



Guru Nanak Institute of Technology (An Autonomous Institute) 157/F Nilgunj Road, Panihati 24 Parganas (N), Kolkata-700114

Curriculum Feedback Analysis and Action Taken Report

Academic Year - 2019 -20

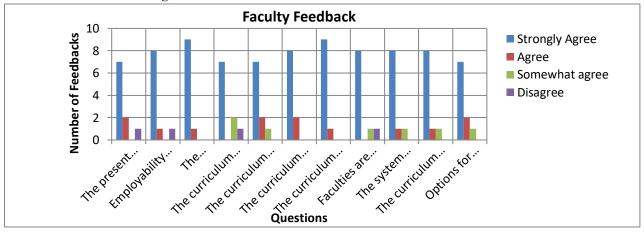
Stakeholders play an important role in curriculum development to cater with present need of society. The survey has conducted among the various stakeholders (faculty & staff members of the department, alumni and employers). The agreement rating regarding curriculum development with some specific questions for different stakeholders is listed in the table below. Based on stakeholder's feedback DC committee prepared a draft curriculum and placed to BOS. The BOS finalizes the curriculum thereafter. The feedback result is analyzed as follows.

1. Faculty Feedback form

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	7	2	0	1
Q2	Employability is given importance in curriculum design and development.	8	1	0	1
Q3	The curriculum developed to prepare students for competitive exams like GATE	9	1	0	0
Q4	The curriculum satisfies all stakeholder's need	7	0	2	1
Q5	The curriculum allows multidisciplinary growth of students	7	2	1	0
Q6	The curriculum is well organized	8	2	0	0
Q7	The curriculum focuses on design methodology, research and innovation.	9	1	0	0
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	8	0	1	1
Q9	The system followed by the department for the design and development of curriculum is effective.	8	1	1	0
Q10	The curriculum has been updated from time to time.	8	1	1	0
Q11	Options for choosing electives are adequate	7	2	1	0

Faculty Feedback Summary

Total 10 faculties have given feedback.

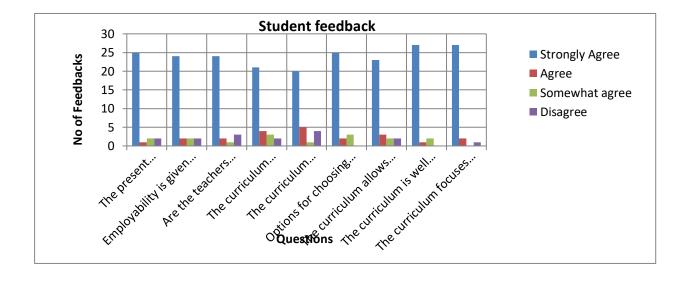


2. Student Feedback form:

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	25	1	2	2
Q2	Employability is given importance in curriculum design and development.	24	2	2	2
Q3	Are the teachers prepared and qualified to teach the curriculum	24	2	1	3
Q4	The curriculum developed to prepare students for competitive exams like GATE	21	4	3	2
Q5	The curriculum satisfies students need	20	5	1	4
Q6	Options for choosing electives are adequate	25	2	3	0
Q7	The curriculum allows multidisciplinary growth of students	23	3	2	2
Q8	The curriculum is well organized	27	1	2	0
Q9	The curriculum focuses on design methodology, research and innovation.	27	2	0	1

Student Feedback Summary:

Total 30 students have given feedback.

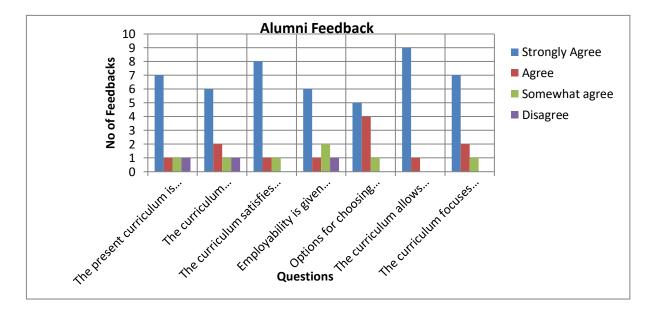


3. Alumni Feedback Form

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	7	1	1	1
Q2	The curriculum developed to prepare students for competitive exams like GATE	6	2	1	1
Q3	The curriculum satisfies all stakeholder's need	8	1	1	0
Q4	Employability is given importance in curriculum design and development.	6	1	2	1
Q5	Options for choosing electives are adequate	5	4	1	0
Q6	The curriculum allows multidisciplinary growth of students	9	1	0	0
Q7	The curriculum focuses on design methodology, research and innovation.	7	2	1	0

Alumni Feedback Summary

Total 10 alumni members have given feedback.

