# **Program Specific Files**

P.27 Direct and indirect assessment to show attainment of POs and PSOs.

- ✤ List the direct and indirect assessment tools for POs/PSOs.
- ↔ What are weights considered for direct and indirect.
- ✤ What are tools considered for attainment?
- ✤ Number of samples are considered.
- ✤ Keep records of 3 years- PO/PSOs attainment levels.
- Note: See your SAR, based on that, you have to build documents.

#### List the direct and indirect assessment tools for POs/PSOs.

PO / PSO assessment is done by giving 80% weightage to direct assessment and 20% weightage to indirect assessment. Direct assessment is based on overall CO attainment and CO-PO/PSO mapping. Indirect assessment is done through program exit survey, alumni survey and employer survey. Program exit survey and employer survey are given a weightage of 25% each and alumni survey is given a weightage of 50%.

The various assessment tools used to evaluate POs / PSOs and the frequency with which the assessment processes are carried out are listed in Table below

PO and PSO ASSESSMENT TOOLS								
		Course Type	Assessment Methods	Frequency				
			Mid-Term Exam	Once per course				
		Theory	Assignments	Twice/Thrice per course				
			End Sem Exam	Once per course				
		Laboratory	Daily Performance	Every lab session				
		Examination	End Sem Exam	Once per course				
	Overall CO Attainment	Seminar (7 <sup>th</sup> Sem)	Presentation	Once per semester				
Direct (80% weightage)		Phase I Project (7 <sup>th</sup> sem)	Review	Once per course				
			Review	Once/Twice per course				
		Phase II (8 <sup>th</sup> sem)	Demonstration/Final Evaluation	Once per semester				
			Evaluation by Guide	Continuous evaluation				
		Indirect method	Once per course					
Indirect		Program	n Exit Survey	Once a year				
(20%	Surveys	Emple	oyer Survey	Once in two years				
weightage)		Alur	nni Survey	Once a year				

Table: Assessment tools used for evaluation of PO and PSO attainment

**\*** What are weights considered for direct and indirect.

#### Weightage for CO

#### • Theory Courses:

Direct assessment: 80 % (End Sem (60%) + Mid Sem (20%) + Continuous assessment (10 %)) Indirect assessment: 20 % (Course exit survey)

#### • Laboratory / Practical Courses:

Direct assessment: 80 % (End Sem (60%) + Continuous assessment (40 %)) Indirect assessment: 20 % (Course exit survey)

#### Weightage for PO

 Theory and Laboratory / Practical Courses: Direct assessment: 80 % (CO Attainment and CO-PO/PSO mapping) Indirect assessment: 20 % (Program exit survey (25%) + Employer survey (25%) + Alumni Survey (50%))

# DEPARTMENT OF ELECTRICAL ENGINEERING NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

## Minutes of the Meeting

Minutes of the meeting of the Departmental faculty members held on 6th February 2017, at 12p.m. in the departmental committee room of Electrical Engineering,

Following members attended the meeting:

1. Prof. S. A. Lone	
Professor & Head	Chairman
Department of Electrical Engineering	
2. Prot. M. D. Mufti	
Professor	Member
Department of Electrical Engineering 3. Prof. Abdul Hamid Bhat	
Professor	Member
Department of Electrical Engineering 4. Dr. Sheikh Javed Iqbal	
Associate Professor	Member
Department of Electrical Engineering 5. Dr. M. A.Bazaz	
Assistant Professor	Member
Department of Electrical Engineering	

Following points were discussed:

# 1. Direct and Indirect Assessment of Course Outcomes:

The members deliberated upon the method for Course Assessment. It was decided that Direct and Indirect assessment of courses will be adopted as per the following

#### Theory Courses:

CO Assessment will be done through two components: Direct Component and Indirect Component. Weightage of the direct Assessment will be 80% while as that of Indirect Component will be 20%. The Direct component will comprise of End-Term, Mid-term and Continuous Assessment with a weightage of 60%, 30% and 10% respectively. Indirect assessment will be done through course exit survey. Proforma for course exit survey was discussed and agreed upon as is given in Annexure I.

#### Project/Seminar Course

The direct component for Project & Seminar will be done through Demonstration, Viva and Presentation with a combined weightage of 100%. Indirect assessment will be done through course exit survey.

1527

# Laboratory / Practical Courses

For laboratory courses, the assessment will be done similarly, through two components: Direct Component and Indirect Component with weightage of 80% & 20% respectively. The Direct component will comprise of End semester evaluation and Continuous Assessment with a weightage of 60% and 40% respectively. Just like in case of theory. Indirect assessment will be done through course exit survey.

2. Direct & Indirect Assessment of Program Objectives (PO) and Program

# Following rubric shall be adopted for Direct & Indirect Assessment of POs and PSOs

Theory and Laboratory / Practical Courses:

Assessment of POs and PSOs will be done through two components: Direct Component and Indirect Component. Weightage of the direct Assessment will be 80% while as that of Indirect Component will be 20%. The Direct component will be formulated through CO Attainment and CO-PO/PSO mapping. Indirect assessment will be done through Program exit survey, Employer Survey and Alumni Survey with a weightage of 25%, 25% & 50%. Proforma for program exit survey, employer survey and Alumni Survey were discussed and agreed upon as is given in Annexure

- 3. Examination and Evaluation: The Department in line with the Institute policy adopts & shall adhere to the following evaluation module: Under the continuous assessment, Class test, Assignments & Attendance
- shall be given weightage and one mid exam will be conducted of all courses. The mid-term examination duration will be 90 minutes. The mid-term paper shall comprise of three questions and all the questions in the mid-term paper
- need to be attempted. The maximum marks for this exam are 30. The end-term examination will be of 180 minutes duration. The end-term
- paper shall comprise of five questions and out of five questions, four need to be attempted. The maximum marks for this exam will be 60. Examination papers shall be set by following the Bloom's taxonomy
- (understand, Apply, Analyze and create) in line with COs and POs. Oral assessment shall be done for assessment of projects.

Valuation Marks Awarded		
marks Awarded		
	Total	
20	Total	
10	50	
	50	

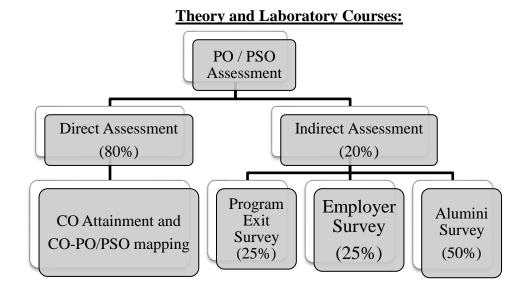
	department		
Project Guide Total Marks	Continuous monitoring of performance assessed by the guide	50	50
		100	100

Sit " Head

Department of Electrical Engineering

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#### What are tools considered for attainment?



#### Assessment tools used for evaluation of PO and PSO attainment

Figure: Flowchart for PO and PSOs accessment

#### PO / PSO Assessment Tools:

PO / PSO assessment is done by giving 80% weightage to direct assessment and 20% weightage to indirect assessment. Direct assessment is based on overall CO attainment and CO-PO/PSO mapping. Indirect assessment is done through program exit survey, alumni survey and employer survey. Program exit survey and employer survey are given a weightage of 25% each and alumni survey is given a weightage of 50%.

The various assessment tools used to evaluate POs / PSOs and the frequency with which the assessment processes are carried out are listed in below mentioned Table.

PO and PSO ASSESSMENT TOOLS							
		Course Type	Assessment Methods	Frequency			
		Theory	Mid-Term Exam	Once per course			
	Overall CO Attainment		Assignments	Twice/Thrice per course			
			End Sem Exam	Once per course			

		Laboratory	Daily Performance	Every lab session
		Examination	End Sem Exam	Once per course
		Seminar (7 <sup>th</sup> Sem)	Presentation	Once per semester
		Phase I Project (7 <sup>th</sup> sem)	Review	Once per course
			Review	Once/Twice per course
		Phase II (8 <sup>th</sup> sem)	Demonstration/Final Evaluation	Once per semester
			Evaluation by Guide	Continuous evaluation
		Indirect method	Course Exit Survey	Once per course
Indirect		Program	n Exit Survey	Once a year
(20%	Surveys	Emplo	oyer Survey	Once in two years
weightage)		Alun	nni Survey	Once a year

#### Quality / relevance of assessment tools and processes:

#### (i) Direct Assessment Tools and Process:

Direct CO Assessment tools used for the direct assessment of POs and PSOs. The attainment of each PO corresponding to a particular course is determined from the attainment values obtained for each course outcome related to that PO and the CO-PO mapping values. Similarly, the values of PSO attainment are also determined.

#### (ii) Indirect Assessment Tools and process:

Indirect assessment is done through program exit survey, alumni survey and employer survey where program exit survey and employer survey are given a weightage of 25% each and alumni survey are given a weightage of 50%.

#### **Program Exit Survey:**

An exit survey is conducted for students who have graduated out of the department for that year. The questionnaire format in the exit survey form to evaluate the attainment of POs and PSOs is given in section (a) and the relation of POs & PSOs with each question is given in section (b).

#### (a) Questionnaire Format

#### Assessment of Abilities, Skills, and Attributes acquired at NIT SRINAGAR

Please rate each of the following items in terms how well your education at NIT SRINAGAR prepared you for them.

Sl. No	Overall, are you satisfied with:	Extremely Satisfied	Satisfied	Somewhat Satisfied
1	Basic knowledge in mathematics, science,			
	Engineering and humanities.			
2	Ability to identify, design, analyze and solve			
	Electrical engineering problems.			
3	Design/development of complex engineering			
	problems and their solutions			
4	Conduct investigations of Complex Problems			
	Demonstrate the ability to apply advanced			
5	technologies to solve contemporary and new			
	Problems.			
6	Awareness to apply engineering solutions in			
	Global, national, and societal contexts.			
	Understanding professional engineering solutions in societal and environmental			
7	contexts			
	Understanding of professional and ethical			
8	Responsibilities			
	Ability to function as an effective member in			
9	multi-disciplinary teams			
10	Proficiency in the English language in both			
10	communicative and technical forms			
11	Demonstrate the ability to choose and apply			
11	appropriate resource management techniques			
	Capable of self-education and a clear			
	understanding of the value of updating their			
12	professional knowledge to engage in life-			
	long Learning.			
	Program aids in securing jobs in the fields of			
13	design, research, manufacturing, safety,			
	quality, sales and service			
	The program enhances creative and			
14	imaginative Skills required in Mechanical Engineering domain.			
	The program helps to progress through			
15	advanced degree or certificate programs			
	The program helps in innovative and			
16	entrepreneurship activities with high			
	professional standards			
L		L		

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Questions	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12

PSO1

Q13 & Q14

PSO2

Q15

PSO3

Q16

#### (b) Relation of POs and PSOs with questionnaire:

#### (c) Evaluation Process:

**PSOs** 

Questions

The questionnaire consists of 16 questions which are relevant for assessing each PO and PSO. The first 12 questions correspond to the 12 POs and the remaining 4 questions are for PSOs (Questions 13 & 14 are used to evaluate PSO 1, Question 15 is used to evaluate PSO 2 and Question 16 is used to evaluate PSO 3). Each question is having 3 options, namely, extremely satisfied, satisfied and somewhat satisfied, which is given marks 3, 2 and 1 respectively. The survey results are tabulated and the average values corresponding to each PO and PSO are calculated.

#### **Employer Survey:**

Feedback is taken at a frequency of once in two years from the employers who had given jobs to our graduates. The questionnaire format in the employer survey form to evaluate attainment of POs and PSOs is given in section (a) and the relation of POs & PSOs with each question is given in section(b)

#### (a) Questionnaire Format:

Rate the NIT SRINAGAR graduates working in your organization using the following criterion. Put a **tick mark** ( $\sqrt{}$ )

Knowledge, Skills, Abilities, Attitude and other Attributes expected out of NIT SRINAGAR graduates

Sl. No	Overall, are you satisfied with:	Extremely Satisfied	Satisfied	Somewhat Satisfied
1	Capacity for development and analysis of engineering problems and formulation of appropriate solutions, retaining professional and ethical responsibilities.			
2	Aptitude for self-education, ability to learn new skills and a clear appreciation for the value of			

	lifelong learning to update professional	
	Knowledge	
3	Understanding professional engineering solutions for sustainable development and their application	
Ŭ	in global, national and societal contexts.	
4	Competence for acquiring new skills and	
_ •	applying them in research and development	
	Fundamental knowledge in mathematics and	
5	science and professional fluency in English both	
	communicative and technical forms	
	Dexterity in the differentiation of management	
6	techniques and possession of leadership skills that	
U	enable the successful function of multi-	
	disciplinary teams	

#### (b) Relation of POs and PSOs with questionnaire:

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Questions	Q1 & Q5	Q1	Q3	Q4	Q2 & Q4	Q3	Q3	Q1	Q6	Q5	Q6	Q2

PSOs	PSO 1	PSO 2	PSO 3	
Questions	Q1, Q2, Q3, Q4	Q2, Q4	Q1, Q3, Q5, Q6	

#### (c) Evaluation Process:

The questionnaire consists of 6 questions. These questions are relevant for assessing each PO and PSO. If multiple questions satisfy a PO, then their average is taken. A similar procedure is followed for PSOs also. Each question is having 3 options namely, extremely satisfied, satisfied and somewhat satisfied, which is given marks 3, 2 and 1 respectively. These marks are tabulated and the average values corresponding to each PO and PSO are determined.

#### Alumni Survey:

Feedback is taken from alumni. The questionnaire format in the alumni survey form to evaluate attainment of POs and PSOs is given in section (a) and the relation of POs & PSOs with each question is given in section (b).

#### (a) Questionnaire Format:

# Assessment of Knowledge, Skills, Abilities, Attitude, and attributes acquired at NIT SRINAGAR.

Please rate each of the following Knowledge, skills, abilities, attitudes (K, S, A) or attribute in terms how well NIT SRINAGAR inculcated them in your education.

Basic knowledge in mathematics, science, Engineering and humanities.         Ability to identify, formulate and analyze         Engineering problems.         Design/development of complex engineering problems and their solutions         The Conduct investigations of Complex Problems         Demonstrate the ability to apply         advanced technologies to solve contemporary and new problems.         Understanding professional engineering solutions in societal and environmental contexts         Awareness to apply engineering solutions in 7 global, national, and societal contexts.         Understanding of professional and ethical responsibilities.         Ability to function as an effective member in 9 multi-disciplinary teams         Proficiency in the English language in 10 both communicative and technical forms         Demonstrate the ability to choose and apply 11 appropriate resource management techniques         Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.         Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service	Sl. No	Overall, are you satisfied with:	Extremely Satisfied	Satisfied	Somewhat Satisfied
Ability to identify, formulate and analyze         Engineering problems.         Design/development of complex engineering problems and their solutions         4       Conduct investigations of Complex Problems         Demonstrate the ability to apply         5       advanced technologies to solve contemporary and new problems.         6       Understanding professional engineering solutions in societal and environmental contexts         7       global, national, and societal contexts.         8       responsibilities.         9       multi-disciplinary teams         9       multi-disciplinary teams         10       both communicative and technical forms         11       appropriate resource management techniques         12       Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.         12       Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service		Basic knowledge in mathematics,			
2       Engineering problems.         3       Design/development of complex engineering         3       problems and their solutions         4       Conduct investigations of Complex Problems         5       Demonstrate the ability to apply         advanced technologies to solve contemporary and new problems.	1	science, Engineering and humanities.			
Design/development of complex engineering         groblems and their solutions         4       Conduct investigations of Complex Problems         5       Demonstrate the ability to apply         6       Deferstanding professional engineering         7       global, national, and societal contexts.         10       Understanding of professional and ethical         8       responsibilities.         9       multi-disciplinary teams         10       both communicative and technical forms         11       appropriate resource management techniques         12       Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.         12       Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service		Ability to identify, formulate and analyze			
3       problems and their solutions         4       Conduct investigations of Complex Problems         5       Demonstrate the ability to apply advanced technologies to solve contemporary and new problems.         6       Understanding professional engineering solutions in societal and environmental contexts         7       global, national, and societal contexts.         8       responsibilities.         4       Ability to function as an effective member in multi-disciplinary teams         9       multi-disciplinary teams         9       proficiency in the English language in both communicative and technical forms         10       both comstrate the ability to choose and apply appropriate resource management techniques         12       Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.         13       sales and service	2				
4       Conduct investigations of Complex Problems         Demonstrate the ability to apply         5       advanced technologies to solve contemporary and new problems.         6       Understanding professional engineering solutions in societal and environmental contexts         Awareness to apply engineering solutions in global, national, and societal contexts.         Understanding of professional and ethical responsibilities.         Ability to function as an effective member in multi-disciplinary teams         Proficiency in the English language in both communicative and technical forms         Demonstrate the ability to choose and apply         11       appropriate resource management techniques         Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.         12       Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service					
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6       Understanding professional engineering solutions in societal and environmental contexts         Awareness to apply engineering solutions in global, national, and societal contexts.         Understanding of professional and ethical responsibilities.         Ability to function as an effective member in multi-disciplinary teams         Proficiency in the English language in both communicative and technical forms         Demonstrate the ability to choose and apply appropriate resource management techniques         Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.         Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service	5	• • • •			
0       solutions in societal and environmental contexts         Awareness to apply engineering solutions in		<b>▲</b>			
solutions in societal and environmental contexts         Awareness to apply engineering solutions in         global, national, and societal contexts.         Understanding of professional and ethical         responsibilities.         Ability to function as an effective member in         multi-disciplinary teams         Proficiency in         the English language in         both communicative and technical forms         Demonstrate the ability to choose and apply         appropriate resource management techniques         Capable of self-education and a clear         understanding of the value of updating their         professional knowledge to engage in life-long         learning.         Program aids in securing jobs in the fields of         design, research, manufacturing, safety, quality,         sales and service	6				
7       global, national, and societal contexts.         Understanding of professional and ethical         8       responsibilities.         Ability to function as an effective member in         9       multi-disciplinary teams         Proficiency in       the English language in         10       both communicative and technical forms         Demonstrate the ability to choose and apply         11       appropriate resource management techniques         Capable of self-education and a clear         understanding of the value of updating their         professional knowledge to engage in life-long         learning.         Program aids in securing jobs in the fields of         design, research, manufacturing, safety, quality,         13       sales and service	•				
Understanding of professional and ethical responsibilities.         Ability to function as an effective member in multi-disciplinary teams         Proficiency in the English language in both communicative and technical forms         Demonstrate the ability to choose and apply         11 appropriate resource management techniques         Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.         Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service	_				
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Ability to function as an effective member in multi-disciplinary teams       9         Proficiency in the English language in both communicative and technical forms       10         Demonstrate the ability to choose and apply appropriate resource management techniques       11         Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.       11         Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service       13		• •			
9       multi-disciplinary teams         Proficiency in       the English language in         10       both communicative and technical forms         10       both communicative and technical forms         11       appropriate resource management techniques         12       Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long learning.         12       Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service	8				
Proficiency in       the English language in         10       both communicative and technical forms         Demonstrate the ability to choose and apply         11       appropriate resource management techniques         Capable of self-education and a clear         understanding of the value of updating their         professional knowledge to engage in life-long         learning.         Program aids in securing jobs in the fields of         design, research, manufacturing, safety, quality,         13	0	•			
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12       understanding of the value of updating their professional knowledge to engage in life-long learning.         Program aids in securing jobs in the fields of design, research, manufacturing, safety, quality, sales and service         13	11				
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design, research, manufacturing, safety, quality,13sales and service					
13 sales and service					
	13				
	13	The program enhances creative and imaginative			
14 skills required in Electrical Engineering	14				
domain.	14				
The program helps to progress through					
15 advanced degree or certificate programs	15				
The program beins in innovative and					
16 entrepreneurship activities with high	16				

professional standards	

#### (b) Relation of POs and PSOs with questionnaire:

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Questions	Q1	Q2	Q3	Q4	Q5	Q7	Q6	Q8	Q9	Q10	Q11	Q12

PSOs	PSO1	PSO2	PSO3
Questions	Q13 & Q14	Q15	Q16

#### (c) Evaluation Process:

The questionnaire consists of 16 questions which are relevant for assessing each PO and PSO. The first 12 questions are used to evaluate the 12 POs and the remaining 4 questions are for evaluating PSOs (Questions 13 & 14 are used to evaluate PSO 1, Question 15 is used to evaluate PSO 2 and Question 16 is used to evaluate PSO 3). Each question is having 3 options, namely, extremely satisfied, satisfied and somewhat satisfied, which is given marks 3, 2, and 1 respectively. These marks are tabulated and the average value is shown.

