

Guru Nanak Institute of Technology

Action Taken Report

On

Curriculum Feedback

Academic Year 2022-23

Curriculum development requires the input of different stakeholders such as student, alumni, faculty and employer. Feedback mechanism of Guru Nanak Institute of Technology has developed by IQAC of the Institute. Accordingly, department wise feedback on curriculum development were collected from all stakeholders like student, alumni, faculty and employer. Based on those feedbacks' actions are taken department wise. In the following section department, wise action taken report has been discussed for all the four types of stakeholders individually.

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Action Taken Report

On

Curriculum Feedback

Academic Year 2022-23

Department of Food Technology

Stakeholders: Faculty

Table 1

Question		Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	75%	15%	10%		3.65	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	70%	25%	5%		3.65	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	75%	15%	10%		3.65	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	65%	15%	20%		3.45	Strongly Agree
Q6	The curriculum is well organized	70%	15%	15%		3.55	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	65%	20%	15%		3.5	Strongly Agree
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	80%	10%	10%		3.7	Strongly Agree

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Q9	The system followed by the department for the design and development of curriculum is effective.	75%	15%	10%		3.65	Strongly Agree
Q10	The curriculum has been updated from time to time.	70%	15%	15%		3.55	Strongly Agree
Q11	Options for choosing electives are adequate	65%	20%	15%		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	
		Yes	No
1.	Is it needed to add any content on curriculum?	10%	90%
2	If yes specify the content	MOOCS Courses may be included as Credit based course	-
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, 10% faculty members want to add MOOCS Courses as Credit based course in curriculum This was discussed and approved by BOS members in the BOS meeting held on 29.07.2021 and accordingly, one mandatory course from Coursera platform has been incorporated as credit course.
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	

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5	The present curriculum is aligned with departmental mission.	Based on faculty feedback, "Strongly agreed" rating have 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.	65%	20%	15%		3.5	Strongly Agree

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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	80%	10%	10%		3.7	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%	10%	5%	5%	3.65	Strongly Agree
Q6	Options for choosing electives are adequate	70%	20%	10%		3.6	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	75%	15%	10%		3.65	Strongly Agree
Q8	The curriculum is well organized	85%	10%	5%		3.8	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	94%	3%	3%		3.91	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	Introduction of courses on data analysis	-
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

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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 training courses on software for data analysis. This was discussed and approved by BOS members in the BOS meeting held on 29.07.2021 and accordingly some value added courses are included in Beyond Curriculum Training (BCT) as Value Added Course (VAC) (i) Introduction to Data Science (ii) Data Analysis using R programming (iii) Python Programming
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 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.	


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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%	25%	10%		3.55	Strongly Agree
Q2 The curriculum developed to prepare students for competitive exams like GATE	70%	15%	15%		3.55	Strongly Agree
Q3 The curriculum satisfies all stakeholder's need	80%	5%	10%	5%	3.6	Strongly Agree
Q4 Employability is given importance in curriculum design and development.	80%	20%	10%		3.7	Strongly Agree
Q5 Options for choosing electives are adequate	80%	15%	5%		3.75	Strongly Agree
Q6 The curriculum allows multidisciplinary growth of students	70%	15%	15%		3.55	Agree
Q7 The curriculum focuses on design methodology, research and innovation.	85%	15%			3.85	Strongly Agree

Sl. No	Question	Response in terms of % Alumni	
		Yes	No

1.	Is it needed to add any content on curriculum?	0%	100%
2	If yes specify the content		-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

Table 8

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

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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?	Based on recent R21 (Regulation 21) curriculum, with effect from 2021-22 admission batch, no specific comment received from alumni in this regard.
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.	

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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.	80%	10%	10%		3.7	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	70%	20%	10%		3.6	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	70%	15%	15%		3.55	Agree
Q4	The curriculum is well organized	60%	25%	15%		3.45	Strongly Agree

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

Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	10%	90%
2	If yes specify the content	Organization of Industry interactions in terms of Industry visit, Training, Internship etc	-
3.	Is it needed to delete any content on curriculum?	0%	100%
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, 10% employer want to add Industry interactions in terms of Industry visit, Training, Internship etc This was discussed in BOS meeting in held on 29.07.2021 and accordingly some industry visits were organized in bakery industry and breweries for 2 nd and 3 rd year 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 Food Technology Department was positive and based on that the new R 21 curriculum was reviewed.