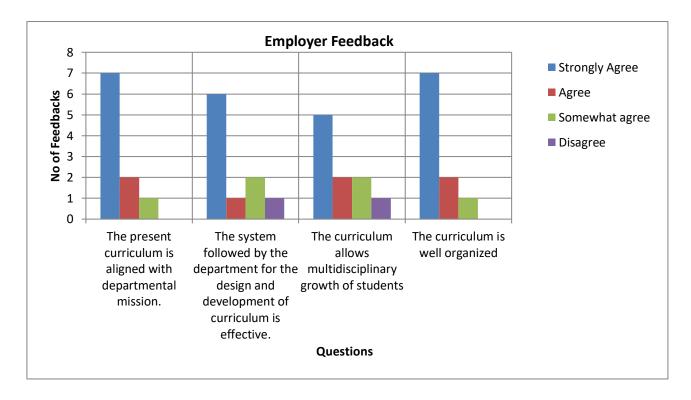


4. Employer's Feedback Form

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	7	2	1	0
Q2	The system followed by the department for the design and development of curriculum is effective.	6	1	2	1
Q3	The curriculum allows multidisciplinary growth of students	5	2	2	1
Q4	The curriculum is well organized	7	2	1	0

Employer's Feedback Summary

Total 10 Employers given feedback.



ACTION TAKEN REPORT

The remarks given by the stack holders have been noted and will be included as much as possible in the next revise curriculum & syllabus like inclusion of programming related subjects like Python & Machine Learning, subject relating to current industry trend.





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ALUMNI FEEDBACK FORM 2020-19

(For establishment of Autonomy Curriculum)

Name: DEBANGANA DAS	Phone No. 8902649574
Qualification, Branch: B. Tech, EIE	E – mail ID: debanganadas4@gmail.com
Present Employer & Designation: Post Graduate Scholar at JU	Total Experience: -

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- a) **Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- b) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) **Design/ Development of Solutions**: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- d) **Conduct investigations of complex problems** using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
- e) **Modern Tool Usage**: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- f) **The Engineer and Society**: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- g) **Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental

- contexts and demonstrate knowledge of and need for sustainable development.
- h) **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) **Individual and Team Work**: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- j) **Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- k) **Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- l) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

Alumni Feedback Form

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	✓			
Q2	The curriculum developed to prepare students for competitive exams like GATE	✓			
Q3	The curriculum satisfies all stakeholder's need	✓			
Q4	Employability is given importance in curriculum design and development.	✓			
Q5	Options for choosing electives are adequate				
Q6	The curriculum allows multidisciplinary growth of students	✓			
Q7	The curriculum focuses on design methodology, research and innovation.	✓			

Remarks (if any): Some Hands-on projects can be included in the syllabus.





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ALUMNI FEEDBACK FORM 2020-19

(For establishment of Autonomy Curriculum)

Name: Ankur Mondal	Phone No. 8981221011
Qualification, Branch: B.Tech, EIE	E – mail ID:mondal.ankur@gmail.com
Present Employer & Designation: Eastman Crusher Co. Pvt. Ltd, Trainee	Total Experience: 2 years

Programme Educational Objectives (PEOs)

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Q1	The present curriculum is aligned with departmental mission.	✓			
Q2	The curriculum developed to prepare students for competitive exams like GATE	✓			
Q3	The curriculum satisfies all stakeholder's need	√			
Q4	Employability is given importance in curriculum design and development.	✓			
Q5	Options for choosing electives are adequate	✓			
Q6	The curriculum allows multidisciplinary growth of students	✓			
Q7	The curriculum focuses on design methodology, research and innovation.	✓			

Remarks (if any): Along with other subjects, Technical Skill Development classes are also need to be included in the syllabus.





