

Action Taken Report**Academic Year 2015-16****Department of Computer Science and 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.	50%	40%	10%		3.4	Strongly agree
Q2	Employability is given importance in curriculum design and development.	40%	40%	20%		3.2	Strongly Agree
Q3	The curriculum developed to prepare students for competitive exams like GATE	35%	40%	25%		3.1	Strongly Agree
Q4	The curriculum satisfies all stakeholder's need	40%	40%	10%	10%	3.1	Strongly Agree
Q5	The curriculum allows multidisciplinary growth of students	40%	20%	40%		3.0	Strongly Agree
Q6	The curriculum is well organized	60%	20%	20%		3.2	Strongly Agree

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

Mr
Principal
Guru Nanak Institute of Technology

Q7	The curriculum focuses on design methodology, research and innovation.	40%	40%	20%		3.2	Strongly Agree
Q8	Faculties are given enough freedom to contribute ideas on curriculum design and development.	90%	10%			3.9	Strongly Agree
Q9	The system followed by the department for the design and development of curriculum is effective.	60%	40%			3.6	Strongly Agree
Q10	The curriculum has been updated from time to time.	80%	20%			3.8	Strongly Agree
Q11	Options for choosing electives are adequate	65%	25%	10%		3.55	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?	40%	60%
2	If yes specify the content	Project Based Course (75%)	-
		Technical Skill Development (25%)	
3.	Is it needed to delete any content on curriculum?	30%	70%
4	If yes specify the content	Content of Analog Electronics may be omitted (80%)	-

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

Signature
 Principal
 Guru Nanak Institute of Technology

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, 40% of the faculties wanted to add new contents in the existing curriculum. 75% of the faculties agreed that before final year project, students can be given a project based learning having credit so that they can have an idea of how to implement final year project. This was discussed and approved by BOS members in the BOS meeting held on 27.05.2016 and accordingly added in R 16 curriculum as Mini project in 6 th Semester.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	80% of the faculties agreed that analog electronics may be covered in 1 st Year syllabus and Digital Electronics and Computer Organization can be merged into a single course, since the contents are overlapping. This was discussed and approved by BOS members in the BOS meeting held on 27.05.2016 and accordingly added in R 16 curriculum as Digital Electronics and Computer Organization in 3 rd semester.
4	If yes specify the content	
5	The present curriculum is aligned with departmental mission.	Based on Faculty feedback, "Strongly agreed" rating has 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	

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

Principle
Guru Nanak Institute of Technology

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	

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.	70%	20%	10%		3.6	Strongly Agree
Q2	Employability is given importance in curriculum design and development.	50%	30%	20%		3.3	Strongly Agree
Q3	Are the teachers prepared and qualified to teach the curriculum	80%	20%			3.8	Strongly Agree

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

Vishu
 Principal
 Guru Nanak Institute of Technology

Q4	The curriculum developed to prepare students for competitive exams like GATE	65%	20%	15%		3.5	Strongly Agree
Q5	The curriculum satisfies students need	60%	20%	20%		3.4	Strongly Agree
Q6	Options for choosing electives are adequate	60%	30%	10%		3.4	Strongly Agree
Q7	The curriculum allows multidisciplinary growth of students	60%	20%	20%		3.4	Strongly Agree
Q8	The curriculum is well organized	50%	30%	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?	40%	60%
2	If yes specify the content	Seminar may be introduced to learn how to prepare presentation for final year project	-
3.	Is it needed to delete any content on	0%	100%

	curriculum?		
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, 40% students asked for introducing seminar as a credit course so as to know how to prepare final year presentation. This was discussed and approved by BOS members in the BOS meeting held on 27.05.2016 and accordingly some elective courses are added in R 16 curriculum as Group Discussion and Seminar in 6 th Semester.
2	If yes specify the content	
3	Is it needed to delete any content on curriculum?	100% students do not want to delete any course from the curriculum, 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 has 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 (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	The curriculum developed to prepare students for competitive exams like GATE	65%	25%	10%		3.55	Strongly Agree
Q3	The curriculum satisfies all stakeholder's need	60%	20%	20%		3.4	Strongly Agree
Q4	Employability is given importance in curriculum design and development.	35%	25%	40%		2.95	Agree
Q5	Options for choosing electives are adequate	60%	20%	20%		3.4	Strongly Agree
Q6	The curriculum allows multidisciplinary growth of students	50%	50%			3.5	Strongly Agree
Q7	The curriculum focuses on design methodology, research and	35%	30%	25%	10%	2.9	Agree