**\*** Number of samples are considered.

#### 2017-18

Alumni Survey: 14

**Employer Survey: 7** 

Program Exit Survey: 60

2018-19

Alumni Survey: 20

**Employer Survey: 7** 

**Program Exit Survey: 48** 

2019-20

Alumni Survey: 18

**Employer Survey: 06** 

## Program Exit Survey: 46

Table: PO Attainment of all co	ourses for A.Y. 2017-18
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Course	<b>PO1</b>	PO2	PO3	PO4	PO5	PO6	<b>PO7</b>	PO8	PO9	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
Physics-I	1.50	1.47	1.40	0.75	0.90							0.50
Physics Lab - I	1.55	0.87	0.97		1.72							1.52
Chemistry I	1.90	1.72	1.12		1.50	1.00	1.35		0.60	1.45	1.50	1.75
Chemistry I Lab	2.40	1.40			2.40	1.90	2.15			1.23	1.90	1.15
Mathematics-I	1.17	1.36	1.20	1.42	1.25	0.74						
Communication Skills & Oral									1.57	1.7.1	1.57	
Presentation									1.57	1.74	1.57	
Engineering Drawing	2.53	2.52	2.52	2.52	1.29	1.23	1.48	1.68			2.53	1.68
Computer Fundamentals & Problem Solving Techniques	2.22	1.09	0.36		0.85							1.72
Computer Fundamentals & Problem Solving Techniques Lab	1.55	0.87	0.97		1.72							1.52
Workshop Practices-I	2.77	0.92	0.92		1.85	1.85	1.85	1.85	2.77	1.85		2.77
Physics-II	1.20	1.18	1.08	0.60	0.68							0.40
Physics Lab - II	2.40	1.40			2.40	1.90	2.15			1.23	1.90	1.15
Chemistry II	2.07	1.64	1.89	0.97	1.21	0.89	2.28	0.97	0.97	1.95		1.64
Chemistry Lab-II	2.33	1.87	1.64			1.63	1.87			1.40	1.17	1.17
Mathematics II	1.38	1.07	1.19	0.89	0.56							
Introduction to Social Science									1.46	1.55	1.76	
Engineering Mechanics	2.30	2.30	1.35	1.66		1.52	1.23					
Machine Drawing	1.60	1.49	1.34	0.85	0.89	1.55	0.58				0.85	1.23
Computer Programming	0.80	2.40	2.20		2.25							
Computer Programming Lab	1.87	1.52	1.65		1.20	1.80						1.10
Workshop Practices-II	2.93	0.97	0.97		1.95	1.95	1.95	1.95	2.93	1.95		2.93
Basic Electrical Engineering	2.14	1.29	1.37	1.76	0.99						1.73	1.10
Basic Electrical Engineering Lab	2.25	2.25		1.75		2.50	2.00				2.25	
Network Analysis and Synthesis	2.30	2.30	2.30	1.90	1.80	0.37	1.40	0.50	0.75	1.25	0.75	2.30
Electronics-I	2.20	1.80	2.00	1.80		0.95	1.40				0.60	2.40
Electronics-I Lab	2.75	1.98		1.75		2.75	1.72				1.97	
Electro Magnetic Fields & Waves	2.78	2.34	1.85	1.42	2.53							
Electrical Engineering Materials	2.10	1.96	1.78	1.11	1.21	1.87	0.88				1.11	1.64
Mathematics-III	1.58	1.68	1.52	1.66						0.71	0.00	0.81
Thermal Engineering	2.40	1.80	1.80		1.70	1.60	1.40	1.60			2.10	1.60
Electrical Machines-I	1.96	1.96		1.47		2.37	1.55				1.96	
Electrical Machines-I Lab	2.75	1.98		1.75		2.75	1.72				1.97	
Control Systems-I	2.39	2.25	2.39	1.99	2.00	1.04	2.20	1.04	1.99	1.41	1.34	2.39
Electrical Measurements & Measuring Instruments	2.35	2.27	2.02	1.60	0.84	2.27	2.02				2.27	1.68
Electrical Measurements & Measuring Instruments Lab	2.15	2.03	1.78	1.40	0.76	2.03	1.78				2.03	1.52

Electronics-II	2.01	2.03	1.60	0.72		l				1.23	Ì	1.88
Electronics-II Lab	2.37	2.37	2.37	2.37	2.37					1.23		2.37
Hydraulics and Hydraulic			2.37		2.37							2.37
Machines	2.75	1.98		1.75		2.75	1.72				1.97	
Mathematics IV	1.82	2.10	1.93							0.82		0.37
Power Systems-I	1.37	1.81	1.37	0.79	0.31	0.60	1.10				0.14	1.50
Power Systems-I Lab	2.62	1.67	0.47	0.47	0.47	1.20	1.93					0.47
Electrical Machines-II	2.01	1.69	2.01	0.89	1.10	0.67	0.22					1.34
Electrical Machines-II Lab	1.98	1.42	2.13	0.95	0.71	0.71	0.22		1.42			1.42
Control Systems-II	2.31	1.94	1.82	1.82	1.82	1.41	0.56	0.28	1.29	0.89	0.52	1.90
Control Systems-II & VI Lab	2.30	1.85	1.79	1.47	1.47	1.22	1.45	0.96	1.65	1.47	0.68	1.79
Computer Aided Simulation of												
Electrical Systems	1.38	1.57	1.42	0.71	0.90	0.14	0.52	0.33	1.38	1.23	1.42	1.24
Communication Systems	2.65	2.41	2.18	1.92	2.65	1.20	1.69	0.47	1.44	0.71	1.44	2.17
Digital Electronics & Logic Design	2.50	2.53	2.30	1.88	2.10						1.83	2.75
Digital Electronics & Logic Design Lab	2.92	1.95	2.48	2.48				1.94	1.94		1.22	
Mathematics-V	1.57	1.21	1.57								0.67	0.00
Power Systems-II	1.73	1.88	1.84	1.53	1.69							1.30
Power Systems-II Lab	1.39	2.09	1.35	1.55	1.54							0.93
Power Electronics	1.43	1.70	1.34	1.65	1.01							1.10
Power Electronics Lab	2.08	1.83	1.99	1.33	0.41	1.33			2.24		2.49	1.58
Electrical Machine Design	1.03	1.11	1.03	1.23	0.90	1.00					0.76	0.52
Tour and Training	2.79	1.86	1.81	1.97	2.14		1.97		0.84	1.33	1.81	1.53
Digital Signal Processing	2.16	1.28	1.11	1.67	1.30	0.96	1.77		0.01	1.55	1.55	0.70
Microprocessors	2.32	1.03	1.80	1.54	1.80	1.03	0.26			0.26	1.28	1.28
Microprocessors Lab	2.90	1.60	1.60	2.30	2.90	1.00	0.20			1.00	2.00	1.00
Power System Protection	2.14	1.85	1.65	1.33	0.77	1.85	1.79			1.00	1.85	1.41
Power System Protection Lab	2.14	1.90	1.05	1.95	0.77	2.85	2.45				1.90	1.71
Advanced Power Electronics	2.85	2.28	1.65	0.17	0.32	0.13	0.63				1.90	1.52
Electronic Measurements &					0.32		0.03		0.20	0.20	0.20	
Instrumentation	2.00	2.00	2.20	0.40		0.20			0.20	0.20	0.20	1.10
Electronic Measurements & Instrumentation Lab	2.15	2.03	1.78	1.40	0.76	2.03	1.78				2.03	1.52
Elective I (Selected Topics in Advanced Control)	2.85	2.85	2.47	1.91	2.09	0.96	2.60	2.55	1.19	1.90	2.20	2.32
Elective I (Utilization and Traction)	2.19	1.93	1.69	1.95	1.44	2.43	2.43	1.44			1.62	1.70
Project Preliminary Work / Seminar	1.93	1.46	1.95			0.97					1.95	1.93
General Management & Economics		1.27	0.57			0.38	0.50	0.24	0.70		1.42	1.84
Power Systems-III	2.39	1.58	1.40	2.38	0.85	1.04					1.98	1.22
Elective-II (High Voltage Engineering)	1.10	0.70	0.70	0.50	0.70	0.40	0.10					0.70
Elective-II P (High Voltage Engineering Lab)	2.70	2.00	2.00	1.50	1.00	1.00			2.00			2.00
Power Station Practice	2.24	2.18	1.94	1.56	0.81	2.18	1.94				2.18	1.62
Project	2.34	2.32	1.86	2.22	1.65		0.99	2.83	1.89	0.94	1.89	

Elective-III (Maintenance & Design of Electrical sub- stations)	1.73	1.49	1.24	1.22	0.62				0.63			0.63
Direct Assessment	2.19	1.89	1.73	1.52	1.40	1.44	1.52	1.11	1.36	1.03	1.47	1.48
Program Exit Survey	1.98	1.85	2.02	1.77	1.72	1.83	1.77	1.87	1.87	1.92	2.02	2.08
Alumni	2.14	1.83	1.68	1.53	1.19	1.24	1.51	1.67	1.23	1.20	1.72	1.55
Employer	2.19	1.94	1.78	1.62	1.20	1.54	1.55	1.87	1.50	1.27	1.86	1.56
Indirect Attainment	2.11	1.86	1.79	1.61	1.32	1.46	1.59	1.77	1.46	1.40	1.83	1.68
Direct Attainment (80%)	1.75	1.51	1.38	1.21	1.12	1.15	1.22	0.89	1.09	0.82	1.18	1.18
Indirect Attainment (20%)	0.42	0.37	0.36	0.32	0.26	0.29	0.32	0.35	0.29	0.28	0.37	0.34
Overall PO/PSO Attainment	2.18	1.89	1.74	1.54	1.38	1.45	1.54	1.24	1.38	1.10	1.55	1.52

#### Table:-PO Attainment of all courses for A.Y. 2018-19

Course	<b>PO1</b>	PO2	PO3	PO4	PO5	PO6	<b>PO7</b>	PO8	PO9	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
Physics-I	2.03	2.00	1.75	0.88	1.08							0.68
Physics Lab - I	2.40	1.40			2.40	1.90	2.15			1.23	1.90	1.15
Chemistry I	2.29	1.56	1.21							1.52		1.90
Chemistry I Lab	2.43	1.45			2.43	1.94	2.18			1.30	1.93	1.21
Mathematics-I	1.39	1.68	1.50	1.73	1.54	0.88						
Communication Skills & Oral Presentation									2.07	2.27	2.05	
Engineering Drawing	1.11	1.11	1.11	1.11	0.74	0.74	0.74	0.00	1.11	1.11	0.74	0.74
Computer Fundamentals & Problem Solving Techniques	2.17	1.09	0.75		0.81							1.69
Computer Fundamentals & Problem Solving Techniques Lab	1.55	0.87	0.97		1.72							1.52
Workshop Practices-I	2.92	0.97	0.97		1.95	1.95	1.95	1.95	2.92	1.95		2.92
Physics-II	2.03	2.00	1.75	0.88	1.08							0.98
Physics Lab - II	2.60	1.70	1.80	2.02	2.40	1.90	2.15			1.23	1.90	1.15
Chemistry II	1.94	1.56	1.80	0.89	1.12	0.89	2.11	0.89	0.89	1.94		1.56
Chemistry Lab-II	2.36	1.88	1.64			1.64	1.88			1.39	1.26	1.18
Mathematics II	1.90	1.51	1.65	1.23	0.75							
Introduction to Social Science			1.78			1.35	1.11	1.19	1.73	1.78	0.97	1.78
Strength of Materials	2.77	2.77	1.32	1.51	0.00	1.43	1.18					
Machine Drawing	2.14	1.24	1.41	1.73	1.01						1.73	1.10
Computer Programming	2.70	2.00	2.00		1.20							
Computer Programming Lab	2.40	1.80	1.80		1.70	1.60	1.40	1.60			2.10	1.60
Workshop Practices-II	2.93	0.97	0.97		1.95	1.95	1.95	1.95	2.93	1.95		2.93
Basic Electrical Engineering	2.14	1.24	1.41	1.73	1.01						1.73	1.10
Basic Electrical Engineering Lab	2.25	2.25		1.75		2.50	2.00				2.25	
Network Analysis and Synthesis	2.30	2.30	2.30	1.90	1.80	0.37	1.40	0.50	0.75	1.25	0.75	2.30
Electronics-I	3.00	2.25	2.50	2.25		2.50	2.00				0.75	3.00
Electronics-I Lab	1.56	2.03	1.78	1.40	0.76	2.03	1.78				2.03	1.52
Electro Magnetic Fields & Waves	1.88	1.64	1.25	0.94	1.67							

Electrical Engineering Materials	1.60	1.49	1.34	0.85	0.89	1.55	0.58				0.85	1.23
Mathematics-III	1.73	1.91	1.71	1.72						0.77		0.77
Thermal Engineering	2.40	1.80	1.80	1.72	1.70	1.60	1.40	1.60		0.77	2.10	1.60
Electrical Machines-I	1.23	1.23	1.00	0.87	1170	1.64	0.96	1.00			1.64	1.00
Electrical Machines-I Lab	1.80	1.80		1.37		2.05	1.57				1.80	
Control Systems-I	2.05	1.97	2.05	1.65	1.82	0.95	1.94	0.78	1.65	1.31	1.13	2.05
Electrical Measurements &								0.70	1.05	1.51		
Measuring Instruments	2.15	2.03	1.78	1.40	0.76	2.03	1.78				2.03	1.52
Electrical Measurements &	2.35	2.27	2.02	1.60	0.84	1.91	2.02				2.27	1.68
Measuring Instruments Lab						1.71	2.02				2.27	
Electronics-II	1.59	1.72	1.68	1.41	1.55							1.22
Electronics-II Lab	1.59	1.72	1.68	1.41	1.55							1.22
Hydraulics and Hydraulic Machines	1.52	1.71	1.51	0.76	0.95	0.19	0.57	0.38	1.52	1.33	1.51	1.33
Mathematics IV	1.30	1.40	1.25							0.58		0.29
Power Systems-I	1.53	1.92	1.53	1.00	0.38	0.71	1.21				0.15	1.53
Power Systems-I Lab	2.65	1.68	0.47	0.47	0.47	1.22	1.93					0.47
Electrical Machines-II	1.86	1.54	1.40	0.77	1.05	0.62	0.15					1.24
Electrical Machines-II Lab	2.92	1.95	2.48	2.48							1.22	
Control Systems-II	1.70	1.40	1.37	1.37	1.37	1.11	0.48	0.24	0.97	0.59	0.40	1.43
Control Systems-II & VI Lab	2.30	1.85	1.79	1.47	1.47	1.22	1.45	0.96	1.65	1.47	0.68	1.79
Computer Aided Simulation of Electrical Systems	1.52	1.71	1.51	0.76	0.95	0.19	0.57	0.38	1.52	1.33	1.51	1.33
Communication Systems	2.65	2.41	2.18	1.92	2.65	1.20	1.69	0.47	1.44	0.71	1.44	2.17
Digital Electronics & Logic Design	2.17	2.15	1.91	0.94	1.71						1.50	2.40
Digital Electronics & Logic Design Lab	2.92	1.95	2.48	2.48				1.94	1.94		1.22	
Mathematics-V	1.28	1.05	1.17								0.58	
Power Systems-II	1.59	1.72	1.68	1.41	1.55							1.22
Power Systems-II Lab	1.38	2.03	1.36	1.56	1.49							0.91
Power Electronics	1.50	1.25	1.59	1.09	0.70	1.09	1.76	1.84	1.25	1.67		1.25
Power Electronics Lab	2.25	2.00	2.25	1.50	0.50	1.50			2.50		2.75	1.75
Electrical Machine Design	2.11	2.00	1.76	1.40	0.75	2.00	1.76				2.00	1.50
Tour and Training	2.66	1.77	1.72	1.88	2.03		1.88		0.77	1.24	1.72	1.46
Digital Signal Processing	1.96	1.27	1.13	1.68	1.28	0.98	0.00		0.00	1.40	1.54	0.98
Microprocessors	2.50	1.10	2.20	1.70	2.00	1.10	0.30		0.30	1.40	1.30	2.20
Microprocessors Lab	2.90	1.60	1.60	2.30	2.90	1.00	4 = -			1.00	2.00	1.00
Power System Protection	2.14	1.85	1.65	1.33	0.77	1.85	1.79				1.85	1.41
Power System Protection Lab	2.60	2.60	2.35	1.90	0.95	2.60	2.35				2.60	1.9
Advanced Power Electronics	2.20	2.20	1.60	0.20	0.30	0.10	0.60				1.01	1.40
Power Systems-III Electronic Measurements &	2.11	1.34	1.25	2.16	0.59	0.95					1.91	1.10
Instrumentation	2.00	2.00	2.20	0.40		0.20			0.20	0.20	0.20	1.10
Electronic Measurements & Instrumentation Lab	1.38	2.03	1.36	1.56	1.49							0.91
Power Station Practice	1.80	1.40	1.53	1.23	0.64	1.74	1.54				1.74	1.29
Elective I (Utilization and Traction)	2.19	1.93	1.69	1.95	1.44	2.43	2.43	1.44			1.62	1.70