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Action Taken Report
On
Curriculum Feedback
Academic Year 2022-23

Department of Computer Science & Engineering

Stakeholders: Faculty

Table 1

Question		Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	75%	15%	10%		3.65	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	70%	25%	5%		3.65	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	75%	15%	10%		3.65	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	65%	15%	20%		3.45	Strongly Agree
Q6	The curriculum is well organized	70%	15%	15%		3.55	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	65%	20%	15%		3.5	Strongly Agree
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	80%	10%	10%		3.7	Strongly Agree

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Q9	The system followed by the department for the design and development of curriculum is effective.	75%	15%	10%		3.65	Strongly Agree
Q10	The curriculum has been updated from time to time.	70%	15%	15%		3.55	Strongly Agree
Q11	Options for choosing electives are adequate	65%	20%	15%		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	
		Yes	No
1.	Is it needed to add any content on curriculum?	10%	90%
2	If yes specify the content	MOOCS Courses may be included as Credit based course	-
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, 10% faculty members want to add MOOCS Courses as Credit based course in curriculum This was discussed and approved by BOS members in the BOS meeting held on 29.07.2021 and accordingly, one mandatory course from Coursera platform has been incorporated as credit course.
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 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.	65%	20%	15%		3.5	Strongly Agree


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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	80%	10%	10%		3.7	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%	10%	5%	5%	3.65	Strongly Agree
Q6	Options for choosing electives are adequate	70%	20%	10%		3.6	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	75%	15%	10%		3.65	Strongly Agree
Q8	The curriculum is well organized	85%	10%	5%		3.8	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	94%	3%	3%		3.91	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	Introduction of courses on data analysis	-
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

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Internal Quality Assurance Cell (IQAC)

Guru Nanak Institute of Technology

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 training courses on software for data analysis. This was discussed and approved by BOS members in the BOS meeting held on 29.07.2021 and accordingly some value added courses are included in Beyond Curriculum Training (BCT) as Value Added Course (VAC) (i) Introduction to Data Science (ii) Data Analysis using R programming (iii) Python Programming
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 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.	


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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%	25%	10%		3.55	Strongly Agree
Q2	The curriculum developed to prepare students for competitive exams like GATE	70%	15%	15%		3.55	Strongly Agree
Q3	The curriculum satisfies all stakeholder's need	80%	5%	10%	5%	3.6	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	80%	20%	10%		3.7	Strongly Agree
Q5	Options for choosing electives are adequate	80%	15%	5%		3.75	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	70%	15%	15%		3.55	Agree
Q7	The curriculum focuses on design methodology, research and innovation.	85%	15%			3.85	Strongly Agree

Sl. No	Question	Response in terms of % Alumni	
		Yes	No

1.	Is it needed to add any content on curriculum?	0%	100%
2	If yes specify the content		-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

Table 8

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

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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?	Based on recent R21 (Regulation 21) curriculum, with effect from 2021-22 admission batch, no specific comment received from alumni in this regard.
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.	

Sumpa Ray

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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.	80%	10%	10%		3.7	Strongly Agree
Q2 The system followed by the department for the design and development of curriculum is effective.	70%	20%	10%		3.6	Strongly Agree
Q3 The curriculum allows multidisciplinary growth of students	70%	15%	15%		3.55	Agree
Q4 The curriculum is well organized	60%	25%	15%		3.45	Strongly Agree

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

Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	10%	90%
2	If yes specify the content	Organization of Industry interactions in terms of Industry visit, Training, Internship etc	-
3.	Is it needed to delete any content on curriculum?	0%	100%
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, 10% employer want to add Industry interactions in terms of Industry visit, Training, Internship etc This was discussed in BOS meeting in held on 29.07.2021 and accordingly some industry visits were organized to IT industry for 2 nd and 3 rd year 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 Computer Science & Engineering Department was positive and based on that the R 21 curriculum was reviewed.

Sumit R. Roy

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Department of Information Technology

Action Taken Report

on

Curriculum Feedback

Academic Year – 2022-23

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	3.45	Strongly Agree
Q3	The curriculum was developed to prepare students for competitive exams like GATE	82%	13%	5%	0	3.77	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	80%	15%	5%	0	3.75	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	80%	14%	6%	0	3.74	Strongly Agree
Q6	The curriculum is well organized	84%	10%	6%	0	3.78	Strongly Agree


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Q7	The curriculum focuses on design methodology, research and innovation.	78%	15%	7%	0	3.71	Strongly Agree
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	76%	18%	6%	0	3.7	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	85%	8%	7%	0	3.78	Strongly Agree
Q10	The curriculum has been updated from time to time.	80%	15%	5%	0	3.75	Strongly Agree
Q11	Options for choosing electives are adequate	70%	15%	15%	0	3.55	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?	32%	68%
2	If yes specify the content	Innovative Project (70%)	-
		Foreign Language (30%)	
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

Sumit

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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, 30% of faculties want to add new contents in the existing curriculum, whereas the rest do not want any changes in the curriculum. The 30% of faculties want to incorporate mandatory certification from courser/nptel. This was discussed and approved by BOS members in the BOS meeting held on 15.07.2022 and accordingly decision has been made that students have to earn a certificate from courser in each semester.
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.	

