Department of Applied Electronics and Instrumentation Engineering

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 – 2018 -19

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.	8	1	1	0
Q2	Employability is given importance in curriculum design and development.	6	2	1	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	9	1	0	0
Q5	The curriculum allows multidisciplinary growth of students	8	1	1	0
Q6	The curriculum is well organized	8	1	1	0
Q7	The curriculum focuses on design methodology, research and innovation.	10	0	0	0
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	8	1	1	0
Q9	The system followed by the department for the design and development of curriculum is effective.	8	0	2	0
Q10	The curriculum has been updated from time to time.	9	1	0	0
Q11	Options for choosing electives are adequate	7	2	1	0

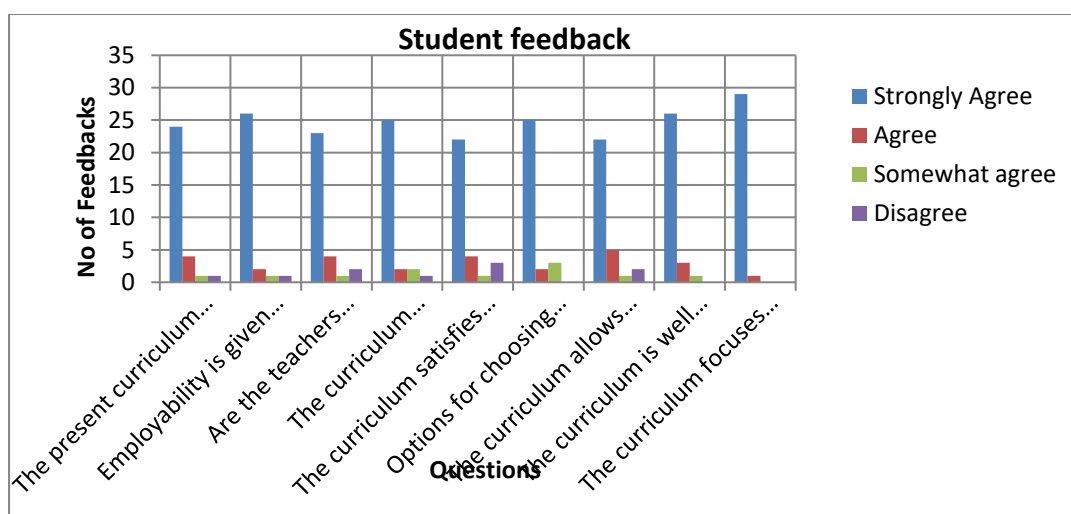### Faculty Feedback Summary

Total 10 faculties have given feedback.
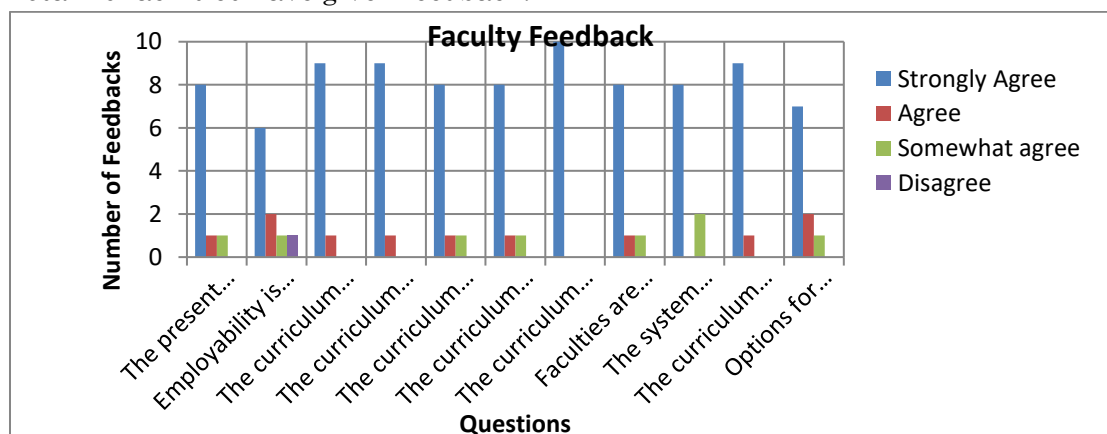
2. Student Feedback form:

