

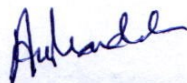
Action Taken Report

Department of Electronics and Communication Engineering

Stakeholders: Faculty

Table1

Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1 The present curriculum is aligned with departmental mission.	63%	12%	10%	10%	3.18	Strongly agree
Q2 Employability is given importance in curriculum design and development.	60%	20%	15%	5%	3.35	Strongly Agree
Q3 The curriculum developed to prepare students for competitive exams like GATE	50%	40%	5%	5%	3.35	Strongly Agree
Q4 The curriculum satisfies all stakeholder's need	70%	20%	10%		3.6	Strongly Agree
Q5 The curriculum allows multidisciplinary growth of students	50%	30%	10%	10%	3.2	Strongly Agree
Q6 The curriculum is well organized	70%	10%	15%	5%	3.45	Strongly Agree
Q7 The curriculum focuses on design methodology, research and innovation.	55%	35%	10%		3.45	Strongly Agree
Q8 Faculties are given enough freedom to contribute ideas on curriculum design and development.	50%	20%	20%	10%	3.1	Strongly Agree



Internal Quality Assurance Cell (IQAC)
Guru Nanak Institute of Technology
157/F, Nilgunj Road, Panihati, Sodepur
Kolkata-700114


Principal
Guru Nanak Institute of Technology

Q9	The system followed by the department for the design and development of curriculum is effective.	60%	20%	20%		3.4	Strongly Agree
Q10	The curriculum has been updated from time to time.	60%	20%	10%	10%	3.3	Strongly Agree
Q11	Options for choosing electives are adequate	70%	20%	10%		3.6	Strongly Agree

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

Table 2

Sl. No	Question	Response in terms of % Faculty	
		Yes	No
1.	Is it needed to add any content on curriculum?	25%	75%
2	If yes specify the content	Prototype modeling and Presentation	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

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

Sl. No.	Feedback parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that, 25% faculties want to add new contents in the existing curriculum

Signature
 Internal Quality Assurance Cell (IQAC)
 Guru Nanak Institute of Technology
 157/F, Nilgunj Road, Panihati, Sodepur
 Kolkata-700114

Page 2 of 11

Signature
 Principal
 Guru Nanak Institute of Technology

2	If yes specify the content	whereas rests of the faculties do not want any changes in the curriculum. The 25% faculties want to add Prototype modeling and Presentation in the R16 curriculum based on industry requirements. This was incorporated in Technical seminar presentation (MC782) and approved by BOS members in the BOS meeting on 05.05.2016 and accordingly added in R 16 curriculum
3	Is it needed to delete any content on curriculum?	100% faculty members do not want to delete any course from the curriculum, So, no action is required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on Faculty feedback, "Strongly agreed" rating have been received in all 11 given parameters with an average score of more than 3 in a scale of 4. Therefore, no action is required.
6	Employability is given importance in curriculum design and development.	
7	The curriculum developed to prepare students for competitive exams like GATE	
8	The curriculum satisfies all stakeholder's need	
9	The curriculum allows multidisciplinary growth of students	
10	The curriculum is well organized	
11	The curriculum focuses on design methodology, research and innovation.	
12	Faculties are given enough freedom to contribute ideas on curriculum design and development.	
13	The system followed by the department for the design and development of curriculum is effective.	
14	The curriculum has been updated from time to time.	
15	Options for choosing electives are adequate	

Arshad

Page 3 of 11

Internal Quality Assurance Cell (IQAC)
Guru Nanak Institute of Technology
157/F, Nilgunj Road, Panipat, Sodepur
Kolkata-700114

[Signature]
Principal
Guru Nanak Institute of Technology

Stakeholders: Student

Table 4

Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1 The present curriculum is aligned with departmental mission.	60%	20%	20%		3.4	Strongly Agree
Q2 Employability is given importance in curriculum design and development.	60%	20%	20%		3.4	Strongly Agree
Q3 Are the teachers prepared and qualified to teach the curriculum	70%	30%			3.7	Strongly Agree
Q4 The curriculum developed to prepare students for competitive exams like GATE	60%	20%	10%	10%	3.3	Strongly Agree
Q5 The curriculum satisfies students need	60%	20%	20%		3.4	Strongly Agree
Q6 Options for choosing electives are adequate	50%	20%	20%	10%	3.1	Strongly Agree
Q7 The curriculum allows multidisciplinary growth of students	60%	10%	20%	10%	3.2	Strongly Agree
Q8 The curriculum is well organized	60%	20%	20%		3.4	Strongly Agree

Q9	The curriculum focuses on design methodology, research and innovation.	70%	20%	10%		3.6	Strongly Agree
----	--	-----	-----	-----	--	-----	----------------

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

Table 5

Sl. No	Question	Response in terms of % Student	
		Yes	No
1.	Is it needed to add any content on curriculum?	20%	80%
2	If yes specify the content	1. Artificial Intelligence and Robotics	-
		2. Soft Computing	
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

Table 6: Action Taken based on Table 4 and Table 5

Sl. No.	Feedback parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that, 20% students want to add some new elective subjects in the existing curriculum. This was discussed and approved by BOS members in the BOS meeting held on 05.05.2016 and accordingly some elective courses are added in R 16
2	If yes specify the content	

Achande

Page 5 of 11

		curriculum like 1. Artificial Intelligence and Robotics under 7 th Sem elective courses 2. Soft Computing in 8 th sem elective courses
3	Is it needed to delete any content on curriculum?	100% students do not want to delete any course from the curriculum, So, no action is required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on Students feedback, "Strongly agreed" rating have been received in all 9 given parameters with an average score of more than 3 in a scale of 4. Therefore, no action is required.
6	Employability is given importance in curriculum design and development.	
7	Are the teachers prepared and qualified to teach the curriculum	
8	The curriculum developed to prepare students for competitive exams like GATE	
9	The curriculum satisfies students need	
10	Options for choosing electives are adequate	
11	The curriculum allows multidisciplinary growth of students	
12	The curriculum is well organized	
13	The curriculum focuses on design methodology, research and innovation.	