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15	Options for choosing electives are adequate	
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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	79%	16%	5%	0%	3.74	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	82%	13%	5%	0%	3.77	Strongly Agree
Q5	The curriculum satisfies students need	83%	11%	6%	0%	3.77	Strongly Agree
Q6	Options for choosing electives are adequate	79%	15%	6%	0%	3.73	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	78%	17%	5%	0%	3.88	Strongly Agree
Q8	The curriculum is well organized	75%	19%	6%	0%	3.69	Strongly Agree

Sumit Roy

Q9	The curriculum focuses on design methodology, research and innovation.	80%	13%	7%	0%	3.89	Strongly Agree
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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?	20%	80%
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, 20% students want to add some new elective subjects like Internet of things (IoT), Virtual Reality, Hardware security, Robotics, etc. in the existing curriculum. This was discussed and approved by BOS members in the BOS meeting held on 15.07.2022 and accordingly some of the subjects suggested by students has been included as VAC.
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 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	

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	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%	3.83	Strongly Agree
Q3	The curriculum satisfies all stakeholder's need	81%	16%	3%	0%	3.78	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	82%	13%	5%	0%	3.77	Strongly Agree


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Q5	Options for choosing electives are adequate	84%	13%	3%	0%	3.81	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	90%	9%	1%	0%	3.89	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	82%	13%	5%	0%	3.77	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?	75%	25%
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	It is found that, 75% alumni want to add some new courses like Computer Graphics and Multimedia, VLSI etc to enhancing technical

	curriculum?	skill development/ entrepreneurship/ employability. This was discussed and approved by BOS members in the BOS meeting held on 15.07.2022 and accordingly some new courses have been added as VAC 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% 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 stake holder'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.	


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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.	85%	10%	5%	0%	3.8	Strongly Agree
Q2	The system followed by the department for the design and development of the curriculum is effective.	83%	16%	1%	0%	3.82	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	82%	16%	3%	0%	3.82	Strongly Agree
Q4	The curriculum is well organized	82%	13%	5%	0%	3.77	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%

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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, 30% employer want to add some new courses like Computer Graphics and Multimedia, VLSI etc to enhancing technical skill development/ entrepreneurship/ employability. This was discussed and approved by BOS members in the BOS meeting held on 15.07.02022 and accordingly some new courses have been added as VAC for strengthening employability, entrepreneurship, technical and overall skill soft he 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 21 curriculum was formed.

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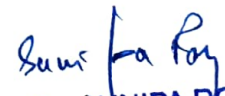
Action Taken Report (2022-23)

Department of Electronics and Communication Engineering

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.	75%	15%	10%		3.65	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	70%	25%	5%		3.65	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	75%	10%	10%	5%	3.55	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	65%	10%	15%	10%	3.3	Strongly Agree
Q6	The curriculum is well organized	70%	10%	10%	10%	3.4	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	65%	15%	15%	5%	3.4	Strongly Agree
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	80%	10%	10%		3.7	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	75%	15%	5%	5%	3.6	Strongly Agree
Q10	The curriculum has been updated from time to time.	70%	10%	15%	5%	3.45	Strongly Agree
Q11	Options for choosing electives are adequate	65%	15%	15%	5%	3.4	Strongly Agree


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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?	30%	70%
2	If yes specify the content	1. EDA tools	-
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, 30% faculties want to add new contents in the curriculum whereas rests of the faculties do not want any changes in the curriculum. The 30% faculties want to add EDA tools in curriculum. This was discussed and approved by BOS members in the BOS meeting held on 20.03.2023 and accordingly Introduction to EDA tools was introduced in 8 th Semester of R-23 curriculum as an open elective subject.
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 in all 11 given parameters with an average score of more

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6	Employability is given importance in curriculum design and development.	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	
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.	70%	20%	10%		3.6	Strongly Agree
Q2 Employability is given importance in curriculum design and development.	70%	10%	15%	5%	3.45	Strongly Agree

