



# Department of Food Technology

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114

**ALUMNI FEEDBACK FORM**

**2020-21**

**(For establishment of Autonomy Curriculum)**



<b>Name:</b> SUPARNA MUKHERJEE	<b>Phone No.:</b> 9748366949
<b>Qualification, Branch:</b> B.Tech. in Food Technology	<b>E – mail ID:</b> <a href="mailto:suparna.sonu96@gmail.com">suparna.sonu96@gmail.com</a>
<b>Present Employer &amp; Designation:</b> Taj Sats Air Catering Ltd.	<b>Total Experience:</b> 2 years <sup>√</sup>

## 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 life-long learning.

## Program Outcomes (POs)

- Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- 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.
- 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.
- 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.
- 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.
- 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 community 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):** The options of the elective subjects can be increased



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**2020-21**

**(For establishment of Autonomy Curriculum)**



<b>Name:</b> Amrita Seal	<b>Phone No.:</b> 9432093727
<b>Qualification, Branch:</b> B.Tech. in Food Technology	<b>E – mail ID:</b> <a href="mailto:amritaseal@ymail.com">amritaseal@ymail.com</a>
<b>Present Employer &amp; Designation:</b> Keventer Agro Ltd., Quality Control and Assurance Engineer	<b>Total Experience:</b> 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 multi-disciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

## Program Outcomes (POs)

- m) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- n) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- o) **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.
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- t) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- u) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- v) **Communication:** Communicate effectively on complex engineering activities with the engineering community 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.
- w) **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.
- x) **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 concepts of different IT tools and AI based subjects can be added to the curriculum.



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## ALUMNI FEEDBACK FORM

2020-21

(For establishment of Autonomy Curriculum)



Name: ANKITA BISHNU	Phone No. 9434659422
Qualification, Branch: B.Tech, Food Technology	E – mail ID: ankitabishnu03@gmail.com
Present Employer & Designation: Keventer Agro Ltd., QC trainee	Total Experience: 1 year

### 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 life-long learning.

### Program Outcomes (POs)

- y) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- z) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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- bb) **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.
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- dd) **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.
- ee) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

- ff) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
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- jj) **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
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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): Nil



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**ALUMNI FEEDBACK FORM**

**2020-21**

**(For establishment of Autonomy Curriculum)**



Name: Soumyadeep Pal	Phone No.: 9674529954
Qualification, Branch: B.Tech. in Food Technology	E – mail ID: smdepal036@gmail.com
Present Employer & Designation: QA Engineere at HCCB	Total Experience: 4 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 multi-disciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

## Program Outcomes (POs)

- kk) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- ll) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- mm) **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.
- nn) **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.
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- pp) **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.
- qq) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

- rr) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- ss) **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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- vv) **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

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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):** Curriculum must be emphasized on the modern methodologies used in modern food industries. The no. of elective subjects and the multidisciplinary field can be improved. Some AI based subjects can be included.





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## ALUMNI FEEDBACK FORM

2020-21

(For establishment of Autonomy Curriculum)

Name: KRISHNANDU HALDER	Phone No.: 8927181034
Qualification, Branch: B.Tech. in Food Technology	E – mail ID: krishnenduhalder1994@gmail.com
Present Employer & Designation: Keventar Agro Ltd.	Total Experience: 1 year

### 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 life-long learning.

### Program Outcomes (POs)

- ww) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- xx) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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- zz) **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.
- aaa) **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.

- bbb) **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.
- ccc) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- ddd) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- eee) **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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- ggg) **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.
- hhh) **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

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Q2	The curriculum developed to prepare students for competitive exams like GATE		√		
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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):** Choice of elective can be increased.