Stakeholders: Alumni

Table 7

Question	Strongly	Agree	Somewhat	Disagree	Avg.	Rating
----------	----------	-------	----------	----------	------	--------

Arundel
Internal Quality Assurance Cell (IQAC)
Guru Nanak Institute of Technology
157/F, Nilgunj Road, Panihati, Sodepur
Kolkata-700114

		Agree (4)	(3)	agree (2)	(1)		
Q1	The present curriculum is aligned with departmental mission.	70%	10%	20%		3.5	Strongly Agree
Q2	The curriculum developed to prepare students for competitive exams like GATE	60%	20%	10%	10%	3.3	Strongly Agree
Q3	The curriculum satisfies all stakeholder's need	50%	30%	15%	5%	3.25	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	60%	20%	20%		3.4	Strongly Agree
Q5	Options for choosing electives are adequate	70%	20%	10%		3.6	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	50%	20%	20%	10%	3.1	Strongly Agree
Q7	The curriculum focuses on design methodology, research and innovation.	70%	20%	5%	5%	3.55	Strongly Agree

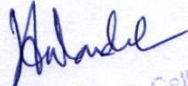
Note: ≥ 3 : Strongly Agree, ≥ 2 : Agree, ≥ 1 : Somewhat Agree, < 1 : disagree

Table 8

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

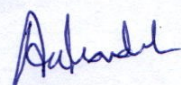
Signature

		Yes	No
1.	Is it needed to add any content on curriculum?	30%	70%
2	If yes specify the content	Some advanced topics may be added to the existing syllabus like Device modeling and simulation	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	


Internal Quality Assurance Cell (IQAC)
Guru Nanak Institute of Technology
157/F, Nilgunj Road, Panihati, Sodepur
Kolkata-700114

..... Table.9 Action Taken based on Table 7 and Table.8

Sl. No.	Feedback parameters	Action Taken
1	Is it needed to add any content on curriculum?	It is found that, 30% alumni want to add some new courses enhancing Technical skill development/ entrepreneurship/ employability. This was discussed and approved by BOS members in the BOS meeting held on 05.05.2016 and accordingly some new topics have been introduced in the R 16 curriculum for students like: 1. Device modeling and simulation added to the syllabus of Advanced Semiconductor devices (EC802A)
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% Alumni do not want to delete any course from the curriculum, So, no action is required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on Alumni feedback, "Strongly agreed" rating have in all 7 given parameters with an average score of more than 3 in a scale of 4. So, no action is required.
6	The curriculum developed to prepare students for competitive exams like GATE	
7	The curriculum satisfies all stakeholder's need	
8	Employability is given importance in curriculum design and development.	
9	Options for choosing electives are adequate	
10	The curriculum allows multidisciplinary growth of students	
11	The curriculum focuses on design methodology, research and innovation.	


Internal Quality Assurance Cell (IQAC)
Guru Nanak Institute of Technology
157/F, Nilgunj Road, Panihati, Sodepur
Kolkata-700114


Principal
Guru Nanak Institute of Technology

Table 10

Question		Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
Q1	The present curriculum is aligned with departmental mission.	80%	20%			3.8	Strongly Agree
Q2	The system followed by the department for the design and development of curriculum is effective.	60%	20%	20%		3.4	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	40%	20%	20%	20%	2.8	Strongly Agree
Q4	The curriculum is well organized	60%	20%	20%		3.4	Strongly Agree

Table 11

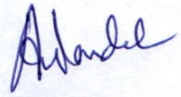
Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	30%	70%
2	If yes specify the content	Some courses for development of skills and employability of students may be included like 1. Physical design and testing 2. Medical Imaging	-
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

Signature
Internal Quality Assurance Cell (IQAC)
Guru Nanak Institute of Technology
157/F, Nilgunj Road, Panipat, Sonapat
Kolkata-700114

..... Table.12 Action Taken based on Table.10 and Table.11

Sl. No.	Feedback parameters	Action Taken
1	Is it needed to add any content on curriculum?	It was observed that, 30% employer want to add following new courses for development of skills and employability of students. This was discussed and approved by BOS members in the BOS meeting on 05.05.2016 and accordingly few courses have been introduced in the R 16 curriculum for improvement of employability, technical skills and entrepreneurship qualities of students. 1. Physical Design, Verification and testing 2. Biomedical Electronics and Imaging
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% Employer do not want to delete any course from the curriculum, So, no action is required.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on employer feedback, “Strongly agreed” rating have in all 4 given parameters with an average score of more than 3 in a scale of 4. So, no action is required.
6	The system followed by the department for the design and development of curriculum is effective.	
7	The curriculum allows multidisciplinary growth of students	
8	The curriculum is well organized	

The overall Stakeholders feedback on Curriculum Development for Department of Electronics and Communication Engineering was positive and based on that the new R 16 curriculum was designed and adopted.


Internal Quality Assurance Cell (IQAC)
Guru Nanak Institute of Technology
157/F, Nilgunj Road, Pandara, Sodepur
Kolkata-700114


Principal
Guru Nanak Institute of Technology