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(For establishment of Autonomy Curriculum)

Name: BIKASH DUTTA	Phone No. 9339435014
Qualification, Branch: B. Tech, EIE	E – mail ID: bikashduttarox@gmail.com
Present Employer & Designation: Tech Mahindra, ASE	Total Experience: 2 years

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Q1	The present curriculum is aligned with departmental mission.		✓		
Q2	The curriculum developed to prepare students for competitive exams like GATE	✓			
Q3	The curriculum satisfies all stakeholder's need	\checkmark			
Q4	Employability is given importance in curriculum design and development.	✓			
Q5	Options for choosing electives are adequate		✓		
Q6	The curriculum allows multidisciplinary growth of students	✓			
Q7	The curriculum focuses on design methodology, research and innovation.	✓			

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Name: Somnath Chakraborty	Phone No. 8981659484
Qualification, Branch: B.Tech, EIE	E – mail ID: somchakraborty82@gmail.com
Present Employer & Designation: Eastman Crusher Co. Pvt. Ltd, Trainee	Total Experience: 2years

Programme Educational Objectives (PEOs)

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Q1	departmental mission.	✓			
	The curriculum developed to prepare students for				
Q2	competitive exams like GATE		✓		
Q3	The curriculum satisfies all stakeholder's need	√			
	Employability is given importance in curriculum				
Q4	design and development.	✓			
Q5	Options for choosing electives are adequate		✓		
	The curriculum allows multidisciplinary growth of				
Q6	students	✓			
	The curriculum focuses on design methodology,				
Q7	research and innovation.			✓	

Remarks (if any): Some Hands-on projects can be included in the syllabus.





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ALUMNI FEEDBACK FORM 2020-19

(For establishment of Autonomy Curriculum)

Name: SOUMOJIT SHARKHEL	Phone No. 8981199751		
Qualification, Branch: B.Tech, EIE	E – mail ID: soumojit12345@gmail.com		
Present Employer & Designation: Tech Mahindra, ASE	Total Experience: 2 years		

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01	The present curriculum is aligned with				
Q1	departmental mission.	✓			
	The curriculum developed to prepare students for				
Q2	competitive exams like GATE	✓			
Q3	The curriculum satisfies all stakeholder's need	✓			
	Employability is given importance in curriculum				
Q4	design and development.	✓			
Q5	Options for choosing electives are adequate			<u> </u>	
0	The curriculum allows multidisciplinary growth of				
Q6	students		✓		
	The curriculum focuses on design methodology,				
Q7	research and innovation.	✓			

Remarks (if any): Technical Skill Development classes are very much helpful and are better to be included in the syllabus.





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Employer FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name of the Empl	loyer: Tata Consultancy Services	Phone No.8017239825			
Field of Work: maintenance	Software Development and	E – mail ID: just.panchali@gmail.com			

Programme Educational Objectives (PEOs)

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Remarks (if any): Elective subjects are to be categorized as Professional

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
	The present curriculum is aligned with				
Q1	departmental mission.	✓			
	The system followed by the department for the				
Q2	design and development of curriculum is effective.		✓		
	The curriculum allows multidisciplinary growth of				
Q3	students	✓			
Q4	The curriculum is well organized	✓			

Electives, Open Electives, General electives, like this, then it will be easier fr students to understand.



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Employer FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name of the Employer: Tech Mahindra		Phone No. 9339435014				
Field of Work: Maintenance	Software Development and	E – mail ID: bikashduttarox@gmail.com				

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
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Q3	students	✓			
$\overline{\mathrm{Q4}}$	The curriculum is well organized	✓			

Remarks (if any):



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Employer FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name of the Employer: Eastman Crusher Co. Pvt Ltd	Phone No. 9903337649
Field of Work: Automation	E – mail ID: cni@eastmancrusher.com

Programme Educational Objectives (PEOs)

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- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
	The present curriculum is aligned with				
Q1	departmental mission.	✓			
	The system followed by the department for the				
Q2	design and development of curriculum is effective.	✓			
	The curriculum allows multidisciplinary growth of				
Q3	students		✓		
Q4	The curriculum is well organized	✓			

Remarks (if any): Technical Skill Development classes are to be included in the syllabus.