Q3	Are the teachers prepared and qualified to teach the curriculum	80%	10%	10%		3.7	Strongly Agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	5%	5%	3.55	Strongly Agree
Q5	The curriculum satisfies students need	80%	10%	5%	5%	3.65	Strongly Agree
Q6	Options for choosing electives are adequate	80%	20%			3.8	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	70%	20%	10%		3.2	Strongly Agree
Q8	The curriculum is well organized	80%	10%	5%		3.6	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	80%	15%	5%		3.75	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	IT Project Management	-
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, 30% students want to add IT Project Management in the curriculum. This was discussed and approved by BOS members in the BOS meeting held on 20.03.2023 and accordingly it was added in R-23 curriculum as an open elective- IT Project Management .
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 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.	


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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.	70%	20%	10%		3.6	Strongly Agree
Q2	The curriculum developed to prepare students for competitive exams like GATE	70%	15%	10%	5%	3.5	Strongly Agree
Q3	The curriculum satisfies all stakeholder's need	80%	10%	10%		3.7	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	75%	20%	5%		3.7	Strongly Agree
Q5	Options for choosing electives are adequate	85%	10%	5%		3.8	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	70%	15%	10%	5%	3.5	Agree
Q7	The curriculum focuses on design methodology, research and innovation.	80%	20%			3.8	Strongly Agree

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

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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	1. Machine learning model using Python	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

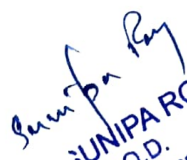

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Table 9 Action Taken based on Table 7 and Table 8

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 Machine learning model using python in the curriculum. This was discussed and approved by BOS members in the BOS meeting held on 20.03.2023 and accordingly it was introduced in 8 th semester in R-23 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 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.	


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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.	80%	10%	10%		3.7	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	70%	20%	10%		3.6	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	70%	10%	10%	10%	3.4	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?	25%	75%
2	If yes specify the content	Internship for 1 month	-
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, 25% employer want to add Internship directly in curriculum to enhance employability of students as per industry requirements. This was discussed and approved by BOS members in the BOS meeting held on 20.03.2023 and accordingly it was introduced in 7 th semester in newly designed R-23 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 Department of Electronics and Communication Engineering was positive and based on that the new R-23 curriculum was designed and adopted.

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Department of Electrical Engineering
Guru Nanak Institute of Technology
Action Taken Report
On
Curriculum Feedback
Academic Year 2022-23

Curriculum development requires the input of different stakeholders such as student, alumni, faculty and employer. Feedback mechanism of Guru Nanak Institute of Technology has developed by IQAC of the Institute. Accordingly, department wise feedback on curriculum development were collected from all stakeholders like student, alumni, faculty and employer. Based on those feedbacks' actions are taken department wise. In the following section department, wise action taken report has been discussed for all the four types of stakeholders individually.

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Department of Electrical Engineering

Guru Nanak Institute of Technology

Action Taken Report

On

Curriculum Feedback Academic Year 2022-23

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.	70%	30%			3.7	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	40%	40%	20%		3.2	Strongly Agree
Q4 The curriculum satisfies all stakeholder's need	60%	40%			3.6	Strongly Agree
Q5 The curriculum allows multidisciplinary growth of students	50%	30%	20%		3.3	Strongly Agree
Q6 The curriculum is well organized	60%	20%	20%		3.4	Strongly Agree
Q7 The curriculum focuses on design methodology, research and innovation.	40%	40%	20%		3.2	Strongly Agree
Q8 Faculties are given enough freedom to contribute ideas on curriculum design and development.	80%	20%			3.8	Strongly Agree
Q9 The system followed by the department for the design and development of curriculum is effective.	60%	20%	20%		3.4	Strongly Agree

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Q10	The curriculum has been updated from time to time.	80%	20%			3.65	Strongly Agree
Q11	Options for choosing electives are adequate	60%	20%	20%		3.25	Strongly Agree

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

Table 2

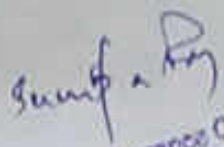
Sl. No	Question	Response in terms of % Faculty	
		Yes	No
1.	Is it needed to add any content on curriculum?	10%	90%
2	If yes specify the content	Digital Signal Processing	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