Project Preliminary Work / Seminar	1.90	1.44	1.92			0.95					1.92	1.90
General Management & Economics		1.41	0.70			0.29	0.54	0.23	0.57		1.28	1.84
High Voltage Engineering	1.90	1.25	1.25	0.75	1.25	0.65	0.25					1.25
High Voltage Engineering Lab	2.00	2.00	1.50	1.00	1.00			2.00			2.00	3.00
Project	2.40	2.36	1.91	2.23	1.65		0.94	2.98	1.99	0.93	1.99	
Elective I (Selected Topics in Advanced Control)	2.23	2.14	1.40	1.87	0.35	1.81	1.46	0.82	1.31	1.11	0.59	2.39
Elective-III (Renewable source of electrical energy	1.48	1.81	1.48	1.15	0.38	1.10	1.45	0.73			0.39	0.54
Elective-III (Maintenance & Design of Electrical sub- stations)	1.73	1.49	1.24	1.22	0.62				0.63			0.63
Direct Assessment	2.02	1.79	1.65	1.43	1.25	1.34	1.42	0.96	1.27	1.06	1.51	1.44
Program Exit Survey	1.96	1.94	1.75	1.81	1.75	1.83	1.96	2.02	2.08	1.94	1.79	2.08
Alumni	2.25	2.20	1.85	1.70	1.75	1.90	1.95	1.90	2.05	2.25	2.05	2.20
Employer	2.01	1.96	1.61	1.63	1.11	1.59	1.53	1.57	1.55	1.46	1.39	1.55
Indirect Attainment	2.12	2.08	1.77	1.71	1.59	1.81	1.85	1.85	1.93	1.97	1.82	2.01
Direct Attainment (80%)	1.62	1.43	1.32	1.14	1.00	1.07	1.14	0.77	1.01	0.85	1.20	1.15
Indirect Attainment (20%)	0.42	0.42	0.35	0.34	0.32	0.36	0.37	0.37	0.39	0.39	0.36	0.40
Overall PO/PSO Attainment	2.04	1.84	1.67	1.49	1.32	1.43	1.51	1.14	1.40	1.24	1.57	1.56

#### Table: PO Attainment of all courses for A.Y. 2019-2020

Course	<b>PO1</b>	PO2	PO3	PO4	PO5	PO6	<b>PO7</b>	PO8	PO9	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
Basic Electrical Engineering	2.00	1.28	1.32	1.56	0.88	1.04	0.60	0.60		0.60	1.04	1.00
Basic Electrical Engineering Lab	2.25	2.25		1.75		2.50	2.00				2.25	
Engineering Chemistry	2.00	2.25	2.00	1.00		1.25	2.00	1.00	1.00	2.00	2.00	2.25
Engineering Chemistry Lab	2.50	2.00	2.50	1.00		1.50	2.00	1.00	1.00	2.00	2.00	2.50
Computer Programming	1.87	1.94	1.81		1.87						1.30	
Computer Programming Lab	1.75	3.00	3.00	2.00	0.50				0.50			2.50
BASIC ENGLISH & COMMUNICATION SKILLS									1.58	2.72	1.36	1.14
ENGINEERING DRAWING	2.50	2.50	2.50	2.50	2.70	2.70	1.70		2.50	2.50	1.70	1.70
MATHEMATICS I	1.17	1.56	1.56									
PHYSICS II	2.03	2.00	1.75	0.88	1.08							0.68
ELEMENTS OF MECHANICAL ENGINEERING.	2.70	1.80	1.80		0.20					1.80		2.70
ENGINEERING MECHANICS	3.00	2.00	2.00							2.00		3.00
ENVIRONMENTAL STUDIES	2.66	2.42	2.91		1.69	2.66	2.91			1.94	1.45	2.18
MATHEMATICS II	2.40	1.80	2.40								0.60	0.60
LANGUAGE LABORATORY									2.77	2.71	2.77	1.85
PHYSICS LABORATORY	1.50	1.25		1.75		2.50	2.00				2.25	
WORKSHOP PRACTICE	2.92	0.97	0.97		1.95	1.95	1.95	1.95	2.92	1.95		2.92
Basic Electrical Engineering	1.95	1.25	1.17	1.49	0.91						1.44	0.92

Basic Electrical Engineering	2.25	2.25		1.75		2.50	2.00				2.25	
Lab	2.25	2.25		1.75		2.50	2.00				2.25	
Network Analysis and	2.30	2.30	2.30	1.90	1.80	0.37	1.40	0.50	0.75	1.25	0.75	2.30
Synthesis						0.07	11.10	0.50	0.75	1.20	0.75	2.50
Electronics-I	1.90	1.51	1.65	1.23	0.75							
Electronics-I Lab	2.75	1.98		1.75		2.75	1.72				1.97	
Electro Magnetic Fields & Waves	3.00	2.50	2.00	2.50	2.75							
Electrical Engineering Materials	1.60	1.49	1.34	0.85	0.89	1.55	0.58				0.85	1.23
Mathematics-III	2.17	2.41	2.17	2.17	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.97
Thermal Engineering	2.91	2.18	2.18		1.94	1.93	1.70	1.94			2.87	1.94
Electrical Machines-I	1.23	1.23		0.87		1.64	0.96				1.64	
Electrical Machines-I Lab	2.25	2.25		1.75		2.50	2.00				2.25	
Control Systems-I	1.86	1.78	1.86	1.46	1.64	1.00	1.75	0.72	1.48	1.19	1.13	1.09
Electrical Measurements & Measuring Instruments	2.35	2.27	2.02	1.60	0.84	1.91	2.02				2.27	1.68
Electrical Measurements & Measuring Instruments Lab	2.35	2.27	2.02	1.60	0.84	1.91	2.02				2.27	1.68
Electronics-II	1.94	1.56	1.80	0.89	1.12	0.89	2.11	0.89	0.89	1.94		1.56
Electronics-II Lab	1.75	0.98		1.75		1.45	1.72				1.97	
Hydraulics and Hydraulic Machines	2.15	2.03	1.78	1.40	0.76	2.03	1.78				2.03	1.52
Mathematics IV	2.40	1.80	2.40								1.00	
Power Systems-I	1.10	1.41	1.10	0.70	0.26	0.57	1.40				0.09	1.15
Power Systems I Lab	2.57	1.63	0.47	0.47	0.47	1.17	1.87				0107	0.47
Electrical Machines-II	1.72	1.39	1.31	0.73	0.90	0.57	0.15					1.15
Electrical Machines-II Lab	1.15	1.03	0.78	1.40	0.76	2.03	1.78				2.12	1.52
Control Systems-II	2.04	1.71	1.57	1.57	1.56	1.22	0.40	0.20	1.12	0.83	0.44	1.70
Control Systems-II & VI Lab	2.62	2.07	2.06	1.68	1.74	1.43	1.18	0.80	1.82	1.74	0.55	1.24
Computer Aided Simulation of Electrical Systems	1.71	1.53	1.71	1.52	0.76	0.95	0.19	0.57	0.37	1.53	1.33	1.52
Communication Systems	2.65	2.41	2.18	1.92	2.65	1.20	1.69	0.47	1.44	0.71	1.44	2.17
Digital Electronics & Logic Design	1.19	1.07	0.83	0.23	0.79	1120	1107			0171	1.10	1.19
Digital Electronics & Logic Design Lab	2.92	1.95	2.48	2.48				1.94	1.94		1.22	
Mathematics-V	2.34	1.76	2.34								0.98	
Power Systems-II	1.43	2.15	1.46	1.58	1.60					L		0.96
Power Systems-II Lab	1.43	2.15	1.46	1.58	1.60			<u> </u>				0.96
Power Electronics	2.36	2.36	2.36	0.79	1.57			0.79			2.36	0.79
Power Electronics Lab	2.25	2.00	2.25	1.50	0.50	1.50		0.17	2.50		2.75	1.75
Electrical Machine Design	2.55	2.58	2.38	1.90	0.93	2.58	2.38		2.50		2.58	1.86
Tour and Training	2.77	1.84	1.78	1.97	2.20	2.50	1.97		0.81	1.31	1.78	1.50
Digital Signal Processing	2.33	1.53	1.78	1.97	1.49	1.18	1.77		0.01	1.51	1.81	1.20
Microprocessors	2.33	1.24	2.53	1.95	2.20	1.10	0.31			0.33	1.60	1.60
Microprocessors Lab	2.87	1.24	1.60	2.30	2.20	1.00	0.51			1.00	2.00	1.00
Power System Protection	2.90	2.33	2.01	1.67	0.97	2.21	1.88			1.00	2.00	1.69
Power System Protection Lab	2.22	2.55	2.01	1.67	0.97		2.40				2.21	2.75
Advanced Power Electronics						2.65						
Auvaliceu Power Electronics	2.00	2.00	1.30	0.20	0.20		0.60					1.30

Power Systems-III	2.11	1.34	1.25	2.16	0.59	0.95					1.91	1.10
Electronic Measurements & Instrumentation	1.55	1.63	1.75	0.63	0.00	0.80	0.00	0.00	0.80	0.80	0.80	0.83
Electronic Measurements & Instrumentation Lab	1.72	1.39	1.31	0.73	0.90	0.57	0.15					1.15
Power Station Practice	2.07	1.94	1.70	1.34	0.73	1.94	1.70				1.94	1.46
Elective I (Electric drives)	2.25	2.25		1.75		2.50	2.00				2.25	
Elective I (Utilization and Traction)	1.64	0.38	1.15	0.37	0.45	0.94	1.79	0.45			0.83	1.26
Project Preliminary Work / Seminar	1.93	1.45	1.94			0.96					1.94	1.93
General Management & Economics		1.41	0.47			0.29		0.24		0.57	1.28	1.84
High Voltage Engineering	2.90	1.90	1.90	1.20	1.90	1.00	0.50					1.90
Project	2.36	2.38	1.90	2.22	1.66		0.97	2.80	1.86	0.93	1.86	
Elective-II/III (Electric Drives)	2.21	2.08	2.21	1.90	1.93	2.06	2.09	2.06	2.12	2.19	2.08	2.20
Elective-III (System Planning & Load Forecasting)	1.73	1.88	1.84	1.53	1.69							1.30
Elective II (Selected Topics in Advanced Control)	2.89	2.50	1.93	2.12	0.97	2.64	2.57	1.20	1.93	2.25	2.40	2.70
Direct Assessment	2.13	1.81	1.73	1.49	1.16	1.46	1.38	0.71	1.16	1.13	1.60	1.41
Program Exit Survey	2.09	2.00	1.70	1.84	1.84	1.91	1.80	1.86	2.07	2.11	1.95	2.16
Alumni	2.19	2.00	1.89	1.77	1.81	1.89	2.02	2.04	2.09	2.09	2.06	2.17
Employer	2.38	2.31	2.54	2.23	2.27	2.54	2.54	2.31	2.23	2.46	2.23	2.31
Indirect Attainment	2.21	2.08	2.01	1.90	1.93	2.06	2.10	2.06	2.12	2.19	2.08	2.20
Direct Attainment (80%)	1.70	1.45	1.39	1.19	0.93	1.17	1.10	0.57	0.93	0.91	1.28	1.13
Indirect Attainment (20%)	0.44	0.42	0.40	0.38	0.39	0.41	0.42	0.41	0.42	0.44	0.42	0.44
Overall PO/PSO Attainment	2.15	1.86	1.79	1.57	1.31	1.58	1.52	0.98	1.35	1.34	1.69	1.57

#### **PSO Attainment**

Achieving the target will help the graduates to meet the Programme Educational Objectives. The CO attainment levels have been studied for a span of three academic years (A.Y) 2017-18, 2018-19 and 2019-20 graduate batches. The PSO attainment from each course is computed using the relation between the weightages linking CO and PSO as presented in section 3.1.2.2 and is given as

PSO Attainment = CO Attainment  $\times$  W/3

Where W is obtained from CO-PSO mapping as shown in 3.1.2.2

 Table: PSO Attainment of all courses for A.Y. 2017-18

Course	PSO1	PSO2	PSO3
Physics-I			
Physics Lab - I	0.76		0.76
Chemistry I	1.92	1.75	1.35
Chemistry I Lab	2.40	2.40	1.40

Mathematics-I	1.20	1.41	0.71
Communication Skills & Oral Presentation			
Engineering Drawing	2.52	1.68	1.68
Computer Fundamentals & Problem Solving Techniques	2.40	1.65	1.21
Computer Fundamentals & Problem Solving Techniques Lab	0.76	0.00	0.76
Workshop Practices-I	1.85	0.92	0.92
Physics-II	1.05	0.92	0.92
Physics Lab - II	2.40	2.40	1.40
Chemistry II	1.83	2.13	1.40
Chemistry Lab-II	2.10	2.34	1.10
Mathematics II	0.87	1.04	0.46
Introduction to Social Science	0.07	1.01	0.10
Engineering Mechanics	1.52	0.86	1.64
Machine Drawing	1.94	1.54	1.49
Computer Programming	1.60	1.60	
Computer Programming Lab	1.80	1.65	1.38
Workshop Practices-II	1.95	0.97	0.97
Basic Electrical Engineering	1.09	0.84	1.43
Basic Electrical Engineering Lab	2.00	2.25	1.00
Network Analysis and Synthesis	2.30	2.30	2.30
Electronics-I	2.40	2.40	1.80
Electronics-I Lab	1.72	2.75	0.88
Electro Magnetic Fields & Waves			
Electrical Engineering Materials	2.59	2.07	1.96
Mathematics-III	1.21	1.93	0.71
Thermal Engineering	2.40	1.40	2.40
Electrical Machines-I	1.82	1.96	0.78
Electrical Machines-I Lab	1.72	2.75	0.88
Control Systems-I	1.59	1.74	0.80
Electrical Measurements & Measuring Instruments	1.68	2.27	0.84
Electrical Measurements & Measuring Instruments Lab	1.52	2.03	0.76
Electronics-II	1.44	2.06	0.82
Electronics-II Lab	2.37	2.37	
Hydraulics and Hydraulic Machines	1.72	2.75	0.88
Mathematics IV	1.48	1.89	0.82
Power Systems-I	1.56	1.86	1.42
Power Systems-I Lab	2.13	1.42	1.18
Electrical Machines-II	2.01	2.01	0.67
Electrical Machines-II Lab	2.13	2.13	0.71
Control Systems-II	1.54	1.82	0.77
Control Systems-II & VI Lab	0.96	1.34	1.02
Computer Aided Simulation of Electrical Systems	1.23	1.42	0.52
Communication Systems	2.66	2.65	2.42
Digital Electronics & Logic Design	2.10	2.16	2.31
Digital Electronics & Logic Design Lab	1.94	2.92	1.94
Mathematics-V	1.02	1.61	0.77
Power Systems-II	0.82	1.69	1.69

Power Systems-II Lab	1.86	1.86	1.89
Power Electronics	1.90	1.85	1.54
Power Electronics Lab	1.99	1.40	1.84
Electrical Machine Design	0.75	0.76	0.52
Tour and Training	1.86	1.86	
Digital Signal Processing	1.37	1.46	1.55
Microprocessors	2.06	2.06	2.06
Microprocessors Lab	2.90	2.90	2.60
Power System Protection	1.41	1.61	0.77
Power System Protection Lab	1.90	2.65	0.95
Advanced Power Electronics	2.28	1.52	0.76
Electronic Measurements & Instrumentation	1.80	1.80	2.60
Electronic Measurements & Instrumentation Lab	1.52	2.03	0.76
Elective I (Selected Topics in Advanced Control)	2.85	2.85	2.47
Elective I (Utilization and Traction)	1.70	1.94	1.69
Project Preliminary Work / Seminar	1.95	0.49	1.93
General Management & Economics		1.84	
Power Systems-III	1.62	1.03	1.69
Elective-II (High Voltage Engineering)	1.10	1.10	0.40
Elective-II P (High Voltage Engineering Lab)	3.00	3.00	1.00
Power Station Practice	1.62	2.18	0.81
Project	1.89	1.89	1.89
Elective-III (Maintenance & Design of Electrical sub-stations)	1.24	1.24	0.62
Direct Assessment	1.81	1.95	1.36
Program Exit Survey	1.91	2.05	1.97
Alumni	1.85	1.81	1.48
Employer	1.90	2.02	1.30
Indirect Attainment	1.88	1.92	1.56
Direct Attainment (80%)	1.44	1.56	1.09
Indirect Attainment (20%)	0.38	0.38	0.31
Overall PO/PSO Attainment	1.82	1.95	1.40

#### Table: PSO Attainment of all courses for A.Y. 2018-19

Course	PSO1	PSO2	PSO3
Physics-I			
Physics Lab - I	2.40	2.40	1.40
Chemistry I	1.46	0.84	1.80
Chemistry I Lab	2.43	2.43	1.46
Mathematics-I	1.39	1.62	0.84
Communication Skills & Oral Presentation			
Engineering Drawing	1.11	1.11	1.11
Computer Fundamentals & Problem Solving Techniques	2.10	1.63	1.19
Computer Fundamentals & Problem Solving Techniques Lab	0.76	0.00	0.76
Workshop Practices-I	1.95	0.97	0.97
Physics-II			
Physics Lab - II	2.60	2.40	1.50

