

Department of Computer Science and Engineering

Action Taken Report

On

Curriculum Feedback

Academic Year 2017-18

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.	80%	15%	5%		3.75	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	75%	20%	5%		3.7	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	83%	17%			3.83	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	63%	17%	10%		3.23	Strongly 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.	85%	15%			3.85	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	75%	17%	8%		3.67	Strongly Agree
Q10	The curriculum has been updated from time to time.	80%	20%			3.8	Strongly Agree
Q11	Options for choosing electives are adequate	75%	15%	10%		3.65	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	Laboratory Courses may be introduced for the course "Data Analytics" (48%) Laboratory Courses may be introduced for the course "Robotics" (52%)	-
3.	Is it needed to delete any	10%	90%

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	content on curriculum?		
4	If yes specify the content	Some parts of the course "Computer Fundamentals & Principle of Computer Programming" may be removed	-

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 laboratory courses for 2 courses, viz. "Data Analytics" and "Robotics". This was discussed and approved by BoS members in the BoS meeting held on 27.02.2018 and accordingly added in R18 curriculum as "Data Analytics Lab" and "Robotics Lab" in 7 th Semester.
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 and approved by BoS members in the BoS meeting held on 27.02.2018 and certain topics were removed from the course.
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	

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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.	67%	20%	13%		3.54	Strongly Agree

Q2	Employability is given importance in curriculum design and development.	80%	10%	10%	3.7	Strongly Agree
Q3	Are the teachers prepared and qualified to teach the curriculum	88%	6%	6%	3.82	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	74%	20%	6%	3.68	Strongly Agree
Q5	The curriculum satisfies students need	80%	14%	6%	3.71	Strongly Agree
Q6	Options for choosing electives are adequate	72%	18%	10%	3.58	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	70%	10%	20%	3.5	Strongly Agree
Q8	The curriculum is well organized	94%	3%	3%	3.91	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	75%	15%	10%	3.65	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?	30%	70%
2	If yes specify the content	Some courses to facilitate hardware projects may be introduced	-
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?	30% students wanted some courses to develop hardware projects. This was discussed in the BoS meeting held on 27.02.2018 and BoS members suggested to include a value-added course “Automatic System Design Using Arduino” in the odd semester of Academic Year 2018-19. Also, BoS members suggested Python, Data Analysis, Hacking, Web Development, etc. as value added courses for academic year 2018-19.
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

6	Employability is given importance in curriculum design and development.	parameters with an average score of more than 3 in a scale of 4. Therefore, no action is required.
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	85%	5%	10%		3.75	Strongly Agree
Q2	The curriculum developed to prepare students for competitive exams like GATE	75%	20%	5%		3.7	Strongly Agree

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Q3	The curriculum satisfies all stakeholder's need	75%	15%	10%		3.65	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	75%	25%			3.75	Strongly Agree
Q5	Options for choosing electives are adequate	71%	15%	14%		3.57	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	77%	11%	12%		3.65	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	78%	10%	12%		3.66	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?	40%	60%
2	If yes specify the content	Data Analytics Lab course may be introduced.	-
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
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1	Is it needed to add any content on curriculum?	40% alumni agreed that Data Analytics Lab may be introduced in addition to the Theory.
2	If yes specify the content	This was discussed and approved by BoS members in the BoS meeting held on 27.02.2018 and accordingly "Data Analytics Lab" is introduced in 6 th Semester.
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.	
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
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Q1	The present curriculum is aligned with Departmental mission.	73%	15%	12%		3.61	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	70%	30%			3.7	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	60%	20%	10%	10%	3.3	Strongly Agree
Q4	The curriculum is well organized	60%	20%	20%		3.4	Strongly Agree

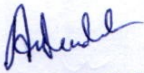
Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	50%	50%
2	If yes specify the content	Students may also be encouraged to do compulsory Internship/ Industrial Training in each academic year (60%) Project may be introduced in each semester to encourage outcome based education (40%)	-
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, 50% employer wanted to add content to the curriculum. Out of 50%, 60% employer wanted compulsory Internship/ Industrial Training in each academic year which may be credited while the rest wanted Project in each semester to encourage outcome based education. This was discussed and approved by BoS members in the BoS meeting held on 27.02.2018 and accordingly, two courses "Project" and "Innovative Activities" have been introduced in R18 curriculum with PR code in each semester.
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 the last two feedbacks; the new R18 curriculum was formed.


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