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Employer FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name of the Emplo	yer: Ultratech Pvt. Ltd.	Phone No. 9831206386
Field of Work: and maintenance	Embedded System Design	E – mail ID: shantanu.ultratech@gmail.com

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- b) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- **d) Conduct investigations of complex problems** using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
- **e) Modern Tool Usage**: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- f) The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
	The present curriculum is aligned with				
Q1	departmental mission.	✓			
	The system followed by the department for the				
Q2	design and development of curriculum is effective.	✓			
	The curriculum allows multidisciplinary growth of				
Q3	students	✓			
Q4	The curriculum is well organized	✓			

Remarks (if any):





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FACULTY FEEDBACK FORM 2020-19

(For establishment of Autonomy Curriculum)

Name: Mrs Bapita Roy	Phone No.9231893138
Qualification, Branch: M. Tech, AEIE	E – mail ID: bapita.roy@gnit.ac.in
Present Employer & Designation: GNIT, Assistant professor	Total Experience: 12 years

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **b) Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- **d) Conduct investigations of complex problems** using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
- e) Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an under- standing of the limitations.
- **f) The Engineer and Society**: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	✓			
Q2	Employability is given importance in curriculum design and development.	✓			
Q3	The curriculum developed to prepare students for competitive exams like GATE	✓			
Q4	The curriculum satisfies all stakeholder's need	\checkmark			
Q5	The curriculum allows multidisciplinary growth of students	✓			
Q6	The curriculum is well organized	\checkmark			
Q7	The curriculum focuses on design methodology, research and innovation.	✓			
Q 8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	\checkmark			
Q 9	The system followed by the department for the design and development of curriculum is effective.	✓			
Q10	The curriculum has been updated from time to time.		✓		
Q11	Options for choosing electives are adequate		✓		





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FACULTY FEEDBACK FORM 2020-19

(For establishment of Autonomy Curriculum)

Name: Mrs Suparna Maity	Phone No. 9432970012
Qualification, Branch: M. Tech, AEIE	E – mail ID: suparna.banerjee@gnit.ac.in
Present Employer & Designation: GNIT, Assistant Professor	Total Experience: 13 years

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

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- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- **d) Conduct investigations of complex problems** using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
- e) Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an under- standing of the limitations.
- **f) The Engineer and Society**: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	✓			
Q2	Employability is given importance in curriculum design and development.	✓			
Q3	The curriculum developed to prepare students for competitive exams like GATE	✓			
Q4	The curriculum satisfies all stakeholder's need	✓			
Q5	The curriculum allows multidisciplinary growth of students	✓			
Q6	The curriculum is well organized	✓			
Q7	The curriculum focuses on design methodology, research and innovation.	✓			
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	✓			
Q9	The system followed by the department for the design and development of curriculum is effective.	✓			
Q10	The curriculum has been updated from time to time.	✓			
Q11	Options for choosing electives are adequate	✓			





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FACULTY FEEDBACK FORM (2020-19)

(For establishment of Autonomy Curriculum)

Name: Mrs. Santana Das	Phone No.9674985930
Qualification, Branch: M. Tech, AEIE	E – mail ID: santanakdas@rediffmail.com
Present Employer & Designation: GNIT, Assistant Professor	Total Experience: 10 years

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
 - **b) Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- **d)** Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
- **e) Modern Tool Usage**: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction

- and modeling to complex engineering activities with an understanding of the limitations.
- f) The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	✓			
Q2	Employability is given importance in curriculum design and development.	✓			
Q3	The curriculum developed to prepare students for competitive exams like GATE		✓		
Q4	The curriculum satisfies all stakeholder's need	✓			
Q5	The curriculum allows multidisciplinary growth of students	✓			
Q6	The curriculum is well organized	✓			
Q7	The curriculum focuses on design methodology, research and innovation.	✓			
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	✓			
Q9	The system followed by the department for the design and development of curriculum is effective.		✓		
Q10	The curriculum has been updated from time to time.	√			
Q11	Options for choosing electives are adequate	✓			