Chemistry II	1.74	2.01	1.11
Chemistry Lab-II	2.12	2.36	1.88
Mathematics II	1.15	1.32	0.63
Introduction to Social Science	1.10	1.52	0.05
Strength of Materials	1.44	0.84	1.62
Machine Drawing	1.12	0.86	1.39
Computer Programming	1.35	1.35	
Computer Programming Lab	2.40	1.40	2.40
Workshop Practices-II	1.95	0.97	0.97
Basic Electrical Engineering	1.12	0.86	1.39
Basic Electrical Engineering Lab	2.00	2.25	1.00
Network Analysis and Synthesis	2.30	2.30	2.30
Electronics-I	3.00	3.00	2.25
Electronics-I Lab	1.52	2.03	0.76
Electro Magnetic Fields & Waves			
Electrical Engineering Materials	1.94	1.54	1.49
Mathematics-III	1.33	1.94	0.77
Thermal Engineering	2.40	1.40	2.40
Electrical Machines-I	1.34	1.47	0.55
Electrical Machines-I Lab	1.60	1.80	0.80
Control Systems-I	1.37	1.49	0.68
Electrical Measurements & Measuring Instruments	1.52	2.03	0.76
Electrical Measurements & Measuring Instruments Lab	1.68	2.27	0.84
Electronics-II	0.78	1.56	1.56
Electronics-II Lab	0.78	1.56	1.56
Hydraulics and Hydraulic Machines	1.33	1.52	0.57
Mathematics IV	0.96	1.55	0.58
Power Systems-I	1.67	1.90	1.51
Power Systems-I Lab	2.17	1.45	1.20
Electrical Machines-II	1.86	1.86	0.62
Electrical Machines-II Lab	1.94	2.92	1.94
Control Systems-II	1.13	1.26	0.57
Control Systems-II & VI Lab	0.96	1.34	1.02
Computer Aided Simulation of Electrical Systems	1.33	1.52	0.57
Communication Systems	2.66	2.65	2.42
Digital Electronics & Logic Design	1.70	1.66	1.91
Digital Electronics & Logic Design Lab	1.94	2.92	1.94
Mathematics-V	0.73	1.30	0.58
Power Systems-II	0.78	1.56	1.56
Power Systems-II Lab	1.82	1.82	1.80
Power Electronics	1.67	1.18	1.47
Power Electronics Lab	2.25	1.50	2.00
Electrical Machine Design	1.50	2.00	0.75
Tour and Training	1.77	1.77	
Digital Signal Processing	1.39	1.45	1.56
Microprocessors	2.20	2.20	2.10
Microprocessors Lab	2.90	2.90	2.60

Power System Protection	1.41	1.61	0.77
Power System Protection Lab	2.00	2.60	0.95
Advanced Power Electronics	2.20	1.40	0.70
Power Systems-III	1.38	1.02	1.54
Electronic Measurements & Instrumentation	1.80	1.80	2.60
Electronic Measurements & Instrumentation Lab	1.82	1.82	1.80
Power Station Practice	1.29	1.74	0.64
Elective I (Utilization and Traction)	1.70	1.94	1.69
Project Preliminary Work / Seminar	1.92	0.48	1.90
General Management & Economics		1.84	
High Voltage Engineering	1.90	1.90	0.65
High Voltage Engineering Lab		3.00	1.00
Project	1.89	1.89	1.89
Elective I (Selected Topics in Advanced Control)	1.88	2.14	2.08
Elective-III (Renewable source of electrical energy	1.64	1.81	1.48
Elective-III (Maintenance & Design of Electrical sub-stations)	1.24	1.24	0.62
Direct Assessment	1.67	1.79	1.35
Program Exit Survey	1.88	1.94	1.85
Alumni	1.92	1.95	1.75
Employer	1.73	1.82	1.57
Indirect Attainment	1.86	1.92	1.73
Direct Attainment (80%)	1.34	1.43	1.08
Indirect Attainment (20%)	0.37	0.38	0.35
Overall PO/PSO Attainment	1.71	1.81	1.43

Table:-PSO Attainment of all courses for A.Y. 2019-20

Course	PSO1	PSO2	PSO3
Basic Electrical Engineering	0.92	0.56	1.12
Basic Electrical Engineering Lab	2.00	2.25	1.00
Engineering Chemistry	2.25	2.25	1.75
Engineering Chemistry Lab	2.00	2.00	1.70
Computer Programming			
Computer Programming Lab			
BASIC ENGLISH & COMMUNICATION SKILLS			
ENGINEERING DRAWING	2.50	2.50	2.50
MATHEMATICS I	1.94	1.94	0.97
PHYSICS II			
ELEMENTS OF MECHANICAL ENGINEERING.	2.70	1.80	2.70
ENGINEERING MECHANICS	3.00	2.00	2.00
ENVIRONMENTAL STUDIES	2.19	1.46	1.93
MATHEMATICS II	1.60	2.40	1.20
LANGUAGE LABORATORY			
PHYSICS LABORATORY	2.00	2.25	1.00
WORKSHOP PRACTICE	1.95	0.97	0.97
Basic Electrical Engineering	0.89	0.91	1.33

Basic Electrical Engineering Lab	2.00	2.25	1.00
Network Analysis and Synthesis	2.00	2.23	2.30
Electronics-I	1.15	1.32	0.63
Electronics-I Lab	1.72	2.75	0.03
Electro Magnetic Fields & Waves	1.72	2.15	0.00
Electrical Engineering Materials	0.94	1.54	1.49
Mathematics-III	1.69	2.42	0.97
Thermal Engineering	2.91	1.70	2.91
Electrical Machines-I Electrical Machines-I Lab	1.34	1.47 2.25	0.55
	2.00		1.00
Control Systems-I	1.25	1.39	0.82
Electrical Measurements & Measuring Instruments	1.68	2.27	0.84
Electrical Measurements & Measuring Instruments Lab	1.68	2.27	0.84
Electronics-II	1.74	2.01	1.11
Electronics-II Lab	1.72	2.75	0.88
Hydraulics and Hydraulic Machines	1.52	2.03	0.76
Mathematics IV	1.60	2.40	1.20
Power Systems-I	1.18	1.39	1.08
Power Systems-I Lab	2.10	1.40	1.17
Electrical Machines-II	1.72	1.72	0.57
Electrical Machines-II Lab	1.52	2.03	0.76
Control Systems-II	1.36	1.61	0.68
Control Systems-II & VI Lab	1.11	1.50	1.18
Computer Aided Simulation of Electrical Systems	1.39	1.33	0.57
Communication Systems	2.66	2.65	2.42
Digital Electronics & Logic Design	0.79	0.61	0.83
Digital Electronics & Logic Design Lab	1.94	2.92	1.94
Mathematics-V	1.56	2.34	1.17
Power Systems-II	1.91	1.91	1.92
Power Systems-II Lab	1.91	1.91	1.92
Power Electronics	2.36	1.57	1.57
Power Electronics Lab	2.25	1.50	2.00
Electrical Machine Design	1.86	2.58	0.93
Tour and Training	1.84	1.84	
Digital Signal Processing	1.67	1.73	1.87
Microprocessors	2.53	2.53	2.53
Microprocessors Lab	2.90	2.90	2.60
Power System Protection	1.69	2.21	0.97
Power System Protection Lab	1.95	1.95	2.75
Advanced Power Electronics	2.00	1.30	0.60
Power Systems-III	1.38	1.02	1.54
Electronic Measurements & Instrumentation	1.03	1.09	1.75
Electronic Measurements & Instrumentation Lab	1.72	1.72	0.57
Power Station Practice	1.46	1.94	0.73
Elective I (Electric drives)	2.00	2.25	1.00
Elective I (Utilization and Traction)	1.26	1.40	1.15
Project Preliminary Work / Seminar	1.94	0.49	1.93
General Management & Economics			

High Voltage Engineering	2.90	2.90	1.00
Project	1.90	1.90	1.90
Elective-II/III (Electric Drives)	2.02	2.02	2.02
Elective-III (System Planning & Load Forecasting)	0.82	1.69	1.69
Elective II (Selected Topics in Advanced Control)	2.12	2.50	2.31
Direct Assessment	1.72	1.86	1.31
Program Exit Survey	1.77	1.84	1.84
Alumni	1.99	1.98	1.94
Employer	2.35	2.27	2.37
Indirect Attainment	2.03	2.02	2.02
Direct Attainment (80%)	1.38	1.49	1.05
Indirect Attainment (20%)		0.40	0.40
Overall PO/PSO Attainment	1.78	1.89	1.45

	Υ.	Student Exit Survey Alumi- Survey
Assessment of Abilities, Skill terms how well your educat Name of Student: AADIL BILA Enrolment Number: ELE 25/		caujred at NIT SRINAGAR. Please rate each of the following items in
Basic knowledge in mather	natics, science, er	ngineering and humanities
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to identify, design, a	nalvze and solve e	electrical engineering problems
□ Extremely Satisfied	□ Satisfied	Somewhat satisfied
Design / development of a	omplox opcine cri	
□ Extremely Satisfied	□ Satisfied	ng problems and their solutions  Somewhat satisfied
Use of research-based know		
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
		technologies to solve contemporary and new Problems.
Extremely Satisfied	<b>₽′</b> Satisfied	□ Somewhat satisfied
Awareness to apply engine	ering solutions in	global, national, and societal contexts.
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Understanding professional	l engineering solu	tions in societal and environmental contexts.
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Understanding of profession	nal and ethical re	esponsibilities
Extremely Satisfied	atisfied ⊡	□ Somewhat satisfied
	•	
Ability to function as an eff		
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Proficiency in English langu	age in both com	municative and technical forms
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Demonstrate ability to cho	ose and apply ap	opropriate resource management techniques
Extremely Satisfied	Satisfied	□ Somewhat satisfied
	and a clear und	erstanding of the value of updating their professional knowledge to
Capable of self-education engage in life-long learning	g	
Extremely Satisfied	□ Satisfied	Somewhat satisfied
	bs in the fields of	design, research, manufacturing, safety, quality, sales and service
	☑ Satisfied	□ Somewhat satisfied
□ Extremely Satisfied		
Program enhances creativ	ve and imaginativ	ve skills required in Electrical Engineering domain
Extremely Satisfied	🛛 Satisfied	□ Somewhat satisfied
Program helps to progress	through advanc	ed degree or certification programs
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
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# Student Exit Survey Alumi Survey

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Assessment of Abilities, Skills and Attributes acquired at NIT SRINAGAR. Please rate each of the following items in terms how well your education at NIT SRINAGAR prepared you for them. Name of Student: ALTAF ALI Enrolment Number: ELE 28/13

Basic knowledge in mathe	ematics, science, er	ngineering and humanities
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Ability to identify, design,	analyze and solve a	electrical engineering problems
Z Extremely Satisfied	□ Satisfied	
		Somewhat satisfied
Design / development of	complex engineerir	ng problems and their solutions
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Use of research-based kn	owledge and resec	arch methods
□ Extremely Satisfied	Satisfied	$\Box$ Somewhat satisfied
Demonstrate the ability to	o apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
wareness to apply engi	neering solutions in	global, national, and societal contexts.
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Understanding profession	al engineering solu	tions in societal and environmental contexts.
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Understanding of profess	ional and ethical re	esponsibilities
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Ability to function as an e	effective member i	n multi-disciplinary teams
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Proficiency in English lang	guage in both com	nmunicative and technical forms
Extremely Satisfied	Satisfied	□ Somewhat satisfied
monstrate ability to c	hoose and apply a	ppropriate resource management techniques
Extremely Satisfied	Satisfied	Somewhat satisfied
	ion and a clear und	derstanding of the value of updating their professional knowledge to
engage in life-long learn	ning	
D Extremely Satisfied	Satisfied	Somewhat satisfied
	n jobs in the fields o	of design, research, manufacturing, safety, quality, sales and service
Program alas in second	☑ Satisfied	□ Somewhat satisfied
Extremely Satisfied		
Program enhances crea	ative and imaginat	ive skills required in Electrical Engineering domain
Extremely Satisfied		
	ess through advance	ced degree or certification programs
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied

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# Student Exit Survey Alumi- Survey

Assessment of Abilitie	Skills and Attributes and the Automatical Automatical and Automatical Automati
terms how well your	es, Skills and Attributes acquired at NIT SRINAGAR. Please rate each of the following items in education at NIT SRINAGAR prepared you for them.
Name of Student: BA	
Enrolment Number:	ELE-27/13

Basic knowledge in mathem	nation reionae	
□ Extremely Satisfied	riches, science, eng	
	☑ Satisfied	□ Somewhat satisfied
Ability to identify, design, ar	nalyze and solve ele	ctrical engineering problems
L Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Design / development of co	omplex engineering	problems and their solutions
Ly Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Use of research-based know	vledge and researc	h methods
Z Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Demonstrate the ability to c	pply advanced tec	chnologies to solve contemporary and new Problems.
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Awareness to apply engine	ering solutions in glo	bal, national, and societal contexts.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding professional	engineering solutior	ns in societal and environmental contexts.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding of profession	al and ethical respo	onsibilities
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to function as an effe	ective member in m	ulti-disciplinary teams
Z Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Proficiency in English langua	age in both commu	nicative and technical forms
Extremely Satisfied	2 Satisfied	□ Somewhat satisfied
monstrate ability to choo	ose and apply appro	opriate resource management techniques
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Capable of self-education engage in life-long learning	and a clear understo	anding of the value of updating their professional knowledge to
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Program aids in securing job	os in the fields of des	sign, research, manufacturing, safety, quality, sales and service
Extremely Satisfied		Somewhat satisfied
Program enhances creative	e and imaginative sk	kills required in Electrical Engineering domain
Extremely Satisfied	□ Satisfied	⊠ Somewhat satisfied
Program helps to progress t	hrough advanced c	degree or certification programs
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
	•	

		The I was Parts Comments I . 12 and Character I at
		Student Exit Survey Alump's Sugrey
Assessment of Abilities, Ski terms how well your educe Name of Student:Aadil Hus Enrolment Number: 268/12	sain Ganai	cauired at NIT SPINAGAR. Please rate each of the following items in
Basic knowledge in mathe	ematics, science, e	naineering and humanities
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Ability to identify, design, a	analyze and solve	electrical engineering problems
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Design / development of		ing problems and their solutions
Extremely Satisfied	□ Satisfied	Somewhat satisfied
		,
Use of research-based kn		
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Demonstrate the ability to	apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Awareness to apply engi	neering solutions in	global, national, and societal contexts.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding profession	al engineering sol	utions in societal and environmental contexts.
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding of profess	ional and ethical r	esponsibilities
Extremely Satisfied	Satisfied	Somewhat satisfied
Ability to function as an e	effective member	in multi-disciplinary teams
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
	quage in both cor	nmunicative and technical forms
□ Extremely Satisfied	Godge in Sein een ☑ Satisfied	□ Somewhat satisfied
		appropriate resource management techniques
	noose and apply a Satisfied	□ Somewhat satisfied
Extremely Satisfied		
Capable of self-educati	ion and a clear un ping	derstanding of the value of updating their professional knowledge to
engage in life-long learn	☑ Satisfied	□ Somewhat satisfied
Extremely Satisfied		of design, research, manufacturing, safety, quality, sales and service
Program aids in securing	g jobs in the fields C Satisfied	□ Somewhat satisfied
Extremely Satisfied		
Program enhances cree	ative and imagina	tive skills required in Electrical Engineering domain
A Extremely Satisfied		
Broaram helps to progr	ess through advan	ced degree or certification programs
Program Holps with a second	Satisfied	□ Somewhat satisfied

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		Student Exit Survey / Almi-Survey
Assessment of Abilities, Ski terms how well your educe Name of Student: HAROON S Enrolment Number: 111/11-1	SADEADAZ KUAN	
Basic knowledge in mathe	matics, science, e	ngineering and humanities
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Ability to identify design		
☑ Extremely Satisfied	□ Satisfied →	electrical engineering problems
		□ Somewhat satisfied
Design / development of c		ng problems and their solutions
□ Extremely Satisfied	Satisfied	Somewhat satisfied
Use of research-based knc	wledge and resea	arch methods
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Demonstrate the ability to	apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Awareness to apply engine	eering solutions in	global, national, and societal contexts.
Extremely Satisfied	□ Satisfied	Somewhat satisfied
	1. 1999 M	
		tions in societal and environmental contexts.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding of professio	onal and ethical re	sponsibilities
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to function as an ef	fective member in	multi-disciplinary teams
□ Extremely Satisfied	Satisfied	□ Somewhat satisfied
Proficiency in English langu	Jage in both comr	nunicative and technical forms
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Demonstrate ability to cho	oose and apply ap	propriate resource management techniques
□ Extremely Satisfied	Satisfied	□ Somewhat satisfied
Capable of self-education engage in life-long learnin	n and a clear unde 19	erstanding of the value of updating their professional knowledge to
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Program aids in securing jo	obs in the fields of a	design, research, manufacturing, safety, quality, sales and service
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Program enhances creati	ve and imaginative	e skills required in Electrical Engineering domain
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Program helps to progress	through advance	d degree or certification programs
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied

2

		Student Exit Survey Alumini Survey
Assessment of Abilities terms how well your e Name of Student: En ument Number:	s, Skills and Attributes acc ducation at NIT SRINAGA Nyla Maji	quired at NIT SRINAGAR. Please rate each of the following items in R prepared you for them.
Basic knowledge in m		
☑ Extremely Satisfied		gineering and humanities □ Somewhat satisfied
Ability to identify, desi	gn, analyze and solve el	ectrical engineering problems
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Design / developmen	t of complex engineering	g problems and their solutions
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Use of research-based	d knowledge and resear	ch methods
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Demonstrate the abili	ty to apply advanced te	echnologies to solve contemporary and new Problems.
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Awareness to apply e	ngineering solutions in g	lobal, national, and societal contexts.
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Understanding profes	sional engineering solution	ons in societal and environmental contexts.
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding of pro	fessional and ethical resp	ponsibilities
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to function as a	an effective member in r	multi-disciplinary teams
☑ Extremely Satisfied		□ Somewhat satisfied
Proficiency in English	language in both comm	nunicative and technical forms
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
monstrate ability t	o choose and apply app	propriate resource management techniques
☑ Extremely Satisfied		□ Somewhat satisfied
Capable of self-educ engage in life-long le	cation and a clear under earning	rstanding of the value of updating their professional knowledge to
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Program aids in secu	ring jobs in the fields of d	lesign, research, manufacturing, safety, quality, sales and service
☑ Extremely Satisfied		□ Somewhat satisfied
Program enhances o	creative and imaginative	skills required in Electrical Engineering domain
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
		d degree or certification programs
☑ Extremely Satisfied		□ Somewhat satisfied
3		