	Question	Strongly Agree	Agree	Somewhat agree	Disagree
Q1	The present curriculum is aligned with departmental mission.	24	4	1	1
Q2	Employability is given importance in curriculum design and development.	26	2	1	1
Q3	Are the teachers prepared and qualified to teach the curriculum	23	4	1	2
Q4	The curriculum developed to prepare students for competitive exams like GATE	25	2	2	1
Q5	The curriculum satisfies students need	22	4	1	3
Q6	Options for choosing electives are adequate	25	2	3	0
Q7	The curriculum allows multidisciplinary growth of students	22	5	1	2
Q8	The curriculum is well organized	26	3	1	0
Q9	The curriculum focuses on design methodology, research and innovation.	29	1	0	0

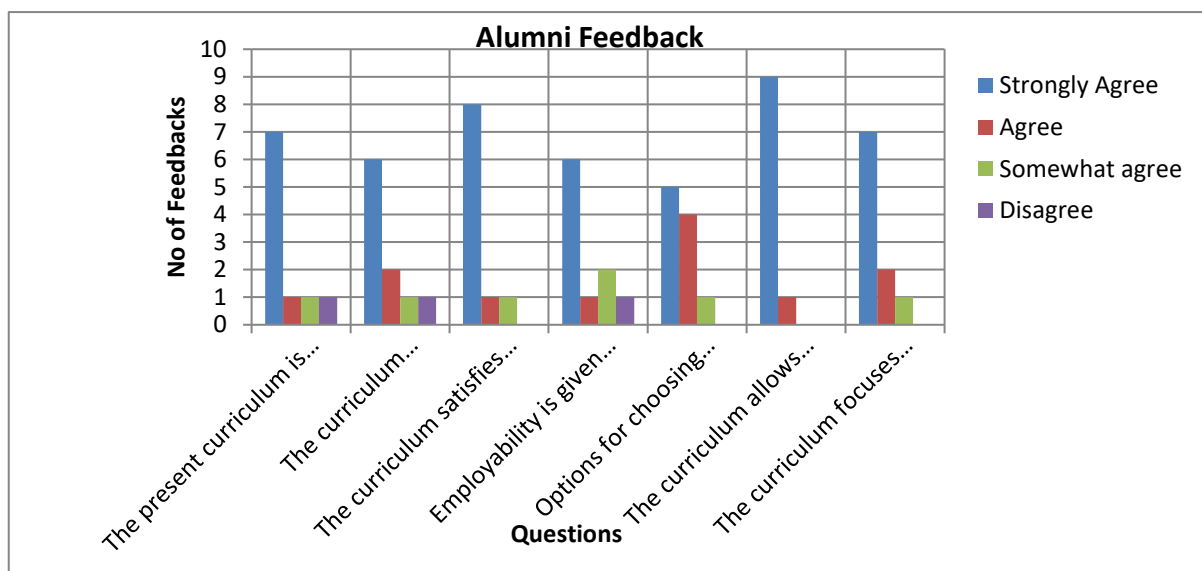## Student Feedback Summary:

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.	5	4	0	1
Q2	The system followed by the department for the design and development of curriculum is effective.	8	1	0	1
Q3	The curriculum allows multidisciplinary growth of students	8	1	1	0
Q4	The curriculum is well organized	8	1	1	0