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FACULTY FEEDBACK FORM (2020-19)

(For establishment of Autonomy Curriculum)

Name: Mr. Adhish Kr. Chakraborty	Phone No. 9830723659
Qualification, Branch: M. Tech, AEIE	E – mail ID: adhish .chakraborty @gnit.ac.in
Present Employer & Designation: GNIT, Assistant Professor	Total Experience: 11 years

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **b) Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- **d)** Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
- **e) Modern Tool Usage**: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction

- and modeling to complex engineering activities with an understanding of the limitations.
- f) The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	√			
Q2	Employability is given importance in curriculum design and development.	✓			
Q3	The curriculum developed to prepare students for competitive exams like GATE	✓			
Q4	The curriculum satisfies all stakeholder's need			✓	
Q5	The curriculum allows multidisciplinary growth of students	✓			
Q6	The curriculum is well organized	✓			
Q7	The curriculum focuses on design methodology, research and innovation.	✓			
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	✓			
Q9	The system followed by the department for the design and development of curriculum is effective.	✓			
Q10	The curriculum has been updated from time to time.	√			
Q11	Options for choosing electives are adequate	✓			







FACULTY FEEDBACK FORM (2020-19)

(For establishment of Autonomy Curriculum)

Name: Mrs. Paramita Banerjee	Phone No.9903222889		
Qualification, Branch: M. Tech, AEIE	E – mail ID: paramita.banerjee @gnit.ac.in		
Present Employer & Designation: GNIT,	Total Experience: 14 years		
Present Employer & Designation: GNIT, Assistant Professor	Total Experience: 14 years		

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **b) Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- **d)** Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
- e) Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- f) The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	✓			
Q2	Employability is given importance in curriculum design and development.	✓			
Q 3	The curriculum developed to prepare students for competitive exams like GATE		✓		
Q4	The curriculum satisfies all stakeholder's need	✓			
Q5	The curriculum allows multidisciplinary growth of students	✓			
Q6	The curriculum is well organized	✓			
Q7	The curriculum focuses on design methodology, research and innovation.	✓			
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	✓			
Q 9	The system followed by the department for the design and development of curriculum is effective.		✓		
Q10	The curriculum has been updated from time to time.	✓			
Q11	Options for choosing electives are adequate	✓			



Guru Nanak Institute of Technology (An Autonomous Institute) 157/F Nilgunj Road, Panihati 24 Parganas (N), Kolkata-700114



STUDENT FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name: SHILPITA HAZRA	Phone No. 7596943051
Year, Branch: 4th year, 2013-17	E – mail ID: hshilpita@gmail.com
Present Employer & Designation: -	Total Experience: -

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **b) Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- **d) Conduct investigations of complex problems** using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.

- e) Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- f) The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
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- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
01	The present curriculum is aligned with				
Q1	departmental mission.	✓			
	Employability is given importance in curriculum				
Q2	design and development.	\checkmark			
	Are the teachers prepared and qualified to teach				
Q 3	the curriculum	✓			
_	The curriculum developed to prepare students for				
Q4	competitive exams like GATE		✓		
Q5	The curriculum satisfies students need		✓		
Q6	Options for choosing electives are adequate	✓			
	The curriculum allows multidisciplinary growth of				
Q7	students	✓			
Q 8	The curriculum is well organized	\checkmark			
	The curriculum focuses on design methodology,				
Q9	research and innovation.	✓			



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STUDENT FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name: SAYANI DEY	Phone No. 9875373576
Year, Branch: 3 rd , 2013-17	E – mail ID:email2sayanidey@gmail.com
Present Employer & Designation: -	Total Experience: -

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
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- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.]

