add a project course in each semester to encourage the students in project-based learning. This was discussed in the BoS meeting held on 03.05.2017 and decided that a project course will be added in the next revision of the curriculum.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	10% of the faculties agreed that there are overlapping content in the course "Computer Fundamentals & Principle of Computer Programming" with the course "Digital Electronics and Computer Organization" which may be removed. This was discussed in the BoS meeting held on 03.05.2017 and it was decided that a project course will be added in the next revision of the curriculum.
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	This was discussed in the BoS meeting held on 03.05.2017 and it was decided that Beyond Curriculum Training on Value-added Courses such as Matlab, Digital System Design, etc. may be conducted in the odd semester of Academic year 2017-18.

10	The curriculum is well organized	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.
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.	81%	13%	5%	1%	3.74	Strongly Agree

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Q2	Employability is given importance in curriculum design and development.	78%	15%	7%	0	3.71	Strongly Agree
Q3	Are the teachers prepared and qualified to teach the curriculum	83%	9%	8%	0	3.75	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	78%	20%	2%	0	3.76	Strongly Agree
Q5	The curriculum satisfies students need	89%	6%	1%	4%	3.8	Strongly Agree
Q6	Options for choosing electives are adequate	74%	16%	6%	4%	3.6	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	84%	8%	4%	4%	3.72	Strongly Agree
Q8	The curriculum is well organized	94%	4%	1%	1%	3.91	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	98%	1%	1%	0	3.97	Strongly Agree

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

Table 5

Sl.	Question	Response in terms of % Student
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No			
		Yes	No
1.	Is it needed to add any content on curriculum?	0%	100%
2	If yes specify the content	NA	-
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?	100% students do not want to delete any course from the curriculum, So, no action is required.
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 has 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	65%	20%	10%	5%	3.45	Strongly Agree
Q2	The curriculum developed to prepare students for competitive exams like GATE	60%	25%	10%	5%	3.4	Strongly Agree
Q3	The curriculum satisfies all stakeholder's need	65%	20%	10%	5%	3.45	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	70%	20%	10%	0	3.6	Strongly Agree
Q5	Options for choosing electives are adequate	70%	15%	15%	0	3.55	Strongly Agree

Q6	The curriculum allows multidisciplinary growth of students	75%	10%	15%	0	3.6	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	75%	15%	5%	5%	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?	50%	50%
2	If yes specify the content	Credit points may be allotted for participation in various innovative and entrepreneurship related activities	-
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?	50% alumni agreed that participation in innovative and entrepreneurship activities including Internship may be recognized with credit point allocation in curriculum. This was discussed BoS meeting held on 03.05.2017 and it was decided that this will be considered in the next revision of the 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 content 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.	10% alumni suggested that students may be encouraged to do MOOCs courses to enhance skill enhancement. This was discussed in the BoS meeting held on 03.05.2017 and it was decided to motivate students to do MOOCs courses which can be valued somewhere in the curriculum.
9	Options for choosing electives are adequate	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.
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%		3.6	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%	30%	10%	10%	3.2	Strongly 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?	35%	65%
2	If yes specify the content	Some courses may be introduced to develop interpersonal skills of the students. (45%)	-
		Students may also be encouraged to do compulsory Internship/ Industrial Training in each academic year (55%)	
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
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1	Is it needed to add any content on curriculum?	It is found that, 35% employer wanted to add content to the curriculum. Out of 35%, 55% employer wanted some courses on interpersonal skill development while the rest 45% asked for compulsory Internship/ Industrial Training in each academic year which may be credited. This was discussed BoS meeting held on 03.05.2017 and it was decided that this will be considered in the next revision of the 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 Computer Science and Engineering Department was positive and based on that the curriculum will be revised.

Amrinder