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?	From the survey report, it has been found that, 10% of faculties are in a favor of adding new contents in the existing curriculum whereas all other faculties don't want any changes in the curriculum. The 10% faculties want to add value added and need based courses in the curriculum. This was discussed and approved by BOS members in the BOS meeting held on 15.07.2023 and accordingly such courses are introduced in the curriculum.
2	If yes specify the content	
3	Is it needed to delete any content	100% faculty members do not want to delete

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	on curriculum?	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 the Survey Report of faculty feedback, it has been found that the faculties have given "Strongly agreed" rating in all 11 mentioned 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	


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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.	60%	30%	10%		3.5	Strongly Agree
Q2 Employability is given importance in curriculum design and development.	60%	20%	20%		3.4	Strongly Agree
Q3 Are the teachers prepared and qualified to teach the curriculum	70%	30%			3.7	Strongly Agree
Q4 The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q5 The curriculum satisfies students need	60%	20%	20%		3.4	Strongly Agree
Q6 Options for choosing electives are adequate	50%	20%	20%	10%	3.1	Strongly Agree
Q7 The curriculum allows multidisciplinary growth of students	50%	10%	30%	10%	3.2	Strongly Agree
Q8 The curriculum is well organized	60%	20%	20%		3.4	Strongly Agree
Q9 The curriculum focuses on design methodology, research and innovation.	60%	30%	10%		3.5	Strongly Agree

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

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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	Internship	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

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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 has been found that, 10% of the students want for the arrangements of internship in the curriculum. This was discussed and approved by BOS members in the BOS meeting held on 15.07.2023 and accordingly internship has been arranged in WBPDCI and some other organization like TPSDI.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% of the 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.	As per the survey report of Students Feedback, it has been observed and found that, most of the students have given "Strongly agreed" rating in all 9 mentioned 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.	

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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.	60%	30%	10%		3.5	Strongly Agree
Q2 The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q3 The curriculum satisfies all stakeholder's need	60%	10%		30%	3.3	Strongly Agree
Q4 Employability is given importance in curriculum design and development.	70%	20%	10%		3.5	Strongly Agree
Q5 Options for choosing electives are adequate	50%	30%	20%		3.3	Strongly Agree
Q6 The curriculum allows multidisciplinary growth of students	40%	30%	30%		3.1	Agree
Q7 The curriculum focuses on design methodology, research and innovation.	60%	40%			3.6	Strongly Agree

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

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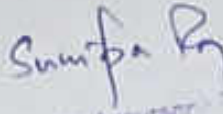
Table 8

Sl. No	Question	Response in terms of % Alumni	
		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	-

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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?	Based on recent R21 (Regulation 21) curriculum, with effect from 2021-22 admission batch, no specific comment received from alumni in this regard.
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.	As per the survey report of Alumni Feedback, it has been observed and found that, most of the Alumni's have given "Strongly Agreed" 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.	


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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.	80%	20%			3.8	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%	20%	20%	10%	3.1	Agree
Q4	The curriculum is well organized	80%	10%	10%		3.7	Strongly Agree

Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	10%	90%
2	If yes specify the content	Organization of Industry interactions in terms of Industry visit, Training, Internship etc	-
3.	Is it needed to delete any content on curriculum?	0%	100%
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, 10% employer want to add Industry interactions in terms of Industry visit, Training, Internship etc This was discussed and approved by BOS members in the BOS meeting held on 15.07.2023 and accordingly Industry visits, industry training and internship has been arranged.
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 Electrical Engineering Department was positive and based on that the new R 21 curriculum was formed.

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Action Taken Report

On

Curriculum Feedback

Academic Year 2022-23

Department of Applied Electronics & Computer Science

Stakeholders: Faculty

Table1:

Question		Strongly Agree (4)	Agree (3)	Slightly Agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	75%	25%			3.65	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	75%	20%	5%		3.7	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	75%	20%		5%	3.45	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	65%	25%	10%		3.3	Strongly Agree
Q6	The curriculum is well organized	70%	20%	10%		3.6	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	65%	20%	10%	5%	3.45	Strongly Agree

	and development.						
Q9	The system followed by the department for the design and development of curriculum is effective.	75%	15%	5%	5%	3.6	Strongly Agree
Q10	The curriculum has been updated from time to time.	70%	10%	15%	5%	3.45	Strongly Agree
Q11	Options for choosing electives are adequate	75%	10%	15%		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?	15%	85%
2	If yes specify the content	Electro Magnetic Theory, Fibre optic communication, Laboratory of Machine Learning	
3.	Is it needed to delete any content on curriculum?	10%	90%
4	If yes specify the content	Physics II, Mathematics III	

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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, 15% faculties want to incorporate new contents in the existing curriculum. Rest of the faculties do not want any changes in the curriculum. This was discussed in the BOS meeting held on 27.02.2023 and decided that Eletro Magnetic Theory, Fibre optic communication and laboratory of Machine Learning will be included in the next revised syllabus.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	10% faculty members want to remove some subject from the curriculum. This was discussed in the BOS meeting that Physics II and Mathematics III will not be in the revised syllabus.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on faculty feedback, "Strongly agreed" rating have 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 or 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.	