		Student Exit Survey Burning Survey
Assessment of Abilities, Sk terms how well your educ Name of Student: Gowler Enrolment Number: ELL 2		cquired at NIT SRINAGAR. Please rate each of the following items in AR prepared you for them.
		ngineering and humanities
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to identify dosign		
Extremely Satisfied		electrical engineering problems
	☑ Satisfied	□ Somewhat satisfied
Design / development of	complex engineeri	ng problems and their solutions
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Use of research-based kn	owledge and resea	arch methods
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Demonstrate the ability to	o apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
wareness to apply engine	neering solutions in	global, national, and societal contexts.
Extremely Satisfied	Satisfied	☑ Somewhat satisfied
Understanding profession	al engineering solu	tions in societal and environmental contexts.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding of profess	ional and ethical re	esponsibilities
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to function as an e	effective member in	n multi-disciplinary teams
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Proficiency in English lang	guage in both com	municative and technical forms
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
monstrate ability to ch	noose and apply a	ppropriate resource management techniques
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Capable of self-education engage in life-long learn	on and a clear und ing	erstanding of the value of updating their professional knowledge to
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Program ajds in securing	jobs in the fields of	design, research, manufacturing, safety, quality, sales and service
☑ Extremely Satisfied	□ Satisfied	Somewhat satisfied
Program enhances crea	itive and imaginativ	ve skills required in Electrical Engineering domain
Extremely Satisfied	☑ Satisfied	Somewhat satisfied
Program helps to progre	ss through advanc	ed degree or certification programs
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied

# Assessment of Abilities, Skills and Attributes acquired at NIT SRINAGAR. Please rate each of the following items in Name of Student: Azeem Drabu Enrolment Number: ELE/16/13

Basic knowledge in math	nematics, science, e	engineering and humanities
	Satisfied	Somewhat satisfied
Ability to identify, design,	analyze and solve	electrical engineering problems
Extremely Satisfied	☑ Satisfied	Somewhat satisfied
Design / development of		ing problems and their solutions
□ Extremely Satisfied	□ Satisfied	
		Somewhat satisfied
Use of research-based kr	nowledge and resea	arch methods
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Demonstrate the ability to	o apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Awareness to apply engi	neering solutions in	global, national, and societal contexts.
Extremely Satisfied	☑ Satisfied	
		□ Somewhat satisfied
Understanding profession	al engineering solu	tions in societal and environmental contexts.
Extremely Satisfied	☑ Satisfied	$\Box$ Somewhat satisfied
Understanding of professi	ional and ethical re	sponsibilities
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to function as an e	ffective member in	multi-disciplinary teams
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Proficiency in English lang	guage in both com	municative and technical forms
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
monstrate ability to ch	oose and apply ap	propriate resource management techniques
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Capable of self-educatic engage in life-long learni	on and a clear unde ng	erstanding of the value of updating their professional knowledge to
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Program aids in securing	jobs in the fields of	design, research, manufacturing, safety, quality, sales and service
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Program enhances creat	ive and imaginative	e skills required in Electrical Engineering domain
Extremely Satisfied	🛛 Satisfied	□ Somewhat satisfied
Program helps to progres	s through advance	d degree or certification programs
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied

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# Student Exit Survey / Blumi Survey

Assessment of Abilities, Skills and Attributes acquired at NIT SRINAGAR. Please ra terms how well your education at NIT SRINAGAR prepared you for them.	te each of the following items in
Name of Student: ZAHID AFZAL THOKER	
Enrolment Number: ELE 21/13	

Basic knowledge in mathe	ematics, science, e	engineering and humanities
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Ability to identify the		
Ability to identify, design, a	analyze and solve	electrical engineering problems
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Design / development of	complex engineer	ing problems and their solutions
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Use of research-based kno	owledge and rese	arch methods
□ Extremely Satisfied	☑ Satisfied	$\Box$ Somewhat satisfied -
Demonstrate the ability to	apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Awareness to apply engin	eering solutions in	global, national, and societal contexts.
□ Extremely Satisfied	Satisfied	□ Somewhat satisfied
Understanding profession	al engineering solu	itions in societal and environmental contexts.
□ Extremely Satisfied	Satisfied	□ Somewhat satisfied
Understanding of profession	onal and ethical re	esponsibilities
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to function as an e	ffective member ir	n multi-disciplinary teams
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Proficiency in English lang	uage in both com	municative and technical forms
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Demonstrate ability to ch	oose and apply ap	ppropriate resource management techniques
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Capable of self-educatio engage in life-long learnin	n and a clear und ng	erstanding of the value of updating their professional knowledge to
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Program aids in securing	obs in the fields of	design, research, manufacturing, safety, quality, sales and service
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Program enhances creat	ive and imaginativ	e skills required in Electrical Engineering domain
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Program helps to progres	s through advance	ed degree or certification programs
Extremely Satisfied	Satisfied	□ Somewhat satisfied

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Assessment of Abilities, Sk terms how well your educ Name of Student:	cills and Attributes a ation at NIT SRINAG	Student Exit Survey / Bluming Survey cquired at NIT SRINAGAR. Please rate each of the following items AR prepared you for them.
	113	
Basic knowledge in math	ematics, science, e	ngineering and humanities
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Ability to identify, design.	analyze and solve	electrical engineering problems
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Design / development of	complex engineeri	ing problems and their solutions
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Use of research-based kr	nowledge and resea	arch methods
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Demonstrate the ability t	o apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Awareness to apply eng	ineering solutions in	global, national, and societal contexts.
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Understanding profession	nal engineering solu	utions in societal and environmental contexts.
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding of profes	sional and ethical re	esponsibilities
□ Extremely Satisfied	Satisfied	□ Somewhat satisfied
Ability to function as an	effective member in	n multi-disciplinary teams
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Proficiency in English lar	nguage in both com	municative and technical forms
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Demonstrate ability to c	hoose and apply a	ppropriate resource management techniques
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Capable of self-educat engage in life-long lear	ion and a clear und ning	erstanding of the value of updating their professional knowledge
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Program aids in securin	g jobs in the fields of	f design, research, manufacturing, safety, quality, sales and service
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Program enhances cre		ve skills required in Electrical Engineering domain
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
		ed degree or certification programs    Somewhat satisfied
Extremely Satisfied	-Satisfied	

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Student Exit Survey / Alu	my Surrey
Nites acquired at NIT SPINACAP, Pla	ease rate each of the following items in

Basic knowledge in mathe	ematics, science, e	naineering and humanities
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to identify, design, o	analyze and solve e	electrical engineering problems
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Design / development of	complex engineeri	ng problems and their solutions
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Use of research-based know	owledge and resec	arch methods
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Demonstrate the ability to	apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Awareness to apply engir	neering solutions in	global, national, and societal contexts.
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Understanding profession	al engineering solu	tions in societal and environmental contexts.
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding of professi	onal and ethical re	esponsibilities
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to function as an e	ffective member in	n multi-disciplinary teams
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Proficiency in English lang	guage in both com	municative and technical forms
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Demonstrate ability to ch	noose and apply a	opropriate resource management techniques
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Capable of self-education	on and a clear und	erstanding of the value of updating their professional knowledge to
engage in life-long learn	⊠ Satisfied	□ Somewhat satisfied
	iobs in the fields of	design, research, manufacturing, safety, quality, sales and service
-	□ Satisfied	☑ Somewhat satisfied
Extremely Satisfied		
Program enhances crea		ve skills required in Electrical Engineering domain
Extremely Satisfied	Satisfied	Somewhat satisfied
Program helps to progre	ss through advanc	ed degree or certification programs
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied

Rate the graduate of alional Institute of Technology Srinagar working in your organization on the following criteria: Knowledge, Skills, Abilities, Attilude and other Altributes

Copacity for develoc	t and apply is of a	represence problems and formalistion of sugregations and in
retaining professional	elnical responsibil	r procenno, proclastico consilioso cara cara cara a secondar a s
Extremely Satisfied	Satisfied	Somewhat satisfied
Aplilude for self-eauc update professional k	e, ability to learn n Jedge,	ew skills and a clear appreciation for the value of lifets ingressing to
D'Extremely Satisfied	Satisfied	Somewhat satisfied
Understanding profest national and societal	al engineering solu texts	tions for sustainable development and their application in global
☑∕Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Competence for acq	ig new skills and ap	oplying them in research and development
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Fundamental knowlec and technical forms	in mathematics ar	nd science and protessional Illuency in English both communicative
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Dexterity in differentic: function of multi-discip	of a anagercent t izy teans	techniques and bace-sion of learnarchic skills that end the same au
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied

Name of Company/Organization: Pacil Address: WAGOORA Authorized Signatory: Designation of Authorized Signatory: Gener Contact Number: Email:

Name of Employee: Mahak Jull Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 45/13 Contact Number: Email:

Rate the groduate c following criteria: Kno	ational Institute of Te ledge, Skills, Abilitie	echnology Srinagar working in your organization on the s, Attitude and other Attributes
Copacity for develop- retaining professional	n and analysis of eng	income problems and formulation of appropriate photons .
	etricol responsibilitie	\$.
DExtremely Satisfied	Satisfied	Somewhat satisfied
Aphlude for self-pour update professional k	r ability to learn acts leage.	Tulle fan de kommen ander kommen de komme
Destremely Satisfied	Satisfied	Somewhat satisfied
Understanding protest national and societal	il engineering solution	ns for sustainable development and their application in aford
D Extremely Satisfied	□ Satisfied	Somewhat satisfied
Competence for act	g new skills and opply	and formatives and developments
Creative Satisfied	Satisfied	□ Somewhat satisfied
Fundamental knowles and technical forms	in mothematics and	clience and protossional fluency in English both communicative
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Dexterity in differentie	ofmandgement for	handhauthend parte class. The reachance table table for a
function of multi-discu	uy teoms	
Extremely Satisfied	Satisfied	□ Somewhat satisfied

Name of Company/Organization: PGCIL Address: WAGOORA Designation of Authorized Signatory: General Manager Authorized Signatory: Contact Number: Email:

Name of Employee: Nuha Bilal Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 41/13 Contact Number: Email:

Rate the graduate of following criteria: Kn ational Institute of Technology Stinagor working in your organization on the ledge, Skills, Abilities, Attitude and other Attributes

Copacity for develop retaining professional	and analytis of en oth collasponsibilit	ateering modern and formytation. This map at 1993
Crextremely Satisfied	Satisfied	Somewhat satisfied
A trace to ach ear	, statictice ≧dic	NAR KING KARANGAN KARANGAN KANANGAN KANANGAN KANANGAN KANANGAN KANANGAN KANANGAN KANANGAN KANANGAN KANANGAN KAN
Dextremely Satisfied	Satisfied	Somewhat satisfied
understancing profes national and societal	d engineering solut-	ons for systemable development and their applications in a stat
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Competence for act	g new skills and opp	dying herr in research and anvelopment
Fextremely Satisfied	Satisfied	Somewhat satisfied
Fundamental knowles and technical forms	m malhamatics in a	rdens maket den Helse yn fugfik bothe i na de de
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Dexterity in differentia tung ion of multi-disc	of nichag)ement te 29 fearts	chingues and possession of leadership stalls. that endure successful
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied

Name of Company/Organization: PGCIL Address: WAGOORA Authorized Signatory: Designation of Authorized Signatory: General Mana Contact Number: Email:

Name of Employee: Jajamul Razaay Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 23/13 Contact Number: Email:

Rate the graduale of following criteria: Kri

-alional Institute of Technology Stinagar working in your organization on the -edge, Skills, Abilities, Allitude and other Alinboics

Copacity for develop and analysis of angine end problems and formal discert appropriate subset relaining professional e fire of te spine de file. Extremely Satisfied □ Satisfied Somewhat satisfied Aphilude for selfa due its bly her beginnen as shill such the here enjaged as the stream entry, we bledd a s opdate profession : 1 - chip • Extremely Satisfied □ Satisfied Somewhat satisfied Understanding prote-I engineering solution, for sustainable devidapment and their application is respect national and societal 1.X15 Extremely Satisfied □ Satisfied □ Somewhat satisfied Competence for acre a new skills and applying them in research and development. Extremely Satisfied Salisfied □ Somewhat satisfied Fundamental knowles in mothermatics and science and protestonal fluency in English both corrections afree and technical forms Extremely Satisfied □ Satisfied □ Somewhat satisfied of management techniques and possession of leaderchip skills that enous ... Dexterity in differentia to Bar tunction of multi-discr ay learns DExtremely Satisfied □ Satisfied □ Somewhat satisfied

Name of Company/Organization: PGCI WAGOORA Address: Authorized Signatory: General Manager Designation of Authorized Signatory: **Contact Number:** 

Name of Employee: Murtaza Hasan Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 13/13 Contact Number: Email:

Email:

Rate the graduate of following criteria: Kn

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ational Institute of Technology Srinagar working in your organization on the ledge, Skills, Abilities, Allitude and other Allributes

Capacity for develouretaining professional and analysis of engineering problem: and formulation of appropriate concerns official responsibilities.

□ Satisfied □ Somewhat satisfied

Aptitude for self-educ in ability to learn new skills and a clear approciation for the value of lifetoring known updgte professional known educe.

Extremely Satisfied

Understanding profess national and societat

Extremely Satisfied

Competence for acar

Extremely Satisfied

Fundamental knowled and technical forms Destremely Satisfied

Dezierity in differentia function of multi-disci-

Extremely Satisfied

at engineering solutions for sustainable development and their application in the

□ Somewhat satisfied

Somewhat satisfied

a new skills and applying them in research and developer ant.

□ Satisfied □ Somewhat satisfied

in mothematics and science and protestional fluency in English both commission

Satisfied

□ Satisfied

□ Satisfied

Somewhat satisfied

of management techniques and possession of leadership skills that enable succe by teams

□ Satisfied □ Somewhat satisfied

Name of Company/Organization: PGCI Address: WAGOORA Authorized Signatory: Designation of Authorized Signatory: General Contact Number: Email:

Name of Employee: Nyla Maird Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 63/13 Contact Number: Email:

Rate the graduate of National Institute of Technology Srinagar working in your organization on the following criteria: Knowledge, Skills, Abilities, Attitude and other Attributes

.

Capacity for developme retaining professional and	nt and analysis of e d ethical responsibili	ngineering problems and formulation ties.	of appropriate solutions,
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Aptitude for self-education update professional know	on, ability to learn ne vledge.	ew skills and a clear appreciation for	the value of lifelong learning to
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Understanding profession	al engineering solu	tions for sustainable development an	nd their application in global,
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Competence for acquirir	ng new skills and ap	plying them in research and develo	pment.
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Fundamental knowledge and technical forms	in mathematics ar	nd science and professional fluency	in English both communicative
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
function of multi-discipline	□ Satisfied	☑ Somewhat satisfied	
Autress: Authorized Signatory: N Designation of Authorized Contact Number: 959 Email:	Ir Shahid		
Name of Employee: R Year of Graduation from Enrolment Number: 62/ Contact Number: Email: rajbirer@gm	11		

# Rate the graduate of National Institute of Technology Srinagar working in your organization on the following criteria: Knowledge, Skills, Abilities, Attitude and other Attributes

Capacity for developme retaining professional and	ent and analysis of er d ethical responsibilit	igineering problems and formulation of appropric	ate solutions,
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Aptitude for self-education update professional know	on, ability to learn ne wledge.	ew skills and a clear appreciation for the value of	lifelong learning to
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied	
Understanding profession		ions for sustainable development and their appli	cation in global,
xtremely Satisfied	☑ Satisfied	□ Somewhat satisfied	
Competence for acquiri	ng new skills and ap	plying them in research and development.	4.17
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Fundamental knowledge and technical forms	e in mathematics an	d science and professional fluency in English bo	h communicative
Extremely Satisfied	☑ Satisfied	Somewhat satisfied	
Dexterity in differentiatio function of multi-disciplin		echniques and possession of leadership skills tha	t enable successfu
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Email: huthoke	Mr Hamidullah Thoke d Signatory: AEE 3962413 r7@gmail.com		
Year of Graduation from Enrolment Number: 13 Contact Number: 9797814	8/11	com	

Assessment of Abilities, Skills terms how well your educati Name of Student: A 2 Enrolment Number: 200	and Attributes acq gn at NIT SRINAGAR l lone	Student Exit Survey / Alumi' Muired at NIT SRINAGAR. Please rate e prepared you for them.	ach of the following items in
Basic knowledge in mathe	ematics, science	engineering and humanities	
Extremely Satisfied	☑ Satisfied	Somewhat satisfied	
Ability to identify, design, an	alyze and solve ele	ctrical opering and	2
□ Extremely Satisfied	☑ Satisfied	Somewhat satisfied	~
Design / development of co		a somewhat satisfied	*k)
□ Extremely Satisfied	□ Satisfied		,
Use of research based know		Somewhat satisfied	2
Use of research-based know Extremely Satisfied			
	□ Satisfied	☑ Somewhat satisfied	-
Demonstrate the ability to a	pply advanced tec	chnologies to solve contemporary a	nd new Problems.
□ Extremely Satisfied	□ Satisfied	Somewhat satisfied	4
Awareness to apply enginee	ering solutions in alc	bal, national, and societal contexts	
Atremely Satisfied	☑ Satisfied	□ Somewhat satisfied	2
Understanding professional	ongingering solution		
		ns in societal and environmental co	ntexts.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied	12
Understanding of profession			Anot -
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	Hydra
Ability to function as an effe	ctive member in m	nulti-disciplinary teams	U
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	1
Proficiency in English langue	age in both commu		
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied	-
Demonstrate ability to choo	ose and apply appr	opriate resource management tec	hniques
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	2
able of self-education of engage in life-long learning	and a clear unders	tanding of the value of updating th	neir professional knowledge to
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied	2
Program aids in securing jok	os in the fields of de	sign, research, manufacturing, safe	ety, quality, sales and service
T Extremely Satisfied	□ Satisfied	Somewhat satisfied	4
Program enhances creative	e and imaginative s	skills required in Electrical Engineerir	ng domain
Extremely Satisfied	☑ Satisfied		2 '
Program helps to progress t	hrough advanced	degree or certification programs	
Longhy Satisfied	□ Satisfied	M 30mewhat sanshed	1
Program helps in innovative	and entrepreneur	ship activities with high professionc ☑ Somewhat satisfied	al standards
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	-
D Exilemely southing a			>

V .

