



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

Department of Automobile Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Automobile Engineering

Stakeholders: Student

Sample Size: 60

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	70%	20%	10%		3.6	Strongly Agree
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	65%	20%	10%	5%	3.45	Strongly Agree
3	How do you rate the relevance of the units in the syllabus relevant to the course?	80%	15%	5%		3.75	Strongly Agree
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	70%	15%	15%		3.55	Strongly Agree
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	65%	20%	10%	5%	3.45	Strongly Agree
6	How do you rate the electives offered about Technological advancements?	70%	10%	10%	10%	3.4	Strongly Agree
7	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	70%	20%	5%	5%	3.55	Strongly Agree
8	How do you rate the domain used for designing the experiments for the LAB components?	70%	20%	5%	5%	3.55	Strongly Agree

9	How do you rate the experiments about the real-life Applications?	70%	20%	5%	5%	3.55	Strongly Agree
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Rating Details:

Average Value > 3: Strongly Agree
 2 < Average Value <= 3: Agree
 1 < Average Value <= : Somewhat agree
 Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Internet of Vehicle, Driver less Car, ICE Simulation, Solar Vehicle
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% students want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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. Hence, no action is required
4	If Yes Specify the content	
5	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	
7	How do you rate the relevance of the units in the syllabus relevant to the course?	
8	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	
9	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	
10	How do you rate the electives offered about Technological advancements?	
11	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	

12	How do you rate the domain used for designing the experiments for the LAB components?	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
13	How do you rate the experiments about the real-life Applications?	



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Department of Automobile Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Automobile Engineering

Stakeholders: Alumni

Sample Size: 50

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	Institute organizes various kind of activities for overall development of students	60%	20%	10%	10%	3.3	Strongly Agree
2	Have you obtained sufficient technical knowledges both in theory and practical	50%	20%	20%	10%	3.1	Strongly Agree
3	How effective is the Curriculum in developing analytical and problem-solving skills	60%	20%	10%	10%	3.3	Strongly Agree
4	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	60%	20%	20%		3.4	Strongly Agree
5	The curriculum facilitates in acquiring the learning outcomes of the program of study	60%	20%	10%	10%	3.3	Strongly Agree
6	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	60%	20%	10%	10%	3.3	Strongly Agree
7	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	60%	20%	10%	10%	3.3	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree
2 < Average Value <= 3: Agree
1 < Average Value <= : Somewhat agree

Average Value ≤ 1 : Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	CNC, Internet of Vehicle, ICE Simulation, Autonomous Vehicle, Biofuel Production and Design of Experiment
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% alumni want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% alumni do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	Institute organizes various kind of activities for overall development of students	In all 7 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required
6	Have you obtained sufficient technical knowledges both in theory and practical	
7	How effective is the Curriculum in developing analytical and problem-solving skills	
8	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	
9	The curriculum facilitates in acquiring the learning outcomes of the program of study	
10	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	
11	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	



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Department of Automobile Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Automobile Engineering

Stakeholders: Faculty Members

Sample Size: 10

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the relevance of the courses in the program?	70%	20%	10%		3.6	Strongly Agree
2	How do you rate the competence of the courses related to the industry that are included in the program?	60%	20%	20%		3.4	Strongly Agree
3	How do you rate the sequence of the units in the syllabus?	50%	10%	30%	10%	3	Agree
4	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?	70%	20%	10%		3.6	Strongly Agree
5	How do you rate the offering of the electives about technological advancements?	60%	20%	10%	10%	3.3	Strongly Agree
6	How do you rate the courses which are skills related to the industry included in the programs?	70%	20%	10%		3.6	Strongly Agree
7	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?	60%	20%	10%	10%	3.3	Strongly Agree
8	How do you rate the experiments in terms of their relevance to the real-life application?	70%	20%	10%		3.6	Strongly Agree
9	Rate the courses in terms of extra learning of self-learning considering the design of the courses.	70%	10%	10%	10%	3.4	Strongly Agree
10	Rate the offering of the courses about the specialization streams.	60%	10%	20%	10%	3.2	Strongly Agree

11	Options for choosing electives are adequate.	60%	20%	20%		3.4	Strongly Agree
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Rating Details:

Average Value > 3: Strongly Agree
 2 < Average Value <= 3: Agree
 1 < Average Value <= : Somewhat agree
 Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	IOV, Design Simulation in Ansys Software, ICE Simulation, Thermochemistry of Reactive, Design of Experiment System 1G Biofuel, 2G Biofuel and 3G Biofuel
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% faculty members want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% faculty members do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	How do you rate the relevance of the courses in the program?	In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	How do you rate the competence of the courses related to the industry that are included in the program?	
7	How do you rate the sequence of the units in the syllabus?	
8	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?	
9	How do you rate the offering of the electives about technological advancements?	
10	How do you rate the courses which are skills related to the industry included in the programs?	

