

## Department of Information Technology

### Action Taken Report

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%	0	3.75	Strongly Agree
Q2 Employability is given importance in curriculum design and development.	75%	25%	0	0	3.75	Strongly Agree
Q3 The curriculum developed to prepare students for competitive exams like GATE	70%	13%	5%	2%	3.31	Strongly Agree
Q4 The curriculum satisfies all stakeholder's need	80%	13%	5%	2%	3.71	Strongly Agree
Q5 The curriculum allows multidisciplinary growth of students	75%	18%	6%	1%	3.67	Strongly Agree
Q6 The curriculum is well organized	72%	10%	6%	2%	3.32	Strongly Agree
Q7 The curriculum focuses on design methodology, research and innovation.	58%	25%	15%	2%	3.39	Strongly Agree

Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	75%	18%	6%	1%	3.67	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	70%	13%	7%	0%	3.33	Strongly Agree
Q10	The curriculum has been updated from time to time.	78%	15%	5%	2%	3.69	Strongly Agree
Q11	Options for choosing electives are adequate	65%	15%	15%	5%	3.4	Strongly Agree

Note:  $\geq 3$ : Strongly Agree,  $\geq 2$ : Agree,  $\geq 1$ : 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?	58%	42%
2	If yes specify the content	Innovative activity	-
		Project Based Learning	
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the	NA	

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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, 58% faculties want to add new contents in the existing curriculum whereas rest of the faculties do not want any changes in the curriculum. The 58% faculties want to add project-based learning and some innovative activities in the R18 curriculum. This was discussed and approved by BOS members in the BOS meeting held on <b>27.02.2018</b> and accordingly project and innovative activities have been added in all 8 semester of R 18 curriculum
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 required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	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.
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

### 1. Student Feedback form:

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%	0%	3.75	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	79%	21%	0%	0%	3.79	Strongly Agree
Q3	Are the teachers prepared and qualified to teach the curriculum	77%	16%	5%	2%	3.68	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	80%	13%	5%	2%	3.71	Strongly Agree
Q5	The curriculum satisfies students need	83%	10%	6%	1%	3.75	Strongly Agree
Q6	Options for choosing electives are adequate	77%	15%	6%	2%	3.67	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	78%	17%	5%	0%	3.73	Strongly Agree

Q8	The curriculum is well organized	75%	19%	6%	1%	3.7	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	80%	13%	7%	0%	3.73	Strongly Agree

Note:  $\geq 3$ : Strongly Agree,  $\geq 2$ : Agree,  $\geq 1$ : 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?	15%	85%
2	If yes specify the content	Elective options for some professional elective courses can be increased	-
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, 15% students want to add some new elective subjects in the existing curriculum. This was discussed and approved by BOS members in the BOS meeting held on <b>27.02.2018</b> and accordingly some elective courses are added in R18 curriculum
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

6	Employability is given importance in curriculum design and development.	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%	10%	5%	0	3.8	Strongly Agree
Q2 The curriculum developed to prepare students for competitive exams like GATE	83%	16%	1%	0	3.82	Strongly Agree
Q3 The curriculum satisfies all stakeholder's need	81%	16%	3%	1%	3.79	Strongly Agree

Q4	Employability is given importance in curriculum design and development.	80%	13%	5%	2%	3.71	Strongly Agree
Q5	Options for choosing electives are adequate	83%	13%	3%	1%	3.78	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	89%	9%	1%	1%	3.86	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	82%	13%	5%	2%	3.79	Strongly Agree

Note:  $\geq 3$ : Strongly Agree,  $\geq 2$ : Agree,  $\geq 1$ : 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	Some courses enhancing technical skill development/ entrepreneurship/ employability may be included	-
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 some new courses like Blockchain Technology, Machine learning, Deep learning etc enhancing technical skill development/ entrepreneurship/ employability. This was discussed and approved by BOS members in the BOS meeting held on 27.02.2018 and accordingly some new courses like: Project, Innovative Activities (Seminar/workshop/Internship) have been introduced in the R18 curriculum for strengthening employability, entrepreneurship, technical and overall skills of the IT students. Innovation based projects have to be offered to the students since an early level so that they can apply the conceptual knowledge they are getting through the core theory subjects. This is also at par with the guideline of introducing project based learning by AICTE..
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	
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

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Question		Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	85%	10%	5%	0	3.8	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	83%	16%	1%	0	3.82	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	81%	16%	3%	1%	3.79	Strongly Agree
Q4	The curriculum is well organized	80%	13%	5%	2%	3.71	Strongly Agree

Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	30%	70%
2	If yes specify the content	Some courses enhancing technical skill development/ entrepreneurship/ employability may be included	
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, 30% employer want to add some new courses enhancing technical skill development/ entrepreneurship/ employability. This was discussed and approved by BOS members in the BOS meeting held on <b>27.02.2018</b> and accordingly some new courses have been introduced in the R18 curriculum for strengthening employability, entrepreneurship, technical and overall skills of the IT 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 Information Technology Department was positive and based on that the new R 18 curriculum was formed.**

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