Assessment of Abilities, Skill terms how well your educa Name of Student: Zanka Enrolment Number: 208/	l fame	Student Exit Survey A Humy-Survey cquired at NIT SRINAGAR. Please rate each of the following items in AR prepared you for them.
Basic knowledge in math	nematics, scienc	e, engineering and humanities
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Ability to identify, design, a		electrical engineering problems
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Design / development of c		ng problems and their solutions
Extremely Satisfied	□ Satisfied	
		⊠ Somewhat satisfied
Use of research-based kno	wledge and resea	arch methods
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Demonstrate the ability to	apply advanced	technologies to solve contemporary and new Problems.
□ Extremely Satisfied	□ Satisfied	Somewhat satisfied
Awareness to apply engine	eering solutions in	global, national, and societal contexts.
C Extremely Satisfied	□ Satisfied	⊠ Somewhat satisfied
Understanding profession	al engineering solu	itions in societal and environmental contexts.
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Understanding of professio	onal and ethical re	esponsibilities
Extremely Satisfied	□ Satisfied	⊠ Somewhat satisfied
Ability to function as an et	fective member i	n multi-disciplinary teams
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Proficiency in English lang	uage in both com	nmunicative and technical forms
Extremely Satisfied	⊠ Satisfied	Somewhat satisfied
Demonstrate ability to ch	oose and apply a	ppropriate resource management techniques
⊠ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
engage in life-long learni	n and a clear unc	derstanding of the value of updating their professional knowledge to
T Extremely Satisfied	□ Satisfied	⊠ Somewhat satisfied
Program gids in securing	jobs in the fields o	f design, research, manufacturing, safety, quality, sales and service
D Extremely Satisfied	□ Satisfied	⊠ Somewhat satisfied
Program enhances crea	tive and imaginati	ive skills required in Electrical Engineering domain
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Program helps to progres	ss through advance	ced degree or certification programs
Extremely Satisfied	□ Satisfied	
Program helps in innovat	tive and entreprer	neurship activities with high professional standards

Assessment of Abilities, Skill terms how well your educat Name of Student: Ajay sin Enrolment Number: Ele/241		Student Exit Survey ( Blumy Survey Equired at NIT SRINAGAR. Please rate each of the following items in AR prepared you for them.
Basic knowledge in math	nematics, science	e, engineering and humanities
☑ Extremely Satisfied	□ Satisfied	
Ability to identify, design, a	nalyze and solve a	Somewhat satisfied  Selectrical engineering problems
	≥ Satisfied	Somewhat satisfied
Design / development of c	omplex engineerir	ng problems and their solutions
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Use of research-based know	wledge and resea	irch methods
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Demonstrate the ability to	apply advanced t	technologies to solve contemporary and new Problems.
LI Extremely Solisiled	□ Satisfied	☑ Somewhat satisfied
Awareness to apply engine	eering solutions in	global, national, and societal contexts.
Letremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding professiona	al engineering solu	tions in societal and environmental contexts.
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Understanding of professio	onal and ethical re	esponsibilities
Extremely Satisfied	☑ Satisfied	
Ability to function as an ef	fective member in	n multi-disciplinary teams
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Proficiency in English lange	uage in both com	imunicative and technical forms
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Demonstrate ability to cha	pose and apply a	ppropriate resource management techniques
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
able of self-education engage in life-long learnin		lerstanding of the value of updating their professional knowledge to
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied .
Program aids in securing j	jobs in the fields of	f design, research, manufacturing, safety, quality, sales and service
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Program enhances creat	ive and imaginati	ve skills required in Electrical Engineering domain
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Program helps to progres	ss through advanc	ed degree or certification programs
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Program helps in innovat	ive and entrepren	neurship activities with high professional standards
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
		2

Enrolment Number: 216	/14	
Basic knowledge in ma	thematics, science,	, engineering and humanities
E Extremely equisited	□ Satisfied	D Somewhat satisfied
Ability to identify, design,	analyze and solve ele	ectrical engineering problems
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Design / development of	complex engineering	problems and their solutions
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Use of research-based kn	owledge and researc	ch methods
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Demonstrate the ability to	apply advanced te	chnologies to solve contemporary and new Problems.
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Awareness to apply engir	neering solutions in gl	obal, national, and societal contexts.
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Understanding profession	al engineering solutio	ons in societal and environmental contexts.
Extremely Satisfied	□ Satisfied	☑ Semewhat satisfied
Understanding of professi	onal and ethical resp	ponsibilities
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Ability to function as an e	ffective member in r	nulti-disciplinary teams
□ Extremely Satisfied	Satisfied	☑ Somewhat satisfied
Proficiency in English lang	juage in both comm	unicative and technical forms
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Demonstrate ability to ch	oose and apply app	propriate resource management techniques
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
pable of self-education engage in life-long learning	on and a clear under ng	standing of the value of updating their professional knowledge to
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Program aids in securing	jobs in the fields of d	esign, research, manufacturing, safety, quality, sales and service
D Extremely Satisfied	□ Satisfied	Somewhat satistied
Program enhances creat	tive and imaginative	skills required in Electrical Engineering domain
D Extremely Satisfied	□ Satisfied	M 2011emildi adialed
Program helps to progres	ss through advanced	degree or certification programs
Extremely Satisfied	□ Satisfied	M Somewhar sensited
Program helps in innovat	ive and entrepreneu	urship activities with high professional standards ☑ Somewhat satisfied

	the second second	a interit company / At i mined
Assessment of Abilities, Skills	and Attributes	Student Exit Survey ( Afum, Survey cquired at NIT SRINAGAR. Please rate each of the following items in AR prepared you for them.
terms how well your education Name of Student: Moh and Enrolment Number: 2151	ion at NIT SRINAG	Quired at NIT SRINAGAR. Please rate each of the following items in
Enrolment Number: 315)	14 drfa	w
		e, engineering and humanities
Extremely Satisfied	- Science	e, engineering and humanities
Estremely Seller	alyze and solve e	Somewhat satisfied
L Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Design / development of co	mpley opain	ng problems and their solutions
☑ Extremely Satisfied		ng problems and their solutions
	□ Satisfied	Somewhat satisfied
Use of research-based know	vledge and resea	rch methods
L Extremely Satisfied	☑ Satisfied	Somewhat satisfied
Demonstrate the ability to c	pply advanced t	echnologies to solve contemporary and new Problems.
□ Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Awareness to apply engine	ering solutions in	
ktremely Satisfied		global, national, and societal contexts.
	□ Satisfied	□ Somewhat satisfied
Understanding professional	engineering solut	ions in societal and environmental contexts.
☑ Extremely Satisfied	□ Satisfied	Somewhat satisfied
Understanding of profession	nal and ethical res	sponsibilities
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Ability to function as an effe	ective member in	multi-disciplinary teams
□ Extremely Satisfied	$\square$ Satisfied	□ Somewhat satisfied
Proficiency in English langu	age in both comr	nunicative and technical forms
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied
Demonstrate ability to choo	ose and apply ap	propriate resource management techniques
☑ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
		I will a of the value of updating their professional knowledge to
		erstanding of the value of updating their professional knowledge to
engage in life-long learning		□ Somewhat satisfied
Extremely Satisfied	□ Satisfied	
Program aids in securing jo	bs in the fields of a	design, research, manufacturing, safety, quality, sales and service
Extremely Satisfied	☑ Satisfied	Somewhat satistiea
	and imaginative	e skills required in Electrical Engineering domain
Program enhances creativ		□ Somewhat satisfied
Extremely Satisfied	☑ Satisfied	
Program helps to progress	through advance	ed degree or certification programs
D Extremely Satisfied	☑ Satisfied	
		eurship activities with high professional standards
	e and ennepiene □ Satisfied	□ Somewhat satisfied
Extremely Satisfied	D Saisied	

3

		Student Exit Survey / Alumin Survey
Assessment of Abilities, Sk terms how well your educ Name of Student: Raja	ation at NIT SRINAG	cquired at NIT SRINAGAR. Please rate each of the following items in SAR prepared you for them.
Enrolment Number:		
750/ Basic knowledge in ma		ce, engineering and humanities
□ Extremely Satisfied	□ Satisfied	Somewhat satisfied
Ability to identify, design,	analyze and solve	electrical engineering problems
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied
Design / development of	complex engineer	ing problems and their solutions
⊠ Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Use of research-based kn	owledge and rese	arch methods
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Demonstrate the ability to	apply advanced	technologies to solve contemporary and new Problems.
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Awareness to apply engin	neering solutions in	global, national, and societal contexts.
Xtremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Understanding profession	al engineering solu	utions in societal and environmental contexts.
Extremely Satisfied	□ Satisfied	⊠ Somewhat satisfied
Understanding of professi	onal and ethical re	esponsibilities
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Ability to function as an e	ffective member i	n multi-disciplinary teams
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Proficiency in English lang	guage in both com	nmunicative and technical forms
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
Demonstrate ability to ch	noose and apply a	ppropriate resource management techniques
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
able of self-education engage in life-long learning		derstanding of the value of updating their professional knowledge to
Extremely Satisfied	□ Satisfied	⊠ Somewhat satisfied
Program aids in securing	jobs in the fields o	f design, research, manufacturing, safety, quality, sales and service
□ Extremely Satisfied	□ Satisfied	⊠ Somewhat satisfied
Program enhances crea	tive and imaginati	ve skills required in Electrical Engineering domain
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
	ss through advanc	ced degree or certification programs
Extremely Satisfied	⊠ Satisfied	□ Somewhat satisfied
		neurship activities with high professional standards  Somewhat satisfied
Extremely Satisfied	⊠ Satisfied	

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Rate the graduate of alional Institute of Technology Srinagar working in your organization on the following criteria: Knowledge, Skills, Abilities, Attilude and other Altributes

Copacity for develoc	t and apply is of a	represence problems and formalistion of sugregations and in
retaining professional	elnical responsibil	r procenno, proclastico consilioso cara cara cara a secondar a s
Extremely Satisfied	Satisfied	Somewhat satisfied
Aplilude for self-eauc update professional k	e, ability to learn n Jedge,	ew skills and a clear appreciation for the value of lifets ingre-
D'Extremely Satisfied	Satisfied	Somewhat satisfied
Understanding profest national and societal	al engineering solu texts	tions for sustainable development and their application in global
☑∕Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Competence for acq	ig new skills and ap	oplying them in research and development
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied
Fundamental knowlec and technical forms	in mathematics ar	nd science and protessional Illuency in English both communicative
Extremely Satisfied	□ Satisfied	Somewhat satisfied
Dexterity in differentic: function of multi-discip	of a anagercent t izy teans	techniques and bace-sion of learnarchic skills that end the same au
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied

Name of Company/Organization: Pacil Address: WAGOORA Authorized Signatory: Designation of Authorized Signatory: Gener Contact Number: Email:

Name of Employee: Mahak Jull Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 45/13 Contact Number: Email:

Rate the groduate c following criteria: Kno	ntional Institute of Technology Stinagat working in your organization on the ledge, Skills, Abilities, Attitude and other Attributes					
Copacity for develop- retaining professional	n and analysis of eng	income problems and formulation of appropriate photons .				
	etricol responsibilitie	\$.				
DExtremely Satisfied	Satisfied	□ Satisfied □ Somewhat satisfied				
Aphlude for self-pour update professional k	r ability to learn acts leage.	Tulle fan de kommen ander kommen de komme				
Destremely Satisfied	Satisfied	Somewhat satisfied				
Understanding protest national and societal	il engineering solution	ns for sustainable development and their application in aford				
D Extremely Satisfied	□ Satisfied	Somewhat satisfied				
Competence for act	g new skills and opply	and formatives and developments				
Creative Satisfied	Satisfied	□ Somewhat satisfied				
Fundamental knowles and technical forms	in mothematics and	clience and protossional fluency in English both communicative				
Extremely Satisfied	Satisfied	□ Somewhat satisfied				
Dexterity in differentie	ofmandgement for	handhauthend parte class. The reachance table table for a				
function of multi-discu	uy teoms					
Extremely Satisfied	Satisfied	□ Somewhat satisfied				

Name of Company/Organization: PGCIL Address: WAGOORA Designation of Authorized Signatory: General Manager Authorized Signatory: Contact Number: Email:

Name of Employee: Nuha Bilal Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 41/13 Contact Number: Email:

Rate the graduate of following criteria: Kn ational Institute of Technology Stinagor working in your organization on the ledge, Skills, Abilities, Attitude and other Attributes

Copacity for develop retaining professional	and analytis of en oth collasponsibilit	ateering modern, and formytation of discretionate oper-
Crextremely Satisfied	Satisfied	Somewhat satisfied
A trace to ach ear	, statictice ≧dic	s a fille a segre ser server sources to a
Dextremely Satisfied	Satisfied	Somewhat satisfied
understancing profes national and societal	d engineering solut-	ons for systemable development and their applications in a stat
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Competence for act	g new skills and opp	dying herr in research and anvelopment
Fextremely Satisfied	Satisfied	Somewhat satisfied
Fundamental knowles and technical forms	m malhamatics, ir k	rdens makenholenski korse fugili bothe e se de
Extremely Satisfied	Satisfied	□ Somewhat satisfied
Dexterity in differentia tung ion of multi-disc	of nichag)ement te 29 fearts	chingues and possession of leadership stalls. that endure successful
Extremely Satisfied	□ Satisfied	□ Somewhat satisfied

Name of Company/Organization: PGCIL Address: WAGOORA Authorized Signatory: Designation of Authorized Signatory: General Mana Contact Number: Email:

Name of Employee: Jajamul Razaay Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 23/13 Contact Number: Email:

Rate the graduale of following criteria: Kri

-alional Institute of Technology Stinagar working in your organization on the -edge, Skills, Abilities, Allitude and other Alinboics

Copacity for develop and analysis of angine end problems and formal discert appropriate subset relaining professional e fire of te spine de file. Extremely Satisfied □ Satisfied Somewhat satisfied Aphilude for selfa due its bly her beginnen as shill such the here enjaged as the stream entry, we bledd a s opdate profession : 1 - chip • Extremely Satisfied □ Satisfied Somewhat satisfied Understanding prote-I engineering solution, for sustainable devidapment and their application is respect national and societal 1.X15 Extremely Satisfied □ Satisfied □ Somewhat satisfied Competence for acre a new skills and applying them in research and development. Extremely Satisfied Salisfied □ Somewhat satisfied Fundamental knowles in mothermatics and science and protestonal fluency in English both corrections afree and technical forms Extremely Satisfied □ Satisfied □ Somewhat satisfied of management techniques and possession of leaderchip skills that enous ... Dexterity in differentia to Bar tunction of multi-discr ay learns DExtremely Satisfied □ Satisfied □ Somewhat satisfied

Name of Company/Organization: PGCI WAGOORA Address: Authorized Signatory: General Manager Designation of Authorized Signatory: **Contact Number:** 

Name of Employee: Murtaza Hasan Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 13/13 Contact Number: Email:

Email:

Rate the graduate of following criteria: Kn

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ational Institute of Technology Srinagar working in your organization on the ledge, Skills, Abilities, Allitude and other Allributes

Capacity for develouretaining professional and analysis of engineering problem: and formulation of appropriate concerns official responsibilities.

□ Satisfied □ Somewhat satisfied

Aptitude for self-educ in ability to learn new skills and a clear approciation for the value of lifetoring known updgte professional known educe.

Extremely Satisfied

Understanding profess national and societat

Extremely Satisfied

Competence for acar

Extremely Satisfied

Fundamental knowled and technical forms Destremely Satisfied

Dezierity in differentia function of multi-disci-

Extremely Satisfied

at engineering solutions for sustainable development and their application in the

□ Somewhat satisfied

Somewhat satisfied

a new skills and applying them in research and developer ant.

□ Satisfied □ Somewhat satisfied

in mothematics and science and protestional fluency in English both commission

Satisfied

□ Satisfied

□ Satisfied

Somewhat satisfied

of management techniques and possession of leadership skills that enable succe by teams

□ Satisfied □ Somewhat satisfied

Name of Company/Organization: PGCI Address: WAGOORA Authorized Signatory: Designation of Authorized Signatory: General Contact Number: Email:

Name of Employee: Nyla Maird Year of Graduation from NIT Srinagar: 2017 Enrolment Number: ELE 63/13 Contact Number: Email:

Rate the graduate of National Institute of Technology Srinagar working in your organization on the following criteria: Knowledge, Skills, Abilities, Attitude and other Attributes

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Capacity for developme retaining professional and	nt and analysis of e d ethical responsibili	ngineering problems and formulation ties.	of appropriate solutions,
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Aptitude for self-education update professional know	on, ability to learn ne vledge.	ew skills and a clear appreciation for	the value of lifelong learning to
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Understanding profession	al engineering solu	tions for sustainable development an	nd their application in global,
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Competence for acquirir	ng new skills and ap	plying them in research and develo	pment.
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Fundamental knowledge and technical forms	in mathematics ar	nd science and professional fluency	in English both communicative
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
function of multi-discipline	□ Satisfied	☑ Somewhat satisfied	
Autress: Authorized Signatory: N Designation of Authorized Contact Number: 959 Email:	Ir Shahid		
Name of Employee: R Year of Graduation from Enrolment Number: 62/ Contact Number: Email: rajbirer@gm	11		

# Rate the graduate of National Institute of Technology Srinagar working in your organization on the following criteria: Knowledge, Skills, Abilities, Attitude and other Attributes

Capacity for developme retaining professional and	ent and analysis of er d ethical responsibilit	igineering problems and formulation of appropric	ate solutions,
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Aptitude for self-education update professional know	on, ability to learn ne wledge.	ew skills and a clear appreciation for the value of	lifelong learning to
Extremely Satisfied	☑ Satisfied	□ Somewhat satisfied	
Understanding profession		ions for sustainable development and their appli	cation in global,
xtremely Satisfied	☑ Satisfied	□ Somewhat satisfied	
Competence for acquiri	ng new skills and ap	plying them in research and development.	4.17
Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Fundamental knowledge and technical forms	e in mathematics an	d science and professional fluency in English bo	h communicative
Extremely Satisfied	☑ Satisfied	Somewhat satisfied	
Dexterity in differentiatio function of multi-disciplin		echniques and possession of leadership skills tha	t enable successfu
□ Extremely Satisfied	□ Satisfied	☑ Somewhat satisfied	
Email: huthoke	Mr Hamidullah Thoke d Signatory: AEE 3962413 r7@gmail.com		
Year of Graduation from Enrolment Number: 13 Contact Number: 9797814	8/11	com	



#### ALUMNI SURVEY

Questions Responses 19

# **ALUMNI SURVEY**

Assessment of Abilities, Skills and Attributes acquired at NIT SRINAGAR Please rate each of the following items in terms how well your education at NIT SRINAGAR prepared you for them. Use option for choosing your option.