Employer's Feedback Summary

Total 10 Employers given feedback.
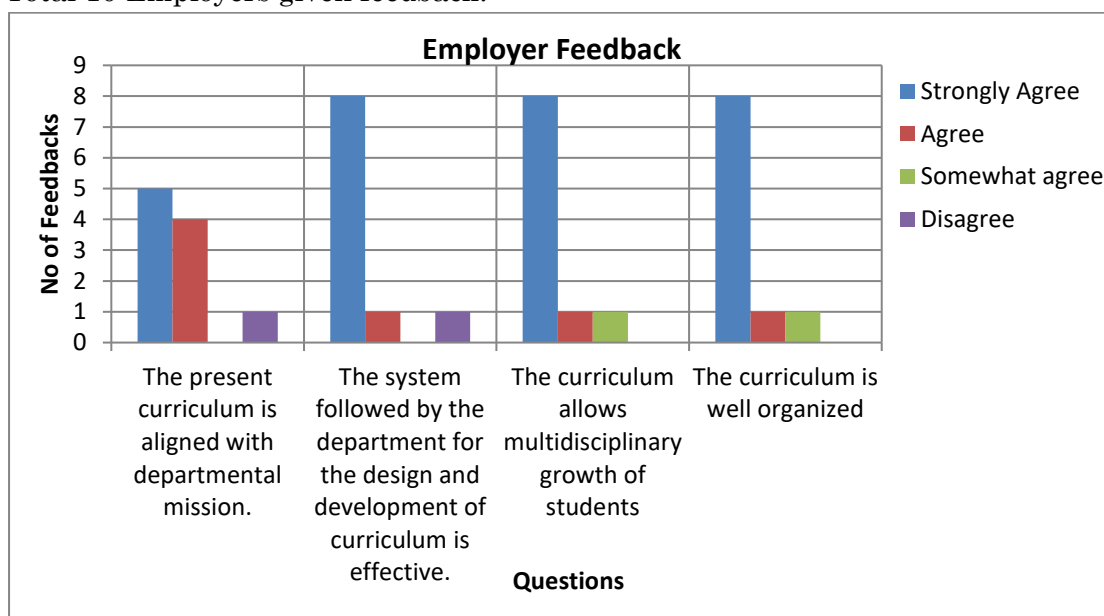
ACTION TAKEN REPORT

The remarks given by the stack holders have been noted and will be included as much as possible in the 2018 Curriculum and Syllabus, like, decreasing the total credit, inclusion of subjects like IoT, Machine Learning, LabVIEW etc.

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24 Parganas (N), Kolkata-700114

ALUMNI FEEDBACK FORM

2019-18

(For establishment of Autonomy Curriculum)

Name: ANKIT SHAW	Phone No. 8981496805
Qualification, Branch: B.Tech, EIE	E – mail ID:ankit1994shaw@gmail.com
Present Employer & Designation: 24x7, System Engineer	Total Experience: 1.5 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)

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.
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): To emphasis on the aspect of Automation, some related lab classes can be included like Virtual Instrumentation, IoT etc.

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ALUMNI FEEDBACK FORM

2019-18

(For establishment of Autonomy Curriculum)

Name: SOUMIK BANIK	Phone No.9051869852
Qualification, Branch: B. Tech, EIE	E – mail ID: soumikelnino@gmail.com
Present Employer & Designation: HCL, System Engineer	Total Experience:1 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)

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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.

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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.

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):

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ALUMNI FEEDBACK FORM

2019-18

(For establishment of Autonomy Curriculum)

Name: Dhiraj Goswami	Phone No.8436064206
Qualification, Branch: B. Tech, EIE	E – mail ID: dhirajgoswami007@gmail.com
Present Employer & Designation: Maven Infotech, Associate	Total Experience: 1 year

Programme Educational Objectives (PEOs)

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- 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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Alumni Feedback Form

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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): If some credit can be decreased, then I think it will be better for the students to give more focus to the hands-on practices.

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24 Parganas (N), Kolkata-700114
ALUMNI FEEDBACK FORM
2019-18
(For establishment of Autonomy Curriculum)

Name: TAPTI SAHA	Phone No. 8017028148
Qualification, Branch: B.Tech, EIE	E – mail ID:sahatapti95@gmail.com
Present Employer & Designation: Post Graduate Fellow	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.
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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):

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ALUMNI FEEDBACK FORM
2019-18
(For establishment of Autonomy Curriculum)

Name: AYUSH AGRAHARI	Phone No.9804909604
Qualification, Branch: B.Tech, EIE	E – mail ID:ayushagrahari123@gmail.com
Present Employer & Designation: TCS, ASE	Total Experience: 2 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.
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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.	✓			

technological change.