Advait

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

Principal
Principal
Guru Nanak Institute of Technology

innovation.						
-------------	--	--	--	--	--	--

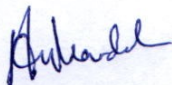
Note: ≥ 3 : Strongly Agree, ≥ 2 : Agree, ≥ 1 : Somewhat Agree, < 1 : disagree

Table 8

Sl. No	Question	Response in terms of % Alumni	
		Yes	No
1.	Is it needed to add any content on curriculum?	40%	60%
2	If yes specify the content	Some courses to enhance Skill development/ employability may be included	-
3.	Is it needed to delete any content on curriculum?	30%	70%
4	If yes specify the content	Analog Electronics may be removed	

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?	40% alumni agreed that some courses to improve overall skill development of the students and some courses to enhance research ability of the students may be introduced. This was discussed and approved by BOS members in the BOS meeting held on 27.05.2016 and accordingly some new courses such as General Aptitude/ Foreign Language have been introduced in the R16 curriculum for strengthening skill development of the students. Also, courses such as Computer Vision have been added in 6 th semester to
2	If yes specify the content	


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


Principal
Guru Nanak Institute of Technology

		improve research ability and employability of the students.
3	Is it needed to delete any content on curriculum?	30% alumni agreed that to remove analog electronics from the core courses for CSE students. This was discussed and approved by BOS members in the BOS meeting held on 27.05.2016 and accordingly analog electronics has been removed from 2 nd year syllabus in R16 curriculum.
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.	This was discussed and approved by BOS members in the BOS meeting held on 27.05.2016 and accordingly General Aptitude/ Foreign Language and Seminar have been introduced in the R16 curriculum for strengthening employability of the students.
9	Options for choosing electives are adequate	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.
10	The curriculum allows multidisciplinary growth of students	
11	The curriculum focuses on design methodology, research and innovation.	This was discussed and approved by BOS members in the BOS meeting held on 27.05.2016 and courses such as Computer Vision and Computational Geometry have been added in 6 th semester to improve research ability and employability of the students.

Stakeholders: Employer

Table 10

Question	Strongly Agree (4)	Agree (3)	Somewhat agree (2)	Disagree (1)	Avg.	Rating
----------	--------------------	-----------	--------------------	--------------	------	--------

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

PK
Principal
Guru Nanak Institute of Technology

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.	65%	25%	10%		3.55	Strongly Agree
Q3	The curriculum allows multidisciplinary growth of students	60%	20%	20%		3.4	Strongly Agree
Q4	The curriculum is well organized	70%	20%	10%		3.6	Strongly Agree

Table 11

Sl. No	Question	Response in terms of % Employer	
		Yes	No
1.	Is it needed to add any content on curriculum?	40%	60%
2	If yes specify the content	A mini project may be added to students in 3 rd year (40%)	-
		Courses to enhance skill development and employability of the students (60%)	
3.	Is it needed to delete any content on curriculum?	0%	100%
4	If yes specify the content	NA	

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	It is found that, 40% out of 40% employer

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

Principal
 Principal
 Guru Nanak Institute of Technology

	curriculum?	wanted to add a mini project for 3 rd year students. 60% out of 40% employer observed that some courses to enhance skill development and employability of the students may be introduced.
2	If yes specify the content	This was discussed and approved by BOS members in the BOS meeting held on 27.05.2016 and accordingly Mini Project have been introduced in the R16 curriculum for 6 th semester. Also, to improve skill development and employability Technical Communication & Soft Skill has been made a mandatory course in 4 th semester. General Aptitude /Foreign Language has also been introduced as mandatory course in 5 th semester.
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 Computer Science and Engineering Department was positive and based on that the new R16 curriculum was formed.

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

W
Principal
Guru Nanak Institute of Technology