Email \*

Valid email

This form is collecting emails. Change settings

Name of the Candidate:

Short answer text

Batch/Enrolment No.: \*

Short answer text

1. Basic knowledge in mathematics, science, engineering and humanities. $^{\star}$					
Extremely Satisfied					
O Satisfied					
O Somewhat Satisfied					
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O Extremely Satisfied
O Satisfied
O Somewhat satisfied
3. Design / development of complex engineering problems and their solutions * *
O Extremely Satisfied
O Satisfied
O Somewhat satisfied
4. Use of research-based knowledge & research methods * *
O Extremely Satisfied
O Satisfied
O Somewhat satisfied
5. Demonstrate the ability to apply advanced technologies to solve contemporary and $^{\star}$ * new Problems.
O Extremely Satisfied
O Satisfied
O Somewhat satisfied
6. Awareness to apply engineering solutions in global, national, and societal * *
$\begin{array}{cccccccccccccccccccccccccccccccccccc$

O Satisfied			
O Somewhat satisfied			
7. Understanding professional en	gineering solutions in societa	al and environmental	* *
contexts			
O Extremely Satisfied			
Satisfied			
Somewhat satisfied			
8. Understanding of professional an	d othical responsibilities *		*
	d ethical responsibilities		
Extremely Satisfied			
Satisfied			
O Somewhat satisfied			
9. Ability to function as an effective	member in multi-disciplinary	r teams *	*
Extremely Satisfied			
Satisfied			
0			
Somewhat satisfied			
10. Proficiency in English language	in both communicative and	technical forms *	*
O Extremely Satisfied			
O Satisfied			
÷ <b>£</b>	Tr 🖂		

11. Demonstrate the ability to choose and apply appropriate resource management * techniques	*
Extremely Satisfied	
O Satisfied	
O Somewhat satisfied	
12. Capable of self-education and a clear understanding of the value of updating their * professional knowledge to engage in life-long Learning.	*
Extremely Satisfied	
O Satisfied	
O Somewhat satisfied	
13. Program aids in securing jobs in the fields of design, research, manufacturing, * safety, quality, sales and service	*
O Extremely Satisfied	
O Satisfied	
O Somewhat satisfied	
14. Program enhances creative and imaginative skills required in electrical engineering $^{\star}$ domain.	*
O Extremely Satisfied	
O Satisfied	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	

15. Program helps to progress through advanced degree or certificate programs $^{\star}$	*
O Extremely Satisfied	
O Satisfied	
O Somewhat satisfied	



		$\bigcirc$		• •	n
ALUMNI SURVEY					
Questions Responses 19					
19 responses				i	* * *
		Accept	ing respo	onses	
Summary	Question		Individu	ual	
Who has responded?					
Email					
choorrohit@gmail.com					- 1
moazim9797@gmail.com					
amannigam49@gmail.com					
ubaidbwani@gmail.com					- 1
haseebamaq@gmail.com					
ak9797657410@gmail.com					
rohitkumar65005@gmail.com					
shivanshutripathi11@gmail.com					
mahmadaabraf101@amail.aam					•

19 responses

Sagar Dubey

Rohit Kumar Shah

Aman Nigam

**OWAIS ALI** 

Ankit Kumar

**Rohit Choor** 

Enayat Gull

Md AMIR KHALIL

Aman Deep

19 responses

ELECT-43/16

Elect-11/16

ELECT-156/16

Elect-40/16

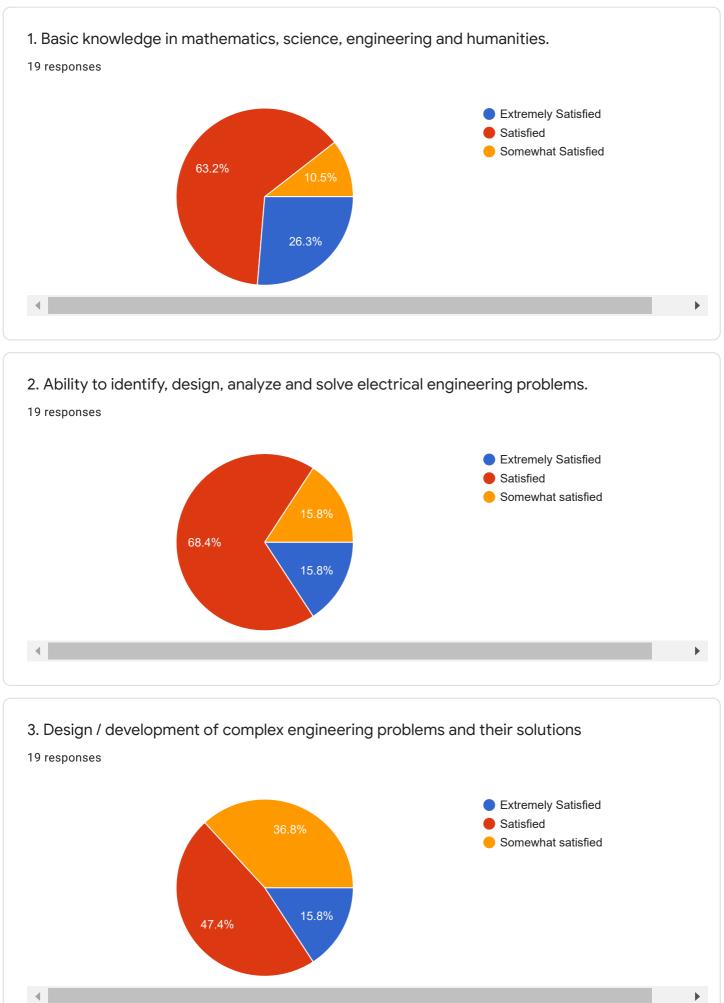
ELECT-396/16

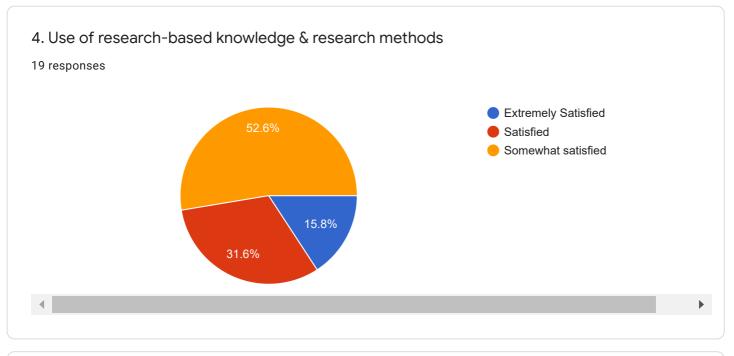
Elect/22/15

2020/Elect-17/16

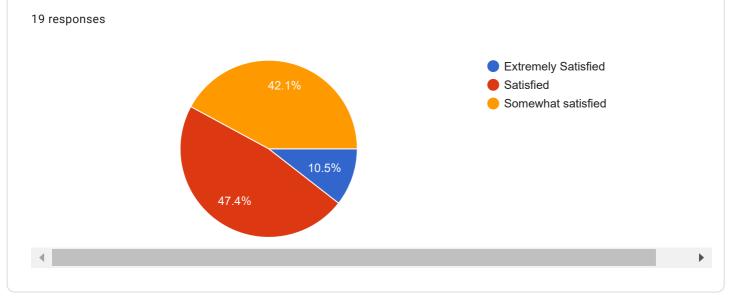
ELECT-69/16

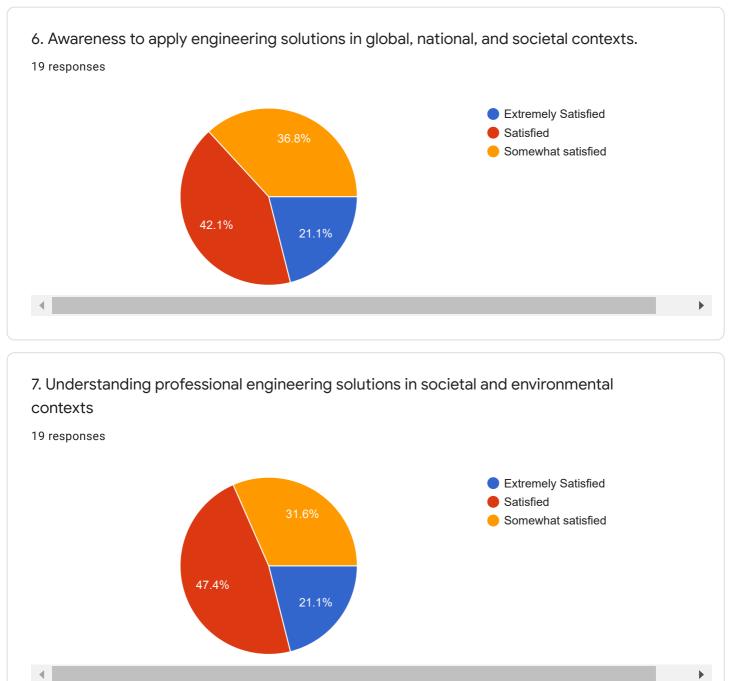
ELECT-147/16

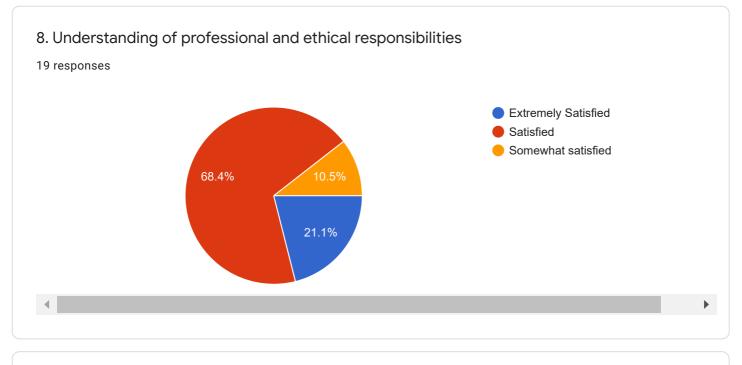




5. Demonstrate the ability to apply advanced technologies to solve contemporary and new Problems.

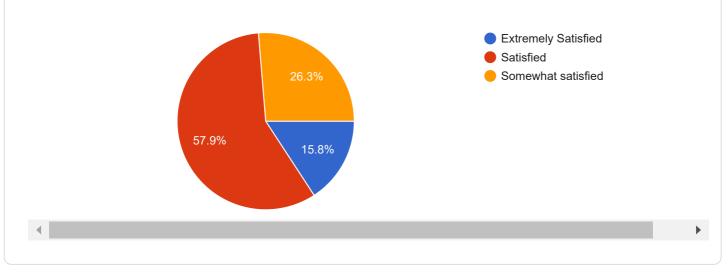






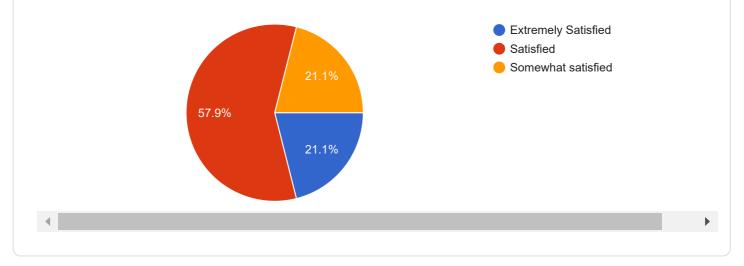
9. Ability to function as an effective member in multi-disciplinary teams

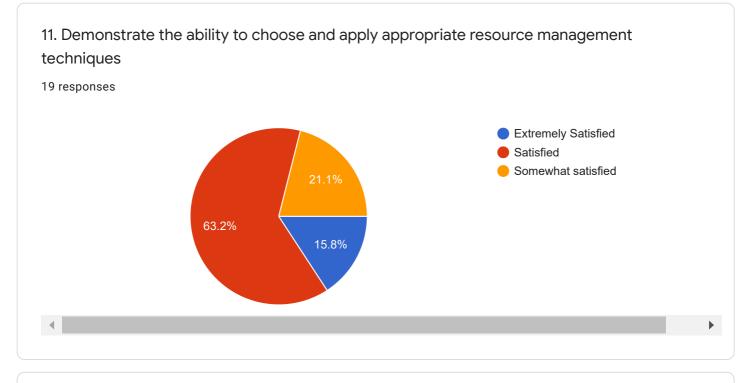
19 responses



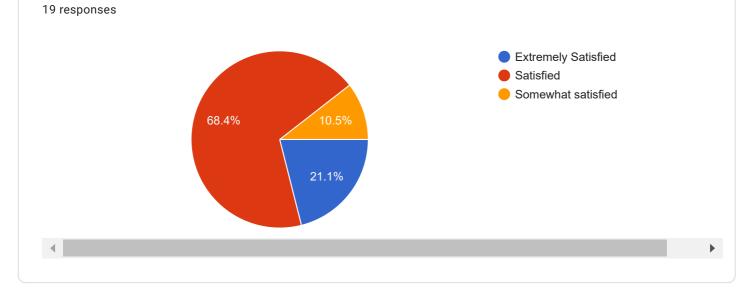
10. Proficiency in English language in both communicative and technical forms

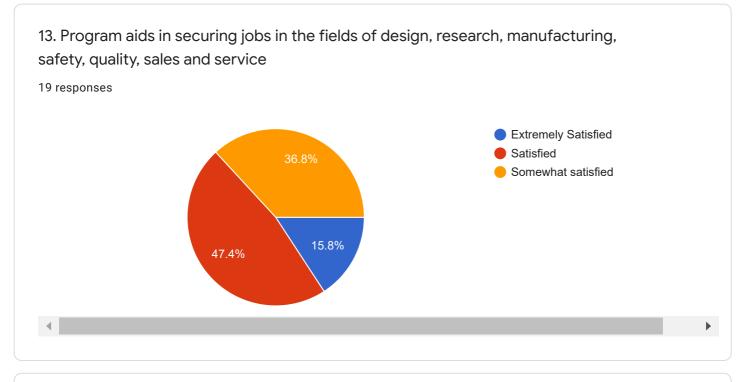




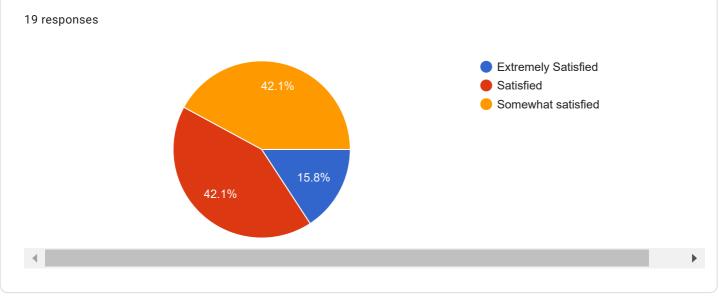


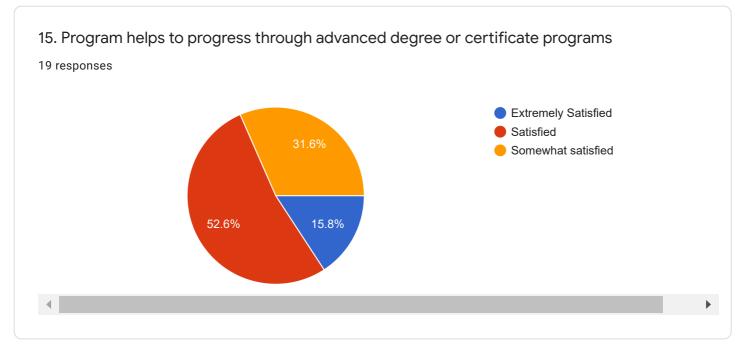
12. Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long Learning.





14. Program enhances creative and imaginative skills required in electrical engineering domain.







5

EMPLOYER SURVEY

Questions Responses

# **EMPLOYER SURVEY**

Rate the NIT SRINAGAR graduates working in your organization using the following criterion. Put an appropriate option. Feedback is taken at a frequency of once in two years from the employers who had given jobs to our graduates.

Knowledge, Skills, Abilities, Attitude and other Attributes expected out of NIT SRINAGAR graduates:

Email \*

Valid email

This form is collecting emails. Change settings

Name & Address of the Employer:

Short answer text

Name of the Student Employed: \*

Short answer text

Overall, are you satisfied with: 1. Capacity for development and analysis of \* engineering problems and formulation of appropriate solutions, retaining professional and ethical responsibilities.