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## Employer FEEDBACK FORM

(2020-21)

(For establishment of Autonomy Curriculum)

Name of the Employer: Parle Food Products Pvt. Ltd.	Phone No. 033 40288311
Field of Work: Bakery Products	E – mail ID:

### 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 life-long learning.

### Program Outcomes (POs)

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

**Remarks (if any):** Some more software based subjects may be incorporated to increase the employability of students



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## Employer FEEDBACK FORM

(2020-21)

(For establishment of Autonomy Curriculum)

Name of the Employer: Dream Bake Pvt. Ltd.	Phone No. 0332435 5951
Field of Work: Bakery Products	E – mail ID:

### 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 life-long learning.

### Program Outcomes (POs)

- m) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- n) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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Question		Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	√			
Q2	The system followed by the department for the design and development of curriculum is effective.		√		
Q3	The curriculum allows multidisciplinary growth of students		√		
Q4	The curriculum is well organized		√		

**Remarks (if any):** Curriculum is well structured



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## Employer FEEDBACK FORM

(2020-21)

(For establishment of Autonomy Curriculum)

Name of the Employer: Bengal Beverage Pvt. Ltd.	Phone No. 033 2600 2500
Field of Work: Beverages	E – mail ID:

### 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 life-long learning.

### Program Outcomes (POs)

- y) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
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**Remarks (if any):**





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## Employer FEEDBACK FORM

(2020-21)

(For establishment of Autonomy Curriculum)

Name of the Employer: Diamond Beverages Pvt. Ltd.	Phone No. 033 3987 8200
Field of Work: Beverage Products	E – mail ID:

### 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.
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- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

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Q4	The curriculum is well organized		√		

**Remarks (if any): Some more computer based subjects can be introduced for moderns industry needs**



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## Employer FEEDBACK FORM

(2020-21)

(For establishment of Autonomy Curriculum)

Name of the Employer: Keventer Agro	Phone No.913325428534
Field of Work: FMCG	E – mail ID:

### 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 life-long learning.

### Program Outcomes (POs)

- ww) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- xx) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- yy) **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.
- zz) **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.
- aaa) **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.

- bbb) **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.
- ccc) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- ddd) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- eee) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- fff) **Communication:** Communicate effectively on complex engineering activities with the engineering community 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.
- ggg) **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.
- hhh) **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	The system followed by the department for the design and development of curriculum is effective.	√			
Q3	The curriculum allows multidisciplinary growth of students		√		
Q4	The curriculum is well organized	√			

Remarks (if any): Curriculum is well balanced



# Department of Food Technology

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114

## FACULTY FEEDBACK FORM

2020-21

(For establishment of Autonomy Curriculum)



Name: Ms. Dolanchapa Sikdar	Phone No.7908456076
Qualification, Branch: M.Tech. Ph. D. Thesis Submitted, Food Technology	E – mail ID: dolanchapa.sikdar@gnit.ac.in
Present Employer & Designation: GNIT, Assistant Professor	Total Experience: 5 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 multi-disciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

### Program Outcomes (POs)

- Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- 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.
- 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.
- 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.
- 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.
- 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 community 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.
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- 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.

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		√		



# Department of Food Technology

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114

## FACULTY FEEDBACK FORM

2020-21

(For establishment of Autonomy Curriculum)



Name: Dr. Souptik Bhattacharyya	Phone No.7980237028
Qualification, Branch: Ph. D. , Biotechnology	E – mail ID: souptik.bhattacharya@gnit.ac.in
Present Employer & Designation: GNIT, Assistant Professor	Total Experience: 2Years

### 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 life-long learning.

### Program Outcomes (POs)

- m) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- n) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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- p) **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.
- q) **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.
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- s) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

- t) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- u) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- v) **Communication:** Communicate effectively on complex engineering activities with the engineering community 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.
- w) **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.
- x) **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		√		





# Department of Food Technology

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24 Parganas (N), Kolkata-700114

## FACULTY FEEDBACK FORM

2020-21

(For establishment of Autonomy Curriculum)