11	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?	In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
12	How do you rate the experiments in terms of their relevance to the real-life application?	
13	Rate the courses in terms of extra learning of self-learning considering the design of the courses	
14	Rate the offering of the courses about the specialization streams	
15	Options for choosing electives are adequate	



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Department of Automobile Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Automobile Engineering

Stakeholders: Employer

Sample Size: 10

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	The present curriculum is aligned with departmental mission	60%	20%	20%		3.4	Agree
2	Employability is given importance in curriculum design and development	60%	20%	20%		3.4	Strongly Agree
3	The curriculum allows multidisciplinary growth of students	40%	20%	20%	20%	2.8	Agree
4	The Curriculum is well organized	50%	20%	20%	10%	3.1	Strongly Agree
5	The curriculum focuses on design methodology, research and innovation	40%	20%	20%	20%	2.8	Agree

Rating Details:

- Average Value > 3: Strongly Agree
- 2 < Average Value <= 3: Agree
- 1 < Average Value <= 2: Somewhat agree
- Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	CNC, Design Simulation in Ansys Software, ICE Simulation, Micro Machining, ANN Analysis in MATLAB Software, Internet of Vehicle, 1G, 2G and 3G Biofuels
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% employers want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% employers do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	The present curriculum is aligned with departmental mission	In all 5 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	Employability is given importance in curriculum design and development	
7	The curriculum allows multidisciplinary growth of students	
8	The Curriculum is well organized	
9	The curriculum focuses on design methodology, research and innovation	



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Department of Electronics and Communication Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Electronics and Communication Engineering

Stakeholders: Student

Sample Size: 100

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	70%	10%	10%	10%	3.4	Strongly Agree
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	60%	20%	10%	10%	3.3	Strongly Agree
3	How do you rate the relevance of the units in the syllabus relevant to the course?	72%	10%	10%	8%	3.76	Strongly Agree
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	70%	15%	15%		3.55	Strongly Agree
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	68%	20%	5%	7%	3.49	Strongly Agree
6	How do you rate the electives offered about Technological advancements?	72%	10%	8%	10%	3.44	Strongly Agree
7	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	70%	20%	10%		3.6	Strongly Agree
8	How do you rate the domain used for designing the experiments for the LAB components?	80%	20%			3.8	Strongly Agree
9	How do you rate the experiments about the real-life Applications?	70%	20%	10%		3.6	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree

2 < Average Value <= 3: Agree

1 < Average Value <= : Somewhat agree

Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Programming languages like JAVA and Python. More simulation tools like TANNER, HFSS etc.
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% students want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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. Hence, no action is required
4	If Yes Specify the content	
5	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	
7	How do you rate the relevance of the units in the syllabus relevant to the course?	
8	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	
9	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	
10	How do you rate the electives offered about Technological advancements?	
11	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	
12	How do you rate the domain used for designing the experiments for the LAB components?	
13	How do you rate the experiments about the real-life Applications?	



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Department of Electronics and Communication Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Electronics and Communication Engineering

Stakeholders: Alumni

Sample Size: 50

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	Institute organizes various kind of activities for overall development of students	65%	20%	10%	5%	3.45	Strongly Agree
2	Have you obtained sufficient technical knowledges both in theory and practical	55%	20%	15%	10%	3.2	Agree
3	How effective is the Curriculum in developing analytical and problem-solving skills	60%	20%	10%	10%	3.3	Strongly Agree
4	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	65%	20%	15%		3.5	Strongly Agree
5	The curriculum facilitates in acquiring the learning outcomes of the program of study	63%	20%	10%	7%	3.39	Strongly Agree
6	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	60%	15%	15%	10%	3.25	Strongly Agree
7	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	64%	20%	6%	10%	3.38	Strongly Agree

Rating Details:

- Average Value > 3: Strongly Agree
- 2 < Average Value <= 3: Agree
- 1 < Average Value <= : Somewhat agree
- Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	More programming applications. Core domain concepts like fabrications, Antenna Installations etc
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% alumni want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% alumni do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	Institute organizes various kind of activities for overall development of students	In all 7 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required
6	Have you obtained sufficient technical knowledges both in theory and practical	
7	How effective is the Curriculum in developing analytical and problem-solving skills	
8	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	
9	The curriculum facilitates in acquiring the learning outcomes of the program of study	
10	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	
11	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	



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Department of Electronics and Communication Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Electronics and Communication Engineering

Stakeholders: Faculty Members

Sample Size: 10

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the relevance of the courses in the program?	72%	20%	8%		3.64	Strongly Agree
2	How do you rate the competence of the courses related to the industry that are included in the program?	63%	20%	17%		3.46	Strongly Agree
3	How do you rate the sequence of the units in the syllabus?	52%	28%	10%	10%	3.22	Agree
4	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?	70%	20%	10%		3.6	Strongly Agree
5	How do you rate the offering of the electives about technological advancements?	65%	15%	10%	10%	3.35	Strongly Agree
6	How do you rate the courses which are skills related to the industry included in the programs?	70%	20%	10%		3.6	Strongly Agree
7	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?	65%	20%	5%	10%	3.4	Strongly Agree
8	How do you rate the experiments in terms of their relevance to the real-life application?	70%	20%	10%		3.6	Strongly Agree
9	Rate the courses in terms of extra learning of self-learning considering the design of the courses.	80%	15%	5%		3.75	Strongly Agree
10	Rate the offering of the courses about the specialization streams.	63%	10%	17%	10%	3.26	Strongly Agree
11	Options for choosing electives are adequate.	60%	20%	20%		3.4	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree

2 < Average Value <= 3: Agree

1 < Average Value <= : Somewhat agree
 Average Value <= 1 : Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Handon VLSI technology, HFSS simulation, Python programming
2	Is it needed to delete any content on curriculum?	0%	100%	NA

Table 3: Action Taken based on Table 1 and Table 2

SI No.	Feedback Parameters	Action Taken	
1	Is it needed to add any content on curriculum?	It is found that 20% faculty members want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% faculty members do not want to delete any course from the curriculum. Hence, no action is required	
4	If Yes Specify the content		
5	How do you rate the relevance of the courses in the program?	In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.	
6	How do you rate the competence of the courses related to the industry that are included in the program?		
7	How do you rate the sequence of the units in the syllabus?		
8	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?		
9	How do you rate the offering of the electives about technological advancements?		
10	How do you rate the courses which are skills related to the industry included in the programs?		
11	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?		
12	How do you rate the experiments in terms of their relevance to the real-life application?		In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
13	Rate the courses in terms of extra learning of self-learning considering the design of the courses		
14	Rate the offering of the courses about the specialization streams		
15	Options for choosing electives are adequate		



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Department of Electronics and Communication Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Electronics and Communication Engineering

Stakeholders: Employer

Sample Size: 5

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	The present curriculum is aligned with departmental mission	48%	20%	17%	15%	3.01	Strongly Agree
2	Employability is given importance in curriculum design and development	65%	20%	15%		3.5	Strongly Agree
3	The curriculum allows multidisciplinary growth of students	50%	15%	20%	15%	3	Strongly Agree
4	The Curriculum is well organized	60%	25%	10%	5%	3.4	Strongly Agree
5	The curriculum focuses on design methodology, research and innovation	45%	20%	15%	20%	3.3	Strongly Agree

Rating Details:

- Average Value > 3: Strongly Agree
- 2 < Average Value <= 3: Agree
- 1 < Average Value <= : Somewhat agree
- Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Python for the use of Machine Learning and Data handling
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% employers want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% employers do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	The present curriculum is aligned with departmental mission	In all 5 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	Employability is given importance in curriculum design and development	
7	The curriculum allows multidisciplinary growth of students	
8	The Curriculum is well organized	
9	The curriculum focuses on design methodology, research and innovation	



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Department of Civil Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Civil Engineering

Stakeholders: Student

Sample Size: 60

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	70%	20%	5%	5%	3.55	Strongly Agree
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	65%	20%	10%	5%	3.45	Strongly Agree
3	How do you rate the relevance of the units in the syllabus relevant to the course?	80%	15%	5%		3.75	Strongly Agree
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	60%	15%	15%	10%	3.25	Strongly Agree
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	65%	20%	10%	5%	3.45	Strongly Agree
6	How do you rate the electives offered about Technological advancements?	70%	20%	10%		3.6	Strongly Agree
7	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	70%	15%	10%	5%	3.5	Strongly Agree
8	How do you rate the domain used for designing the experiments for the LAB components?	65%	25%	10%		3.55	Strongly Agree

9	How do you rate the experiments about the real-life Applications?	70%	20%	5%	5%	3.55	Strongly Agree
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Rating Details:

Average Value > 3: Strongly Agree
 2 < Average Value ≤ 3: Agree
 1 < Average Value ≤ 2: Somewhat agree
 Average Value ≤ 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	ETABS, Primavera, STAAD Pro, AutoCAD 3D, MS Project
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% students want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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. Hence, no action is required
4	If Yes Specify the content	
5	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	
7	How do you rate the relevance of the units in the syllabus relevant to the course?	
8	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	
9	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	
10	How do you rate the electives offered about Technological advancements?	
11	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	

12	How do you rate the domain used for designing the experiments for the LAB components?	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
13	How do you rate the experiments about the real-life Applications?	



