

Department of Computer Science and Engineering

Action Taken Report

On

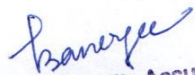
Curriculum Feedback

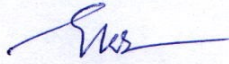
Academic Year 2020-21

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%	27%	10%		3.53	Strongly Agree
Q6	The curriculum is well organized	70%	17%	13%		3.57	Strongly Agree


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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?	60%	40%
2	If yes specify the content	CSE Curriculum should have a course on Discrete Mathematics (25%)	-
		Machine Learning lab may be introduced in the curriculum (75%)	
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	-

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 60% faculties wanted to introduce new courses in the curriculum. Out of 60%, 25% faculty wanted to add Discrete Mathematics as a course and 75% faculty told to include Machine Learning Lab in the curriculum. This was discussed and approved by BoS members in the BoS meeting held on 05.02.2021 and accordingly, Discrete Mathematics was introduced in 3 rd semester and Machine Learning Lab was introduced in 5 th semester in R21 curriculum.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% faculties 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 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.	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%	13%	6%		3.71	Strongly Agree
Q6	Options for choosing electives are adequate	71%	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. 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	Python Programming Language may be included in the curriculum	
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?	It is found that, 30% students wanted to include Python Programming Language as a course. This was discussed and approved by BoS members in the BoS meeting held on 05.02.2021 and accordingly, Programming using Python as a laboratory course was introduced in 4 th semester in R21 curriculum.
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
6	Employability is given importance in curriculum	

	design and development.	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
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	Agree
Q6	The curriculum allows multidisciplinary growth of students	77%	11%	12%		3.65	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?	30%	80%
2	If yes specify the content	Compiler Design Laboratory Course may be introduced (80%)	-
		Cloud Computing Laboratory Course may be introduced (20%)	
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, 30% alumni suggested including new laboratory courses. Out of 30% alumni, 80% alumni suggested to include Compiler Design Laboratory course in the curriculum while 20% alumni suggested to include Cloud Computing Laboratory course. This was discussed and approved by BoS members in the BoS meeting held on 05.02.2021 and accordingly, Compiler Design Laboratory course in 5th semester and Cloud Computing Laboratory Course in 7th semester was introduced in R21 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.	
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.	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?	45%	55%
2	If yes specify the content	Aptitude practice may be added in the curriculum as a credit course in each semester	
3.	Is it needed to delete any content on curriculum?	0%	100%

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4	If yes specify the content	NA	
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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, 45% alumni suggested adding Aptitude practice in the curriculum. This was discussed and approved by BoS members in the BoS meeting held on 05.02.2021 and accordingly, Skill Development was introduced in each semester from 1 st to 6 th as a 0.5 credit course wherein Aptitude was added in 4 th , 5 th , and 6 th semester in R21 curriculum.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% Employer does 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 previous feedbacks; the new R21 curriculum was formed.