Name: Mr. Saikat Mazumder	Phone No. 9163048374
Qualification, Branch: M.Tech., Food Technology	E – mail ID: saikat.mazumder@gnit.ac.in
Present Employer & Designation: GNIT, Assistant Professor	Total Experience: 5 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 multi-disciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

### Program Outcomes (POs)

- y) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- z) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- aa) **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.
- bb) **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.
- cc) **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.
- dd) **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.
- ee) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

- ff) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- gg) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- hh) **Communication:** Communicate effectively on complex engineering activities with the engineering community 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.
- ii) **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.
- jj) **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			√	



# Department of Food Technology

Guru Nanak Institute of Technology

(An Autonomous Institute)

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24 Parganas (N), Kolkata-700114

## FACULTY FEEDBACK FORM

2020-21

(For establishment of Autonomy Curriculum)



Name: Dr. Deborshi De	Phone No.7439308801
Qualification, Branch: Ph. D., Food Technology	E – mail ID: deborshi.de@gnit.ac.in
Present Employer & Designation: GNIT, Associate Professor	Total Experience: 5 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 multi-disciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

### Program Outcomes (POs)

- kk) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- ll) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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- nn) **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.
- oo) **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.
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- qq) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

- rr) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- ss) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- tt) **Communication:** Communicate effectively on complex engineering activities with the engineering community 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.
- uu) **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.
- vv) **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		√		



# Department of Food Technology

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114

## FACULTY FEEDBACK FORM

2020-21

(For establishment of Autonomy Curriculum)



Name: Dr. Shiladitya Ghosh	Phone No. 90516515346
Qualification, Branch: Ph. D., Biotechnology	E – mail ID: shiladitya.ghosh@gnit.ac.in
Present Employer & Designation: GNIT, Assistant Professor	Total Experience: 3 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 multi-disciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

### Program Outcomes (POs)

- ww) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- xx) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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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		√		

# Department of Food Technology

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114

## STUDENT FEEDBACK FORM



2020-21

(For establishment of Autonomy Curriculum)

<b>Name:</b> Avisikta Ghosh Dastidar	<b>Phone No.</b> 9836679693
<b>Year, Branch:</b> 4 <sup>th</sup> Year	<b>E – mail ID:</b> avigdastidar1998@gmail.com
<b>Present Employer &amp; Designation:</b>	<b>Total Experience:</b>

### 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 life-long learning.

### Program Outcomes (POs)

- Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
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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.
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- 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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- 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.

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.		√		



# Department of Food Technology

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157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114

**STUDENT FEEDBACK FORM**



**2020-21**

**(For establishment of Autonomy Curriculum)**

<b>Name:</b> Arnab Saha	<b>Phone No.</b> 9007229813
<b>Year, Branch:</b> 4 <sup>th</sup> Year	<b>E – mail ID:</b> <a href="mailto:arnab.saha019@gmail.com">arnab.saha019@gmail.com</a>
<b>Present Employer &amp; Designation:</b> NA	<b>Total Experience:</b> NA

## **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.
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- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

## **Program Outcomes (POs)**

- m) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- n) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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- x) **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.		√		

# Department of Food Technology

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(An Autonomous Institute)

157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114

## STUDENT FEEDBACK FORM



2020-21

(For establishment of Autonomy Curriculum)

<b>Name:</b> Anirzeet Pramanik	<b>Phone No.</b> 9330390117
<b>Year, Branch:</b> 4 <sup>th</sup> Year	<b>E – mail ID:</b> <a href="mailto:royanirzeet01@gmail.com">royanirzeet01@gmail.com</a>
<b>Present Employer &amp; Designation:</b> NA	<b>Total Experience:</b> NA

### 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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### Program Outcomes (POs)

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- dd) **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.
- ee) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- ff) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- gg) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- hh) **Communication:** Communicate effectively on complex engineering activities with the engineering community 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.
- ii) **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.
- jj) **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.		√		



# Department of Food Technology

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114



## STUDENT FEEDBACK FORM

2020-21

(For establishment of Autonomy Curriculum)

<b>Name:</b> Saurjaynee Biswas	<b>Phone No.</b> 7980228351
<b>Year, Branch:</b> 4 <sup>th</sup> Year	<b>E – mail ID:</b> saurjayneebiswas19@gmail.com
<b>Present Employer &amp; Designation:</b> NA	<b>Total Experience:</b> NA

### 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 life-long learning.

### Program Outcomes (POs)

- kk) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- ll) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- mm) **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.
- nn) **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.