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

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540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

Department of Civil Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2021-2022

Program Name: B. Tech in Civil Engineering

Stakeholders: Alumni

Sample Size: 40

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	Institute organizes various kind of activities for overall development of students	70%	20%	10%		3.6	Strongly Agree
2	Have you obtained sufficient technical knowledges both in theory and practical	50%	20%	20%	10%	3.1	Strongly Agree
3	How effective is the Curriculum in developing analytical and problem-solving skills	60%	20%	15%	5%	3.35	Strongly Agree
4	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	60%	20%	20%		3.4	Strongly Agree
5	The curriculum facilitates in acquiring the learning outcomes of the program of study	60%	20%	15%	5%	3.35	Strongly Agree
6	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	60%	15%	15%	10%	3.25	Strongly Agree
7	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	60%	20%	10%	10%	3.3	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree
2 < Average Value <= 3: Agree
1 < Average Value <= : Somewhat agree

Average Value ≤ 1 : Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	ETABS, MS Project, AutoCAD 3D, STAAD Pro
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% alumni want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% alumni do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	Institute organizes various kind of activities for overall development of students	In all 7 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required
6	Have you obtained sufficient technical knowledges both in theory and practical	
7	How effective is the Curriculum in developing analytical and problem-solving skills	
8	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	
9	The curriculum facilitates in acquiring the learning outcomes of the program of study	
10	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	
11	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	



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Department of Civil Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Civil Engineering

Stakeholders: Faculty Members

Sample Size: 10

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the relevance of the courses in the program?	70%	20%	10%		3.6	Strongly Agree
2	How do you rate the competence of the courses related to the industry that are included in the program?	60%	20%	20%		3.4	Strongly Agree
3	How do you rate the sequence of the units in the syllabus?	50%	10%	30%	10%	3	Agree
4	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?	70%	20%	10%		3.6	Strongly Agree
5	How do you rate the offering of the electives about technological advancements?	60%	20%	10%	10%	3.3	Strongly Agree
6	How do you rate the courses which are skills related to the industry included in the programs?	70%	20%	10%		3.6	Strongly Agree
7	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?	60%	20%	10%	10%	3.3	Strongly Agree
8	How do you rate the experiments in terms of their relevance to the real-life application?	70%	20%	10%		3.6	Strongly Agree
9	Rate the courses in terms of extra learning of self-learning considering the design of the courses.	80%	10%	10%		3.7	Strongly Agree
10	Rate the offering of the courses about the specialization streams.	60%	10%	20%	10%	3.2	Strongly Agree

11	Options for choosing electives are adequate.	60%	20%	20%		3.4	Strongly Agree
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Rating Details:

Average Value > 3: Strongly Agree
 2 < Average Value <= 3: Agree
 1 < Average Value <= 2: Somewhat agree
 Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	ETABS, MAX 3DS, Primavera, AutoCAD 3D, STAAD Pro
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% faculty members want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses suggested by students has been included as VAC.
2	If Yes Specify the content	
3	Is it needed to delete any content on curriculum?	
4	If Yes Specify the content	
5	How do you rate the relevance of the courses in the program?	100% faculty members do not want to delete any course from the curriculum. Hence, no action is required
6	How do you rate the competence of the courses related to the industry that are included in the program?	
7	How do you rate the sequence of the units in the syllabus?	
8	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?	
9	How do you rate the offering of the electives about technological advancements?	
10	How do you rate the courses which are skills related to the industry included in the programs?	
11	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?	
		In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.

12	How do you rate the experiments in terms of their relevance to the real-life application?	
13	Rate the courses in terms of extra learning of self-learning considering the design of the courses	
14	Rate the offering of the courses about the specialization streams	
15	Options for choosing electives are adequate	



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Department of Civil Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Civil Engineering

Stakeholders: Employer

Sample Size: 10

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	The present curriculum is aligned with departmental mission	60%	20%	20%		3.4	Agree
2	Employability is given importance in curriculum design and development	60%	20%	20%		3.4	Strongly Agree
3	The curriculum allows multidisciplinary growth of students	40%	20%	20%	20%	2.8	Agree
4	The Curriculum is well organized	50%	20%	20%	10%	3.1	Strongly Agree
5	The curriculum focuses on design methodology, research and innovation	40%	20%	20%	20%	2.8	Agree

Rating Details:

Average Value > 3: Strongly Agree
2 < Average Value ≤ 3: Agree
1 < Average Value ≤ 2: Somewhat agree
Average Value ≤ 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	ETABS, Primavera, Bluebeam, ArcGIS and AutoCAD 3D
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% employers want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% employers do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	The present curriculum is aligned with departmental mission	In all 5 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	Employability is given importance in curriculum design and development	
7	The curriculum allows multidisciplinary growth of students	
8	The Curriculum is well organized	
9	The curriculum focuses on design methodology, research and innovation	



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Department of Computer Science and Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Computer Science and Engineering

Stakeholders: Student

Sample Size: 60

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	60%	20%	10%	10%	3.4	Strongly Agree
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	60%	20%	10%	10%	3.3	Strongly Agree
3	How do you rate the relevance of the units in the syllabus relevant to the course?	70%	20%	10%		3.76	Strongly Agree
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	60%	20%	10%	10%	3.55	Strongly Agree
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	70%	10%	10%	10%	3.49	Strongly Agree
6	How do you rate the electives offered about Technological advancements?	70%	20%	10%		3.44	Strongly Agree
7	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	60%	20%	10%	10%	3.6	Strongly Agree
8	How do you rate the domain used for designing the experiments for the LAB components?	60%	20%	10%	10%	3.8	Strongly Agree
9	How do you rate the experiments about the real-life Applications?	70%	10%	10%	10%	3.6	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree

2 < Average Value <= 3: Agree

1 < Average Value <= : Somewhat agree

Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Programming languages like JAVA and Python. More S/W tools like Hadoop etc. should be incorporated.
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% students want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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. Hence, no action is required	
4	If Yes Specify the content		
5	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.	
6	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?		
7	How do you rate the relevance of the units in the syllabus relevant to the course?		
8	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?		
9	How do you rate the offering of the electives in terms of their relevance to the specialization streams?		
10	How do you rate the electives offered about Technological advancements?		
11	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?		
12	How do you rate the domain used for designing the experiments for the LAB components?		In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
13	How do you rate the experiments about the real-life Applications?		



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Department of Computer Science and Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Computer Science and Engineering

Stakeholders: Alumni

Sample Size: 20

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	Institute organizes various kind of activities for overall development of students	70%	20%	10%		3.45	Strongly Agree
2	Have you obtained sufficient technical knowledges both in theory and practical	60%	20%	20%		3.2	Agree
3	How effective is the Curriculum in developing analytical and problem-solving skills	50%	10%	30%	10%	3.3	Strongly Agree
4	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	70%	20%	10%		3.5	Strongly Agree
5	The curriculum facilitates in acquiring the learning outcomes of the program of study	60%	20%	10%	10%	3.39	Strongly Agree
6	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	70%	20%	10%		3.25	Strongly Agree
7	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	60%	20%	10%	10%	3.38	Strongly Agree

Rating Details:

- Average Value > 3: Strongly Agree
- 2 < Average Value <= 3: Agree
- 1 < Average Value <= : Somewhat agree
- Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	More latest programming environment and modern software tools/concepts like AI, Machine Learning, Data Science etc. should be learned.
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% alumni want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% alumni do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	Institute organizes various kind of activities for overall development of students	In all 7 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required
6	Have you obtained sufficient technical knowledges both in theory and practical	
7	How effective is the Curriculum in developing analytical and problem-solving skills	
8	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	
9	The curriculum facilitates in acquiring the learning outcomes of the program of study	
10	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	
11	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	



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Department of Computer Science and Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Computer Science and Engineering

Stakeholders: Faculty Members

Sample Size: 22

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the relevance of the courses in the program?	60%	20%	20%	0%	3.64	Strongly Agree
2	How do you rate the competence of the courses related to the industry that are included in the program?	60%	20%	10%	10%	3.46	Strongly Agree
3	How do you rate the sequence of the units in the syllabus?	60%	30%	10%	0%	3.22	Agree
4	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?	50%	20%	20%	10%	3.6	Strongly Agree
5	How do you rate the offering of the electives about technological advancements?	60%	20%	20%	0%	3.35	Strongly Agree
6	How do you rate the courses which are skills related to the industry included in the programs?	60%	30%	10%	0%	3.6	Strongly Agree
7	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?	60%	20%	20%	0%	3.4	Strongly Agree
8	How do you rate the experiments in terms of their relevance to the real-life application?	60%	20%	10%	10%	3.6	Strongly Agree
9	Rate the courses in terms of extra learning of self-learning considering the design of the courses.	60%	30%	10%	0%	3.75	Strongly Agree
10	Rate the offering of the courses about the specialization streams.	50%	20%	20%	10%	3.26	Strongly Agree
11	Options for choosing electives are adequate.	60%	20%	20%	0%	3.4	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree

2 < Average Value <= 3: Agree

1 < Average Value <= : Somewhat agree
 Average Value <= 1 : Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Latest programming environments e.g. Python programming should be learned in details
2	Is it needed to delete any content on curriculum?	0%	100%	NA

Table 3: Action Taken based on Table 1 and Table 2

SI No.	Feedback Parameters	Action Taken	
1	Is it needed to add any content on curriculum?	It is found that 20% faculty members want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% faculty members do not want to delete any course from the curriculum. Hence, no action is required	
4	If Yes Specify the content		
5	How do you rate the relevance of the courses in the program?	In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.	
6	How do you rate the competence of the courses related to the industry that are included in the program?		
7	How do you rate the sequence of the units in the syllabus?		
8	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?		
9	How do you rate the offering of the electives about technological advancements?		
10	How do you rate the courses which are skills related to the industry included in the programs?		
11	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?		
12	How do you rate the experiments in terms of their relevance to the real-life application?		In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
13	Rate the courses in terms of extra learning of self-learning considering the design of the courses		
14	Rate the offering of the courses about the specialization streams		
15	Options for choosing electives are adequate		



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Department of Computer Science and Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Computer Science and Engineering

Stakeholders: Employer

Sample Size: 10

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	The present curriculum is aligned with departmental mission	60%	15%	15%	10%	3.01	Strongly Agree
2	Employability is given importance in curriculum design and development	65%	20%	10%	5%	3.5	Strongly Agree
3	The curriculum allows multidisciplinary growth of students	70%	20%	10%		3	Strongly Agree
4	The Curriculum is well organized	70%	15%	10%	5%	3.4	Strongly Agree
5	The curriculum focuses on design methodology, research and innovation	65%	25%	10%		3.3	Strongly Agree