Alumni Feedback Form

Remarks (if any):

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Employer FEEDBACK FORM

(2019-18)
(For establishment of Autonomy Curriculum)

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

Employer FEEDBACK FORM

(2019-18)
(For establishment of Autonomy Curriculum)

Name of the Employer: Tech Mahindra	Phone No. 9339435014
Field of Work: Software Development and Maintenance	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	The curriculum allows multidisciplinary growth of students	✓			
Q4	The curriculum is well organized	✓			

Remarks (if any):

Employer FEEDBACK FORM

(2019-18)

(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)
- 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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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	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):

Department of Applied Electronics & Instrumentation Engineering

Guru Nanak Institute of Technology

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

Employer FEEDBACK FORM

(2019-18)
(For establishment of Autonomy Curriculum)

Name of the Employer: Ultratech Pvt. Ltd.	Phone No. 9831206386
Field of Work: Embedded System Design and maintenance	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 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.
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.
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	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):

Department of Applied Electrnics & Instrumentation Engineering

Guru Nanak Institute of Technology
(An Autonomous Institute)
157/F Nilgunj Roard, Panihati
24 Parganas (N), Kolkata-700114
FACULTY FEEDBACK FORM
2019-18
(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 multi-disciplinary team.
- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

Program Outcomes (POs)

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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 Applied Electrnics & Instrumentation Engineering

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Roard, Panihati

24 Parganas (N), Kolkata-700114

FACULTY FEEDBACK FORM

2019-18

(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, 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 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.

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.

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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.
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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	✓			

FACULTY FEEDBACK FORM
2019-18
(For establishment of Autonomy Curriculum)

Name: Dr. Adhish Kumar Chakraborty	Phone No.9830723659
Qualification, Branch: PhD, AEIE	E – mail ID: adhish.chakrabarty@gnit.ac.in
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 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	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 Applied Electrnics & Instrumentation Engineering

Guru Nanak Institute of Technology
(An Autonomous Institute)
157/F Nilgunj Roard, Panihati
24 Parganas (N), Kolkata-700114
FACULTY FEEDBACK FORM
2019-18
(For establishment of Autonomy Curriculum)

Name: Mrs Suparna Maity	Phone No.9432970012
Qualification, Branch: M. Tech, AEIE	E – mail ID: suparna.maity @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.
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Program Outcomes (POs)

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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	✓			
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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 Applied Electrnics & Instrumentation Engineering

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Roard, Panihati

24 Parganas (N), Kolkata-700114

FACULTY FEEDBACK FORM

2019-18

(For establishment of Autonomy Curriculum)

Name: Mrs Santana Das	Phone No. 9674985930
Qualification, Branch: M. Tech, AEIE	E – mail ID: santana.das@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.
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- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

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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 Applied Electronics & Instrumentation Engineering

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

2019-18

(For establishment of Autonomy Curriculum)

Name: ARPAN KUMAR LAHIRI	**Phone No.** 8910439029
Year, Branch: 4th year, AEIE	**E – mail ID: arpanlahiri18@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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	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 Applied Electronics & Instrumentation Engineering

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

2019-18

(For establishment of Autonomy Curriculum)

Name: CHANAKYA FADIKAR	**Phone No.** 7890445277
Year, Branch: 4th year, AEIE	**E – mail ID:** chanakyafadikar@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.
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- To develop a knowledge of contemporary issues and ability to engage in life-long learning.

Program Outcomes (POs)

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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	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 Applied Electronics & Instrumentation Engineering

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

2019-18

(For establishment of Autonomy Curriculum)

Name: SANJUKTA BASU	**Phone No. 7278557921**
Year, Branch: 4th year, AEIE	**E – mail ID: sanjukta444.sb@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.
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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.

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 Applied Electronics & Instrumentation Engineering

Guru Nanak Institute of Technology

(An Autonomous Institute)

157/F Nilgunj Road, Panihati

24 Parganas (N), Kolkata-700114

STUDENT FEEDBACK FORM

2019-18

(For establishment of Autonomy Curriculum)

Name: Saikat Jana	**Phone No. 8346039379**
Year, Branch: 4th year, AEIE	**E – mail ID:** indranilacharya1@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 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.
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.

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Department of Applied Electronics & Instrumentation Engineering

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

2019-18

(For establishment of Autonomy Curriculum)

Name: Anwesha Ghosh	**Phone No.** 8478014256
Year, Branch: 4ᵗʰ year, AEIE	**E – mail ID:** anweshaghosh.630@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 life-long learning.

Program Outcomes (POs)

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