- oo) **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.
- pp) **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.
- qq) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- rr) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- ss) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- tt) **Communication:** Communicate effectively on complex engineering activities with the engineering community 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.
- uu) **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.
- vv) **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.	√			

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## STUDENT FEEDBACK FORM



2020-21

(For establishment of Autonomy Curriculum)

Name: Tanmoy Chakraborty	Phone No. 8250603648
Year, Branch: 4 <sup>th</sup> Year	E – mail ID: ctanmoy82@gmail.com
Present Employer & Designation: NA	Total Experience: NA

### 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 life-long learning.

### Program Outcomes (POs)

- ww) **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- xx) **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- yy) **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.
- zz) **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.
- aaa) **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.

- bbb) **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.
- ccc) **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- ddd) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- eee) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.
- fff) **Communication:** Communicate effectively on complex engineering activities with the engineering community 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.
- ggg) **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.
- hhh) **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.	√			





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## Curriculum Feedback Analysis and Action Taken Report

Academic Year – 2020-21

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, parents/guardians, society/industries, employers and JIS foundation). A total 90 feedback were collected. The agreement rating regarding curriculum development with some specific questions for different stakeholders is listed in the table below. Based on stakeholder's feedback Departmental Academic Committee (DAC) prepared a draft curriculum and placed to BOS. The BOS finalizes the curriculum thereafter. The feedback result is analyzed as follows.

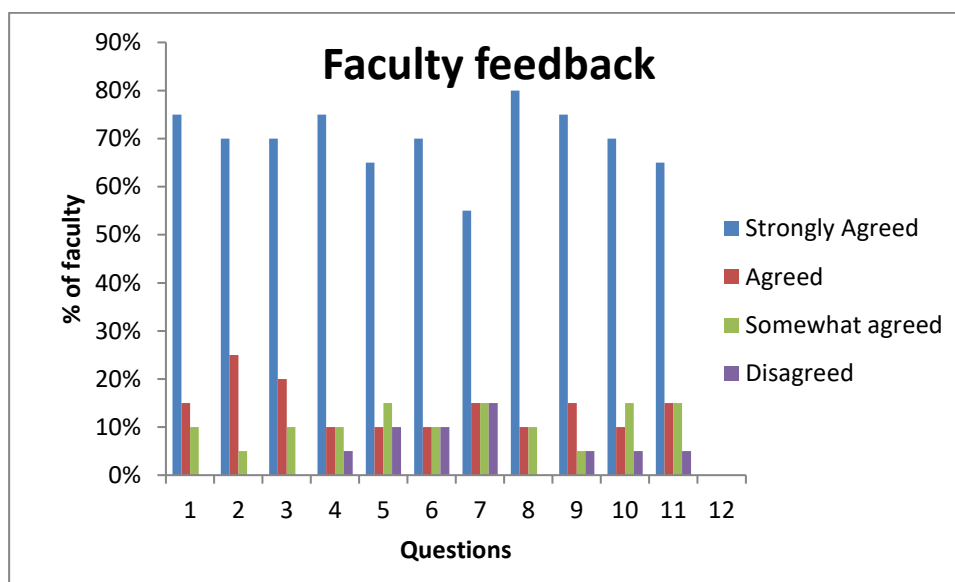
### 1. Faculty Feedback form:

Question		Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	15 (75%)	3 (15%)	2 (10%)	0
Q2	Employability is given importance in curriculum design and development.	14 (70%)	5 (25%)	1 (5%)	0
Q3	The curriculum developed to prepare students for competitive exams like GATE	14 (70%)	4 (20%)	2 (10%)	0
Q4	The curriculum satisfies all stakeholder's need	15 (75%)	2 (10%)	2 (10%)	1 (5%)
Q5	The curriculum allows multidisciplinary growth of students	13 (65%)	2 (10%)	3 (15%)	2 (10%)
Q6	The curriculum is well organized	14 (70%)	2 (10%)	2 (10%)	2 (10%)

Q7	The curriculum focuses on design methodology, research and innovation.	11 (55%)	3 (15%)	3 (15%)	3 (15%)
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	16 (80%)	2 (10%)	2 (10%)	0
Q9	The system followed by the department for the design and development of curriculum is effective.	15 (75%)	3 (15%)	1 (5%)	1 (5%)
Q10	The curriculum has been updated from time to time.	14 (70%)	2 (10%)	3 (15%)	1 (5%)
Q11	Options for choosing electives are adequate	13 (65%)	3 (15%)	3 (15%)	1 (5%)

### Faculty Feedback Summary

Total 20 faculties given feedback.



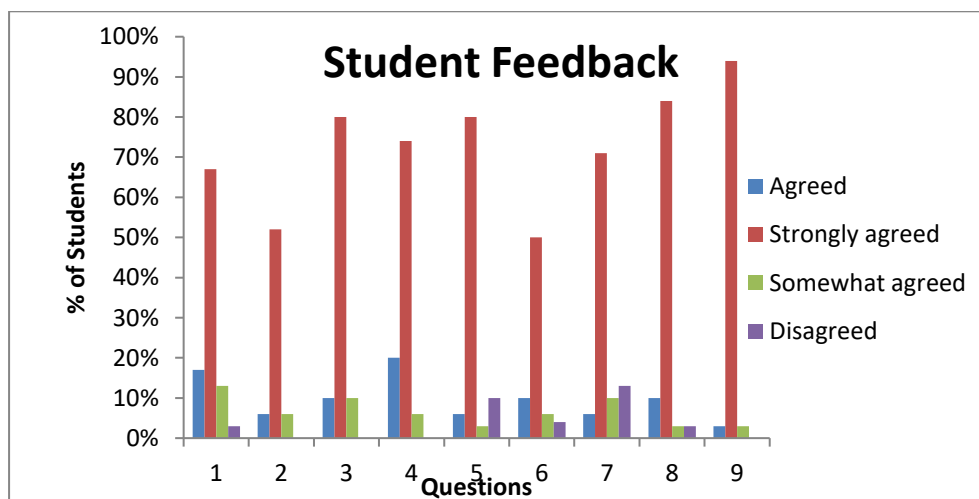
### 2. Student Feedback form:

Question		Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	20 (67%)	5 (17%)	4 (13%)	1 (3%)

Q2	Employability is given importance in curriculum design and development.	16 (52%)	2 (6%)	2 (6%)	0
Q3	Are the teachers prepared and qualified to teach the curriculum	24 (80%)	3 (10%)	3 (10%)	0
Q4	The curriculum developed to prepare students for competitive exams like GATE	22 (74%)	6 (20%)	2 (6%)	0
Q5	The curriculum satisfies students need	24 (80%)	2 (6%)	1 (3%)	3 (10%)
Q6	Options for choosing electives are adequate	15 (50%)	3 (10%)	2 (6%)	10 (4%)
Q7	The curriculum allows multidisciplinary growth of students	21 (71%)	2 (6%)	3 (10%)	4 (13%)
Q8	The curriculum is well organized	25 (84%)	3 (10%)	1 (3%)	1 (3%)
Q9	The curriculum focuses on design methodology, research and innovation.	28 (94%)	1 (3%)	1 (3%)	0

### Student Feedback Summary

Total 30 students given feedback.