Rating Details:

- Average Value > 3: Strongly Agree
- 2 < Average Value <= 3: Agree
- 1 < Average Value <= 2: Somewhat agree
- Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Artificial Intelligence using for the use of Machine Learning should be learned for data analysis
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% employers want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% employers do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	The present curriculum is aligned with departmental mission	In all 5 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	Employability is given importance in curriculum design and development	
7	The curriculum allows multidisciplinary growth of students	
8	The Curriculum is well organized	
9	The curriculum focuses on design methodology, research and innovation	



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Department of Mechanical Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Mechanical Engineering

Stakeholders: Student

Sample Size: 50

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	70%	10%	20%		3.4	Strongly Agree
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	60%	20%	15%	15%	3.3	Strongly Agree
3	How do you rate the relevance of the units in the syllabus relevant to the course?	72%	10%	10%	8%	3.76	Strongly Agree
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	70%	15%	10%	5%	3.55	Strongly Agree
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	68%	20%	5%	7%	3.49	Strongly Agree
6	How do you rate the electives offered about Technological advancements?	72%	10%	8%	10%	3.44	Strongly Agree
7	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	80%	20%			3.6	Strongly Agree
8	How do you rate the domain used for designing the experiments for the LAB components?	70%	20%	10%		3.8	Strongly Agree
9	How do you rate the experiments about the real-life Applications?	70%	20%	5%	5%	3.6	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree

2 < Average Value <= 3: Agree

1 < Average Value <= : Somewhat agree

Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Thermal Analysis software, CONSOL and FEM
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% students want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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. Hence, no action is required
4	If Yes Specify the content	
5	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?	
7	How do you rate the relevance of the units in the syllabus relevant to the course?	
8	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?	
9	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	
10	How do you rate the electives offered about Technological advancements?	
11	How do you rate the relevance of the textbooks and reference books by their international recognition to the courses?	
12	How do you rate the domain used for designing the experiments for the LAB components?	
13	How do you rate the experiments about the real-life Applications?	



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540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

Department of Mechanical Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Mechanical Engineering

Stakeholders: Alumni

Sample Size: 55

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	Institute organizes various kind of activities for overall development of students	65%	20%	10%	5%	3.45	Strongly Agree
2	Have you obtained sufficient technical knowledges both in theory and practical	55%	20%	15%	10%	3.2	Agree
3	How effective is the Curriculum in developing analytical and problem-solving skills	60%	20%	10%	10%	3.3	Strongly Agree
4	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	65%	20%	15%		3.5	Strongly Agree
5	The curriculum facilitates in acquiring the learning outcomes of the program of study	63%	20%	10%	7%	3.39	Strongly Agree
6	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	60%	15%	15%	10%	3.25	Strongly Agree
7	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	64%	20%	6%	10%	3.38	Strongly Agree

Rating Details:

- Average Value > 3: Strongly Agree
- 2 < Average Value <= 3: Agree
- 1 < Average Value <= 2: Somewhat agree
- Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Introduction of Optimization technique like FUZZY, ANT COLONY, GREY ANALYSIS etc
2	Is it needed to delete any content on curriculum?	0%	100%	NA

Table 3: Action Taken based on Table 1 and Table 2

SI No.	Feedback Parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that 20% alumni want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% alumni do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	Institute organizes various kind of activities for overall development of students	In all 7 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required
6	Have you obtained sufficient technical knowledges both in theory and practical	
7	How effective is the Curriculum in developing analytical and problem-solving skills	
8	Is the curriculum facilitating enhancement of practical competencies as needed by the industry?	
9	The curriculum facilitates in acquiring the learning outcomes of the program of study	
10	Rate the scope of the syllabus in enhancing entrepreneurship skills/ lifelong learning/ human values and ethics	
11	The program emphasizes a methodical approach to design, rigorous research methodologies, and encouraging new thinking	



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Department of Mechanical Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Mechanical Engineering

Stakeholders: Faculty Members

Sample Size: 9

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	How do you rate the relevance of the courses in the program?	80%	20%			3.64	Strongly Agree
2	How do you rate the competence of the courses related to the industry that are included in the program?	73%	20%	7%		3.46	Strongly Agree
3	How do you rate the sequence of the units in the syllabus?	52%	28%	10%	10%	3.22	Agree
4	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?	70%	20%	10%		3.6	Strongly Agree
5	How do you rate the offering of the electives about technological advancements?	65%	15%	10%	10%	3.35	Strongly Agree
6	How do you rate the courses which are skills related to the industry included in the programs?	70%	20%		10%	3.6	Strongly Agree
7	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?	65%	20%	5%	10%	3.4	Strongly Agree
8	How do you rate the experiments in terms of their relevance to the real-life application?	70%	20%	10%		3.6	Strongly Agree
9	Rate the courses in terms of extra learning of self-learning considering the design of the courses.	80%	15%	5%		3.75	Strongly Agree
10	Rate the offering of the courses about the specialization streams.	73%	10%	7%	10%	3.26	Strongly Agree
11	Options for choosing electives are adequate.	60%	20%	5%	15%	3.4	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree

2 < Average Value <= 3: Agree

1<Average Value<=: Somewhat agree
Average Value<=1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Handon VLSI technology, HFSS simulation, Python programming
2	Is it needed to delete any content on curriculum?	0%	100%	NA

Table 3: Action Taken based on Table 1 and Table 2

SI No.	Feedback Parameters	Action Taken	
1	Is it needed to add any content on curriculum?	It is found that 20% faculty members want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% faculty members do not want to delete any course from the curriculum. Hence, no action is required	
4	If Yes Specify the content		
5	How do you rate the relevance of the courses in the program?	In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.	
6	How do you rate the competence of the courses related to the industry that are included in the program?		
7	How do you rate the sequence of the units in the syllabus?		
8	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?		
9	How do you rate the offering of the electives about technological advancements?		
10	How do you rate the courses which are skills related to the industry included in the programs?		
11	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the industry?		
12	How do you rate the experiments in terms of their relevance to the real-life application?		In all 11 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
13	Rate the courses in terms of extra learning of self-learning considering the design of the courses		
14	Rate the offering of the courses about the specialization streams		
15	Options for choosing electives are adequate		



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Department of Mechanical Engineering

Action Taken Report of Feedback Analysis on Curriculum Academic Year - 2020-2021

Program Name: B. Tech in Mechanical Engineering

Stakeholders: Employer

Sample Size: 8

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	The present curriculum is aligned with departmental mission	45%	20%	15%	15%	3.01	Strongly Agree
2	Employability is given importance in curriculum design and development	65%	20%	10%	5%	3.5	Strongly Agree
3	The curriculum allows multidisciplinary growth of students	60%	15%	20%	5%	3	Strongly Agree
4	The Curriculum is well organized	70%	30%			3.4	Strongly Agree
5	The curriculum focuses on design methodology, research and innovation	45%	20%	15%	20%	3.3	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree
2 < Average Value <= 3: Agree
1 < Average Value <= 2: Somewhat agree
Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Implementation of additive manufacturing system
2	Is it needed to delete any content on curriculum?	0%	100%	NA

Table 3: Action Taken based on Table 1 and Table 2

SI No.	Feedback Parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that 20% employers want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% employers do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	
5	The present curriculum is aligned with departmental mission	In all 5 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
6	Employability is given importance in curriculum design and development	
7	The curriculum allows multidisciplinary growth of students	
8	The Curriculum is well organized	
9	The curriculum focuses on design methodology, research and innovation	



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Department of Electrical Engineering

Action Taken Report on Feedback Analysis on Curriculum Academic Year – 2020-2021

Program Name: B. Tech in Electrical Engineering

Stake Holder: Student

Sample Size: 60

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
Q1	The present curriculum is aligned with the departmental mission.	70%	15%	7%	8%	3.47	Strongly agree
Q2	Employability is given importance in curriculum design and development.	70%	10%	10%	10%	3.4	Strongly agree
Q3	Faculty members are prepared and qualified to teach the curriculum	80%	15%	2%		3.69	Strongly agree
Q4	The curriculum developed to prepare students for competitive exams like GATE	65%	20%	10%	5%	3.45	Strongly agree
Q5	The curriculum satisfies students need	70%	20%	10%		3.6	Strongly agree
Q6	Options for choosing electives are adequate	75%	15%	5%	5%	3.6	Strongly agree
Q7	The curriculum allows multidisciplinary growth of students	65%	10%	15%	10%	3.3	Strongly agree
Q8	The curriculum is well organized	65%	20%	15%		3.5	Strongly agree
Q9	The curriculum focuses on design methodology, research and innovation.	75%	15%	8%	2%	3.63	Strongly agree



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Rating Details:

Average Value > 3: Strongly Agree
 2 < Average Value <= 3: Agree
 1 < Average Value <= : Somewhat agree
 Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	15%	85%	Drone technology, Application of renewable engineering laboratory, PLC SCADA
2	Is it needed to delete any content on curriculum?	5%	95%	Object oriented programming is adjusted with PYTHON subject

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% students want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses suggested by students has been included as VAC.
2	If Yes Specify the content	
3	Is it needed to delete any content on curriculum?	95% students do not want to delete any course from the curriculum. 5% student wants to delete the subject so we adjusted with a new subject.
4	If Yes Specify the content	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
5	The present curriculum is aligned with departmental mission	



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6	Employability is given importance in curriculum design and development	
7	Faculty members are 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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Department of Electrical Engineering