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	✓			
Q2	Employability is given importance in curriculum design and development.	✓			
Q 3	Are the teachers prepared and qualified to teach the curriculum	✓			
Q4	The curriculum developed to prepare students for competitive exams like GATE	✓			
Q5	The curriculum satisfies students need	✓			
Q6	Options for choosing electives are adequate	✓			
Q7	The curriculum allows multidisciplinary growth of students	✓			
Q8	The curriculum is well organized	\checkmark			
Q9	The curriculum focuses on design methodology, research and innovation.	✓			



Guru Nanak Institute of Technology (An Autonomous Institute) 157/F Nilgunj Road, Panihati 24 Parganas (N), Kolkata-700114



STUDENT FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name: Md. Amir Mallick	Phone No. 7654401042
Year, Branch: 3 rd , 2013-17	E – mail ID:pd94.india@gmail.com
Present Employer & Designation: -	Total Experience: -

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
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- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.]

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with				
	departmental mission.	✓			
0.0	Employability is given importance in curriculum				
Q2	design and development.	✓			
0.0	Are the teachers prepared and qualified to teach				
Q3	the curriculum		✓		
	The curriculum developed to prepare students for				
Q4	competitive exams like GATE		✓		
Q5	The curriculum satisfies students need	\checkmark			
Q6	Options for choosing electives are adequate	✓			
0.5	The curriculum allows multidisciplinary growth of				
Q7	students	✓			
Q 8	The curriculum is well organized	\checkmark			
00	The curriculum focuses on design methodology,				
Q9	research and innovation.	✓			



Guru Nanak Institute of Technology (An Autonomous Institute) 157/F Nilgunj Road, Panihati 24 Parganas (N), Kolkata-700114



STUDENT FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name: Anindya Khutia	Phone No.9749381232
Year, Branch: 3rd year, 2013-17	E – mail ID:anindya0095@gmail.com
Present Employer & Designation: -	Total Experience: -

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multidisciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- b) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- **d)** Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
- e) Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and

- modeling to complex engineering activities with an under- standing of the limitations.
- f) The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 1) **Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
	The present curriculum is aligned with				
Q1	departmental mission.	✓			
	Employability is given importance in curriculum				
Q2	design and development.	✓			
	Are the teachers prepared and qualified to teach				
Q3	the curriculum	\checkmark			
The curriculum developed to prepare students for					
Q4	competitive exams like GATE	✓			
Q5	The curriculum satisfies students need	✓			
Q6 Options for choosing electives are adequate		✓			
	The curriculum allows multidisciplinary growth				
Q7	of students	✓			
Q8	The curriculum is well organized	√			
	The curriculum focuses on design methodology,				
Q9	research and innovation.	✓			



Guru Nanak Institute of Technology (An Autonomous Institute) 157/F Nilgunj Roard, Panihati 24 Parganas (N), Kolkata-700114



STUDENT FEEDBACK FORM

(2020-19) (For establishment of Autonomy Curriculum)

Name: Sonali Das	Phone No. 8583098704
Year, Branch: 3 rd , 2013-17	E – mail ID:rumadas1995@gmail.com
Present Employer & Designation: -	Total Experience: -

Programme Educational Objectives (PEOs)

- To develop the ability to apply knowledge of Mathematics, Science, Computing and basic engineering by including the ability to design, analyze and interpret data.
- To develop ability to use modern techniques, skills and engineering tools necessary in Food Technology in global and social context.
- To create the knowledge of professional and ethical responsibilities.
- To make the ability to communicate effectively to function in multi-disciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in lifelong learning.

- **a) Engineering Knowledge**: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **b) Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- c) Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
- d) Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments,

- analysis and interpretation of data and synthesis of information to provide valid conclusions.
- e) **Modern Tool Usage**: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an under-standing of the limitations.
- f) The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **g) Environment and Sustainability**: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **h) Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- i) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- **j) Communication**: Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **k) Project Management and Finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **1) Life-long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.]

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	✓			
Q2	Employability is given importance in curriculum design and development.	✓			
Q3	Are the teachers prepared and qualified to teach the curriculum	✓			
Q4	The curriculum developed to prepare students for competitive exams like GATE	✓			
Q5	The curriculum satisfies students need	√			
Q6	Options for choosing electives are adequate	✓			
Q7	The curriculum allows multidisciplinary growth of students		✓		
Q8	The curriculum is well organized	✓			
Q9	The curriculum focuses on design methodology, research and innovation.	✓			