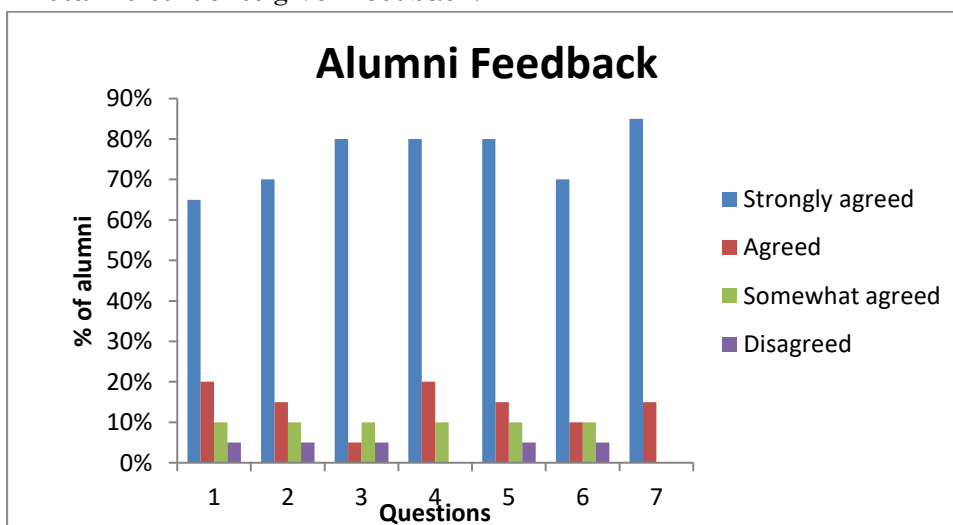


### 3. Alumni Feedback Form

Question		Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	13 (65%)	4 (20%)	2 (10%)	1 (5%)
Q2	The curriculum developed to prepare students for competitive exams like GATE	15 (70%)	3 (15%)	2 (10%)	1 (5%)
Q3	The curriculum satisfies all stakeholder's need	14 (80%)	1 (5%)	2 (10%)	1 (5%)
Q4	Employability is given importance in curriculum design and development.	14 (80%)	4 (20%)	2 (10%)	0
Q5	Options for choosing electives are adequate	14 (80%)	3 (15%)	2 (10%)	1 (5%)
Q6	The curriculum allows multidisciplinary growth of students	15 (70%)	2 (10%)	2 (10%)	1 (5%)
Q7	The curriculum focuses on design methodology, research and innovation.	17 (85%)	3 (15%)	0	0

#### Alumni Feedback Summary

Total 20 students given feedback.