Action Taken Report on Feedback Analysis on Curriculum
Academic Year – 2020-2021

Program Name: B. Tech in Electrical Engineering

Stake Holder: Alumni

Sample Size: 50

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	The present curriculum is aligned with departmental mission	80%	15%	5%		3.75	Strongly Agree
2	The curriculum developed to prepare students for competitive exams like GATE	55%	15%	15%	15%	3.1	Strongly Agree
3	The curriculum satisfies students need	65%	15%	15%	5%	3.4	Strongly Agree
4	Employability is given importance in curriculum design and development.	70%	15%	15%		3.55	Strongly Agree
5	Options for choosing electives are adequate	70%	10%	15%	5%	3.45	Strongly Agree
6	The curriculum allows multidisciplinary growth of students	65%	15%	15%	5%	3.4	Strongly Agree
7	The curriculum focuses on design methodology, research and innovation	70%	20%	5%	5%	3.55	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree
2 < Average Value <= 3: Agree
1 < Average Value <= : Somewhat agree



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Average Value \leq 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Drone technology, Application of renewable engineering laboratory, PLC SCADA
2	Is it needed to delete any content on curriculum?	0%	100%	

Table 3: Action Taken based on Table 1 and Table 2

SI No.	Feedback Parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that 20% Alumni want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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. No action Required
4	If Yes Specify the content	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
5	The present curriculum is aligned with departmental mission	
6	Employability is given importance in curriculum design and development	
7	Faculty members are prepared and qualified to teach the curriculum	
8	The curriculum developed to prepare students for competitive exams like GATE	



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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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Department of Electrical Engineering

Action Taken Report on Feedback Analysis on Curriculum Academic Year – 2020-2021

Program Name: B. Tech in Electrical Engineering

Stake Holder: Faculty

Sample Size: 10

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	The present curriculum is aligned with departmental mission	80%	20%			3.8	Strongly Agree
2	Employability is given importance in curriculum design and development.	65%	10%	15%	10%	3.3	Strongly Agree
3	The curriculum developed to prepare students for competitive exams like GATE	70%	20%	10%		3.6	Agree
4	The curriculum satisfies students need	70%	15%	15%		3.55	Strongly Agree
5	The curriculum allows multidisciplinary growth of students	65%	20%	15%		3.5	Strongly Agree
6	The curriculum is well organized	60%	20%	10%	10%	3.3	Strongly Agree
7	The curriculum focuses on design methodology, research and innovation.	70%	20%	10%		3.6	Strongly Agree
8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	70%	20%	10%		3.6	Strongly Agree



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9	The system followed by the department for the design and development of curriculum is effective.	80%	10%	10%		3.7	Strongly Agree
10	The curriculum has been updated from time to time.	60%	10%	20%	10%	3.2	Strongly Agree
11	Options for choosing electives are adequate	60%	20%	20%		3.4	Strongly Agree

Rating Details:

Average Value > 3: Strongly Agree
 2 < Average Value <= 3: Agree
 1 < Average Value <= 2: Somewhat agree
 Average Value <= 1: Disagree

Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	15%	85%	Drone technology, Application of renewable engineering laboratory, PLC SCADA
2	Is it needed to delete any content on curriculum?	0%	100%	

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% faculty want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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. No action Required



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4	If Yes Specify the content	<p>In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.</p>
5	The present curriculum is aligned with departmental mission	
6	Employability is given importance in curriculum design and development	
7	Faculty members are 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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Department of Electrical Engineering

Action Taken Report on Feedback Analysis on Curriculum Academic Year – 2020-2021

Program Name: B. Tech in Electrical Engineering

Stake Holder: Employer

Sample Size: 05

Table 1: Response Summary

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Average	Rating
1	The present curriculum is aligned with departmental mission	40%	20%	20%	20%	2.8	Agree
2	Employability is given importance in curriculum design and development	60%	20%	20%		3.4	Strongly Agree
3	The curriculum allows multidisciplinary growth of students	40%	20%	20%	20%	2.8	Agree
4	The Curriculum is well organized	60%	20%	20%		3.4	Strongly Agree
5	The curriculum focuses on design methodology, research and innovation	40%	20%	20%	20%	2.8	Agree

Rating Details:

- Average Value > 3: Strongly Agree
- 2 < Average Value <= 3: Agree
- 1 < Average Value <= 2: Somewhat agree
- Average Value <= 1: Disagree



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Table 2: Suggestions

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?	20%	80%	Ansys Software, Renewable engineering laboratory
2	Is it needed to delete any content on curriculum?	0%	100%	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 20% employers want to add new contents with the Existing Curriculum. This was discussed and approved by DAC meeting held on 05/08/2020 for ODD semester and 07/01/2021 for EVEN semester and accordingly some of the courses 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% employers do not want to delete any course from the curriculum. Hence, no action is required
4	If Yes Specify the content	In all 9 parameters, the rating "Strongly Agree" received an average of greater than 3 out of a maximum 4. Therefore, no action is required.
5	The present curriculum is aligned with departmental mission	
6	Employability is given importance in curriculum design and development	
7	Faculty members are 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	



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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	