Sunipa Ray

15	Options for choosing electives are adequate	
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The overall Stakeholders feedback on Curriculum Development for Electronics and Computer Science Department was positive and based on that revised curriculum will form.

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Department of Computer Applications

Action Taken Report

Academic Year 2022-23

Stakeholders: Faculty

Question		Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	72%	24%	4%	0%	3.68	Strongly agree
Q2	Employability is given importance in curriculum design and development.	70%	20%	7%	3%	3.57	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	76%	15%	9%	0%	3.67	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	75%	12%	9%	4%	3.58	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	71%	19%	10%	0%	3.61	Strongly Agree
Q6	The curriculum is well organized	74%	19%	7%	0%	3.67	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	75%	14%	8%	3%	3.61	Strongly Agree
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	74%	16%	6%	4%	3.6	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	76%	12%	10%	2%	3.62	Strongly Agree
Q10	The curriculum has been updated from time to time.	74%	24%	2%	0%	3.72	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

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Table 2

Sl. No	Question	Response in terms of % Faculty	
		Yes	No
1.	Is it needed to add any content on curriculum?	5%	95%
2	If yes specify the content	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, 5% faculties want to add new contents in the existing curriculum whereas rests of the faculties do not want any changes in the curriculum. The 5% faculties want to add Technical Presentation in the R20 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	

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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.	73%	23%	3%	1%	3.68	Strongly Agree
Q2 Employability is given importance in curriculum design and development.	68%	14%	11%	7%	3.43	Strongly Agree
Q3 Are the teachers prepared and qualified to teach the curriculum	78%	12%	10%	0%	3.68	Strongly Agree
Q4 The curriculum developed to prepare students	62%	19%	14%	5%	3.38	Strongly Agree


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	for competitive exams like GATE						
Q5	The curriculum satisfies students need	66%	18%	16%	0%	3.5	Strongly Agree
Q6	Options for choosing electives are adequate	65%	18%	17%	0%	3.48	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	72%	13%	10%	5%	3.52	Strongly Agree
Q8	The curriculum is well organized	80%	13%	7%	0%	3.73	Strongly Agree
Q9	The curriculum focuses on design methodology, research and innovation.	76%	21%	3%	0%	3.73	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. Internet of Things and Robotics	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

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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 20 curriculum like
		1. Internet of Things and Robotics under 4 th Sem Professional Elective courses
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” ratings have been received in all 9 given parameters with an average score of more than 3

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6	Employability is given importance in curriculum design and development.	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.	65%	24%	9%	2%	3.52	Strongly Agree
Q2 The curriculum developed to prepare students for competitive exams like GATE	74%	14%	11%	1%	3.61	Strongly Agree
Q3 The curriculum satisfies all stakeholder's need	65%	18%	17%	0%	3.48	Strongly Agree

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Q4	Employability is given importance in curriculum design and development.	70%	25%	5%	0%	3.65	Strongly Agree
Q5	Options for choosing electives are adequate	68%	22%	10%	0%	3.58	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	68%	21%	9%	2%	3.55	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	60%	20%	17%	3%	3.37	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. R Programming	-
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?	It is found that, 10% alumni want to add some new courses enhancing Technical skill development/ Internet of Things/ R Programming. 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.
2	If yes specify the content	1. R Programming
3	Is it needed to delete any content on curriculum?	
4	If yes specify the content	100% Alumni 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	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.	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.

Sumit Pr

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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.

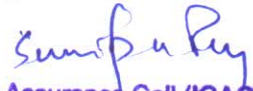
Stakeholders: Employer

Table 10

	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	69%	20%	10%	1%	3.57	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	83%	15%	2%	0%	3.79	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	72%	17%	9%	2%	3.59	Strongly Agree
Q4	The curriculum is well organized	76%	22%	2%	0%	3.73	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%


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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. Deep Learning 2. R- Programming	-
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, 30% 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. R Programming
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 20 curriculum was designed.


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