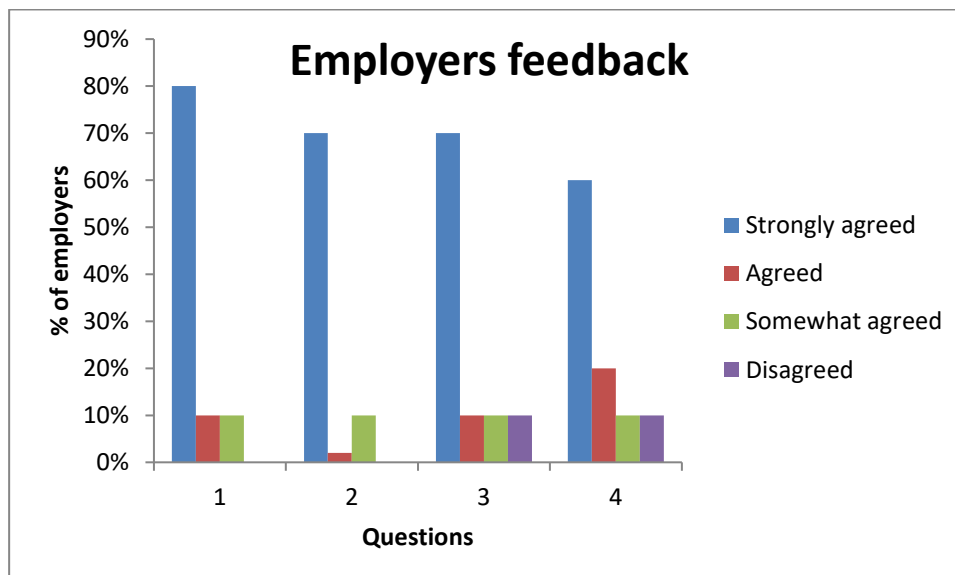


#### 4. Employer's Feedback Form

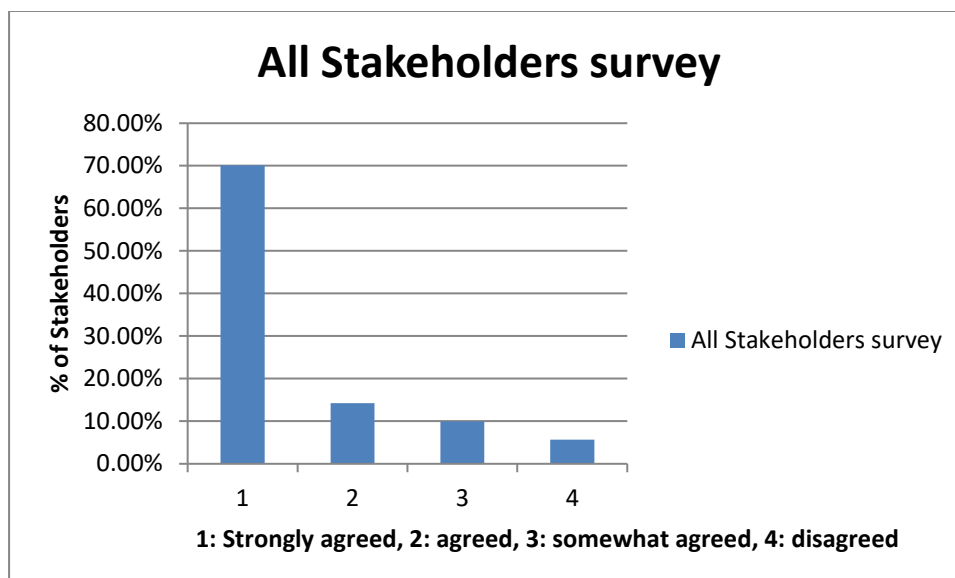
Question		Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	8 (80%)	1 (10%)	1 (10%)	0
Q2	The system followed by the department for the design and development of curriculum is effective.	7 (70%)	2 (20%)	1 (10%)	0
Q3	The curriculum allows multidisciplinary growth of students	7 (70%)	1 (10%)	1 (10%)	1 (10%)
Q4	The curriculum is well organized	6 (60%)	2 (20%)	1 (10%)	1 (10%)

#### Employer's Feedback Summary

Total 10 Employers given feedback.



**Summary Report of All stakeholders:  
A total 90 stakeholders given feedback.**



**ACTION TAKEN REPORT**

Feedbacks were obtained from all stakeholders for the R 18 curriculum under implementation to assess its merits and demerits. The following actions have been taken:

- All stakeholders remarked that the R18 curriculum and syllabus is well organized and technologically more advanced than the R 16 curriculum.
- The employers remarked that the R 18 curriculum is more industry friendly and compatible.
- All stakeholders found the R 18 curriculum to be satisfactory.
- Some stake holders remarked to increase the number of Elective subjects in Curriculum which will be taken care in R 21 curriculum
- Some stakeholders remarked to incorporate some AI based subjects in curriculum as per modern industries and societal needs which will be considered in R 21 curriculum.