Department of Computer Applications
Action Taken Report

Academic Year 2019-20

Stakeholders: Faculty

Question		Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	65%	25%	5%	5%	3.5	Strongly agree
Q2	Employability is given importance in curriculum design and development.	68%	28%	2%	2%	3.62	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	55%	30%	15%	0%	3.4	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	80%	10%	5%	5%	3.65	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	75%	15%	10%	0%	3.65	Strongly Agree
Q6	The curriculum is well organized	74%	18%	8%	0%	3.66	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	62%	25%	10%	3%	3.46	Strongly Agree
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	90%	10%	0%	0%	3.9	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	60%	32%	16%	2%	3.7	Strongly Agree
Q10	The curriculum has been updated from time to time.	67%	25%	8%	0	3.59	Strongly Agree
Q11	Options for choosing electives are adequate	65%	20%	15%	0%	3.5	Strongly Agree

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

Table 2

Sl. No	Question	Response in terms of % Faculty

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		Yes	No
1.	Is it needed to add any content on curriculum?	18%	82%
2	If yes specify the content	Prototype modeling and Technical Presentation	-
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, 18% faculties want to add new contents in the existing curriculum whereas rests of the faculties do not want any changes in the curriculum. The 18% faculties want to add Prototype modeling and Technical Presentation in the R16 curriculum based on industry requirements.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	
4	If yes specify the content	100% faculty members do not want to delete any course from the curriculum, So, no action is required.
5	The present curriculum is aligned with departmental mission.	
6	Employability is given importance in curriculum design and development.	Based on Faculty feedback, "Strongly agreed" rating have 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.
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	

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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.	62%	35%	3%	0%	3.59	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	60%	18%	17%	5%	3.33	Strongly Agree
Q3	Are the teachers prepared and qualified to teach the curriculum	73%	17%	10%	0	3.63	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	70%	25%	5%	0%	3.65	Strongly Agree
Q5	The curriculum satisfies students need	65%	20%	10%	5%	3.45	Strongly Agree
Q6	Options for choosing electives are adequate	66%	20%	14%	0	3.52	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	60%	20%	18%	2%	3.38	Strongly Agree

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Q8	The curriculum is well organized	80%	12%	8%	0	3.72	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	80%	25%	5%	0	4.05	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?	10%	90%
2	If yes specify the content	1. Artificial Intelligence and Robotics	-
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, 10% students want to add some new elective subjects in the existing curriculum. This was discussed and approved by BOS members in the BOS meeting and accordingly some elective courses are added in R 16 curriculum like
2	If yes specify the content	1. Artificial Intelligence and Robotics under 6th Sem Professional Elective courses
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" ratings 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.	

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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.	75%	25%	0	0	3.75	Strongly Agree
Q2	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	5%	5%	3.55	Strongly Agree
Q3	The curriculum satisfies all stakeholder's need	62%	28%	10%	0	3.52	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	75%	20%	5%	0	3.7	Strongly Agree
Q5	Options for choosing electives are adequate	75%	15%	10%	0	3.65	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	62%	16%	15%	7%	3.33	Strongly Agree

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Q7	The curriculum focuses on design methodology, research and innovation.	68%	25%	7%	0	3.61	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?	10%	90%
2	If yes specify the content	Some advanced topics may be added to the existing syllabus like 1. Internet of Things, 2. Python	-
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, 10% alumni want to add some new courses enhancing Technical skill development/ Internet of Things/ Python. This was discussed and approved by BOS members in the BOS meeting and accordingly some new topics have been introduced in the R 16 curriculum for students. **1. Python Programming**
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	

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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.	90%	10%	0	0	3.9	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	70%	18%	10%	2%	3.56	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	60%	29%	10%	1%	3.48	Strongly Agree
Q4	The curriculum is well organized	80%	15%	5%	0	3.75	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%

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2	If yes specify the content	Some courses for development of skills and employability of students may be included like 1. C# 2. ASP dot net	-
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 was observed that, 20% employer want to add following new courses for development of skills and employability of students. This was discussed and approved by BOS members in the BOS meeting and accordingly few courses have been introduced in the R 16 curriculum for improvement of employability, technical skills and entrepreneurship qualities of students. 1. ASP dot net
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 Department of Computer Applications was positive and based on that the new R 16 curriculum was designed.

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