Τт

Extremely Satisfied

Satisfied

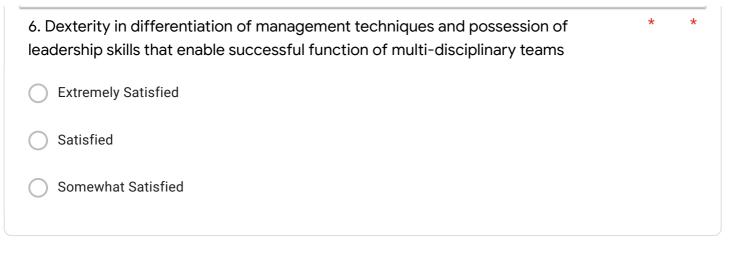
(+)

5

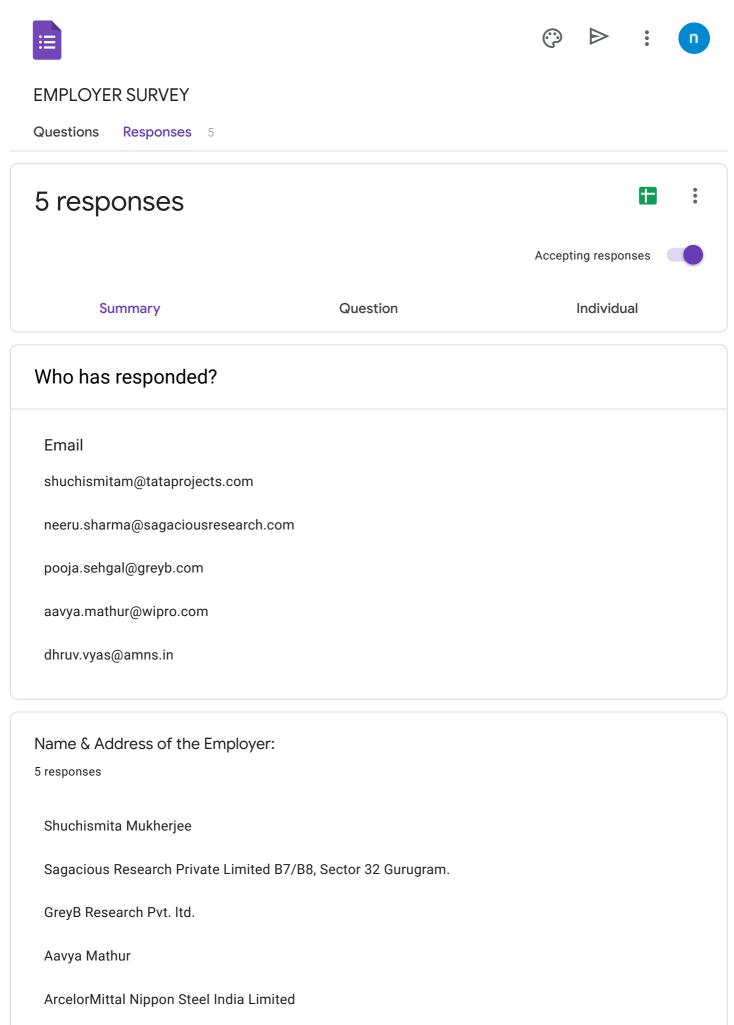
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\*

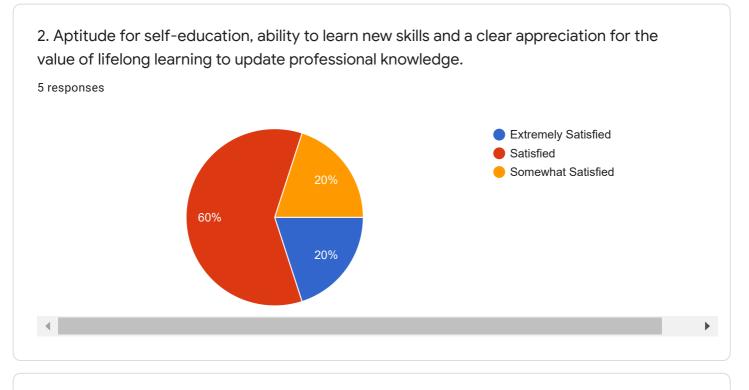
the value		g learning to	ability to learn ne update professio		clear appreciation fo e.	r *	*
Satisf	ied						
O Some	what Satis	fied					
their appl C Extrem C Satisf	lication in nely Satisf	global, natio ied	engineering solut nal and societal		nable development a	and *	*
O Extren	nely Satisf	ied	ew skills and app	lying them in r	research and	*	*
English bo Extrem	oth comm nely Satisf	nunicative an	athematics and d technical form	-	rofessional fluency ir	ן *	*
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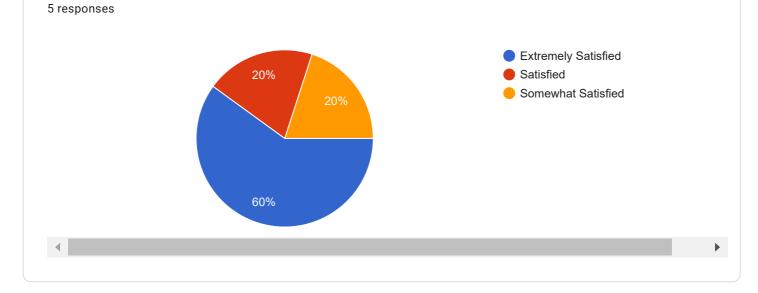


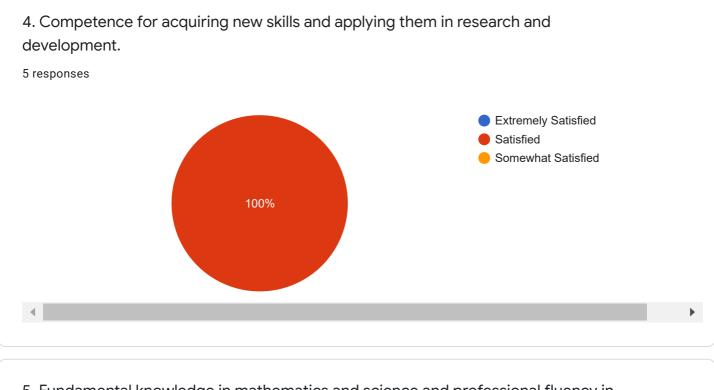


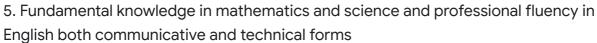
Name of the Student Employed: 5 responses	
Shuchismita Mukherjee	
Neeru Sharma	
Gaurangi Choudhary	
Amit Verma, Aman Kumar	
Pooja Kushwah	
Overall, are you satisfied with: 1. Capacity for development and problems and formulation of appropriate solutions, retaining p responsibilities. 5 responses	
J responses	
80%	<ul> <li>Extremely Satisfied</li> <li>Satisfied</li> <li>Somewhat Satisfied</li> </ul>
20%	
•	•

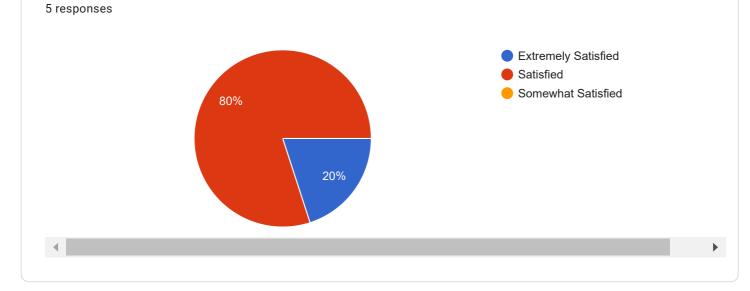


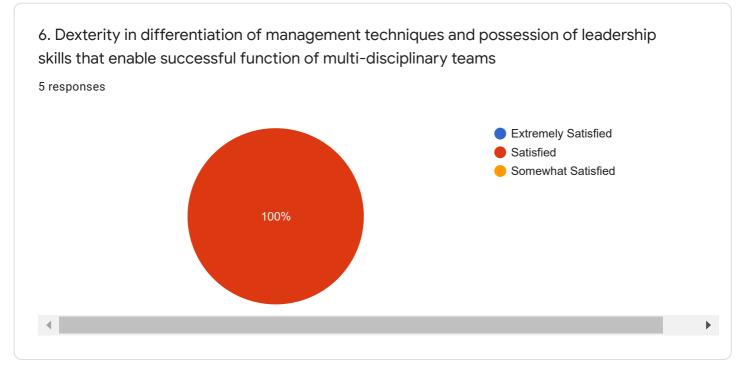
3. Understanding professional engineering solutions for sustainable development and their application in global, national and societal contexts.















Program Exit Survey

Questions Responses 30

## Program Exit Survey

Assessment of Abilities, Skills and Attributes acquired at NIT SRINAGAR Please rate each of the following items in terms how well your education at NIT SRINAGAR prepared you for them. Use option for choosing your option.

Email \*

Valid email

This form is collecting emails. Change settings

Name of the Candidate:

Short answer text

Batch/Enrolment No.: \*

Short answer text

1. Basic knowledge in mathematics, science, engineering and humanities. $^{\star}$							
O Extremely Satisfied							
Satisfied							
O Somewhat Satisfied							
÷	Ð	Тт			8		

\*

\*

\*

\*

<ul> <li>Extremely Satisfied</li> <li>Satisfied</li> <li>Somewhat satisfied</li> </ul>
<ul> <li>3. Design / development of complex engineering problems and their solutions * *</li> <li>Extremely Satisfied</li> <li>Satisfied</li> <li>Somewhat satisfied</li> </ul>
<ul> <li>4. Use of research-based knowledge &amp; research methods *</li> <li>*</li> <li>Extremely Satisfied</li> <li>Satisfied</li> <li>Somewhat satisfied</li> </ul>
<ul> <li>5. Demonstrate the ability to apply advanced technologies to solve contemporary and * * new Problems.</li> <li>Extremely Satisfied</li> <li>Satisfied</li> <li>Somewhat satisfied</li> </ul>
6. Awareness to apply engineering solutions in global, national, and societal * *

O Satisfied					
O Somewhat satisfied					
-	engineering so	lutions in societ	tal and environment	al * *	
contexts					
Extremely Satisfied					
Satisfied					
Somewhat satisfied					
8. Understanding of professiona	l and ethical res	ponsibilities *		*	
Extremely Satisfied					
Satisfied					
Somewhat satisfied					
			. 4	*	
9. Ability to function as an effec	tive member in i	multi-disciplina	ry teams *	•	
Extremely Satisfied					
Satisfied					
Somewhat satisfied					
-					
	• •			Ŀ	
10. Proficiency in English language in both communicative and technical forms * * *					
Extremely Satisfied					
O Satisfied					
÷ <b>£</b>	Tr				

11. Demonstrate techniques	e the ability to ch	noose and apply	/ appropriate res	ource managemen	t *	*
O Extremely Sa	tisfied					
O Satisfied						
Somewhat sa	atisfied					
-	elf-education a owledge to enga		-	value of updating t	heir *	*
O Extremely Sa	tisfied					
O Satisfied						
O Somewhat sa	atisfied					
13. Program aid safety, quality, s			f design, researc	h, manufacturing,	*	*
O Extremely Sa	tisfied					
O Satisfied						
Somewhat sa	atisfied					
14. Program enhances creative and imaginative skills required in electrical engineering * * * domain.						*
Extremely Sa	tisfied					
O Satisfied						
÷	Ð	Tr				

15. Program helps to progress through advanced degree or certificate programs $^{\star}$	*
O Extremely Satisfied	
O Satisfied	
O Somewhat satisfied	
Question *	*
O Somewhat satisfied	



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Program Exit Survey				
Questions Responses 30				
30 responses			G	:
		Accepting	responses	
Summary	Question	Inc	dividual	
Who has responded?				
Email				
haseebamaq@gmail.com				
jamsheedjavid121@gmail.com				
amannigam49@gmail.com				- 1
ranuprasad7564@gmail.com				
tabasumnazir659@gmail.com				
sagardubey980@gmail.com				
owaisali7006@gmail.com				
balramsinghrathore3@gmail.com				
asiganash1200@gmail.com				•

30 responses

Haseeba Maqbool

Enayat Gull

Priyanka Baboria

Jamsheed javid najar

Mr. Shivanshu Tripathi

Kolan Sai Ganesh

Aabid Ahmad Dar

Tabasum Nazir

Krishan Kumar

## Batch/Enrolment No.:

30 responses

Elect-183/16

2020/Elect-17/16

Elect-335/16

Elect-299/16

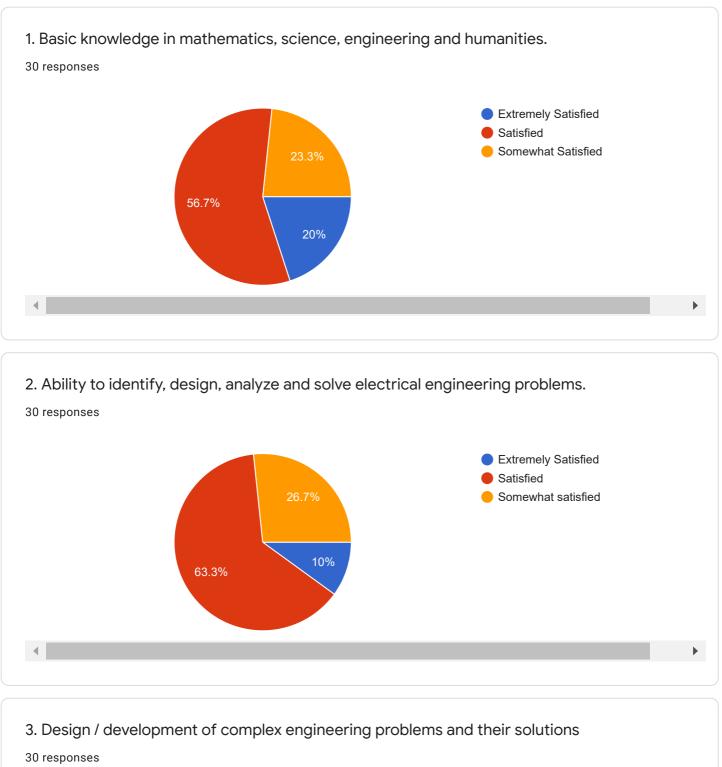
Elect-105/16

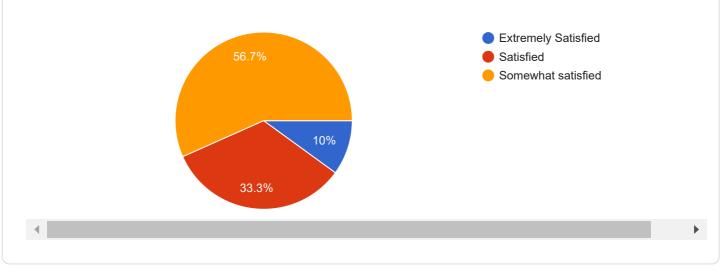
Electrical-309/16

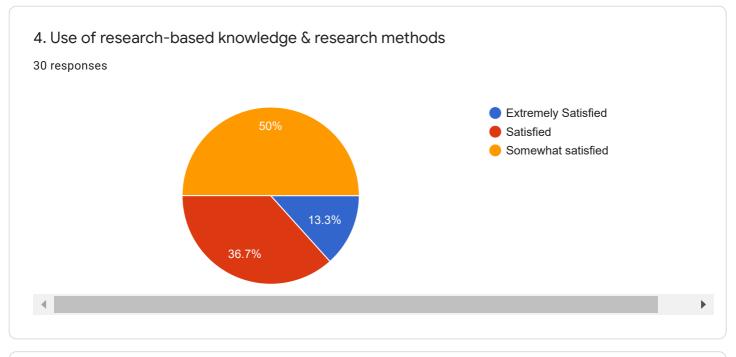
Elect-292/16

Elect\_127/16

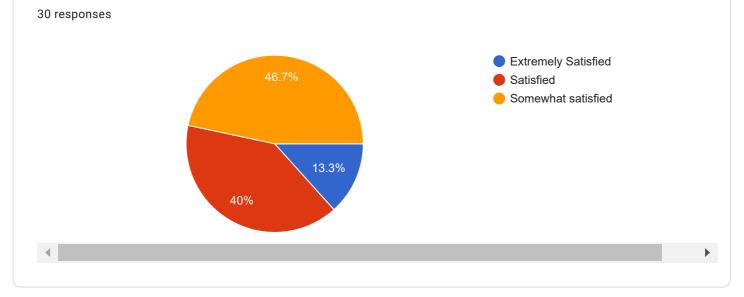
ELECT-155/16

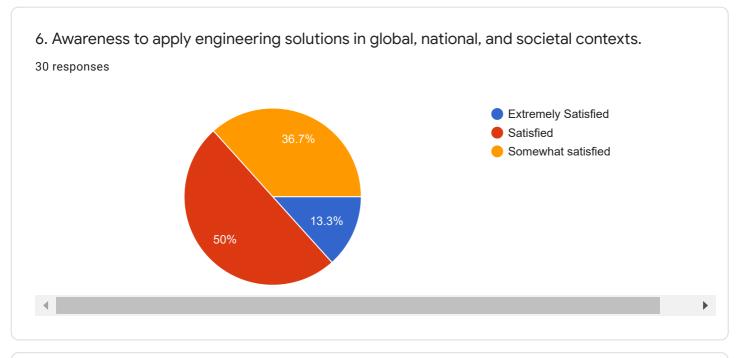




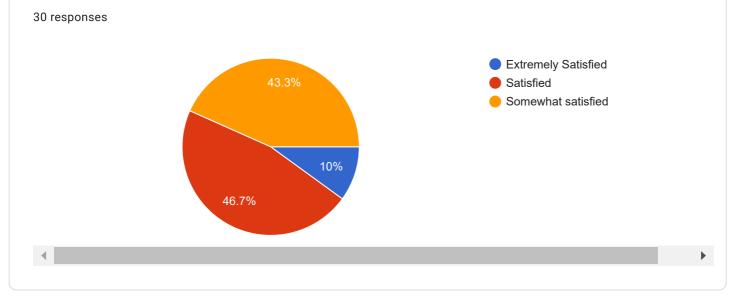


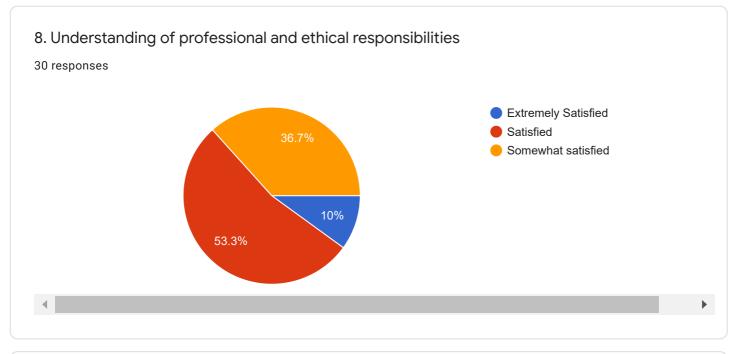
5. Demonstrate the ability to apply advanced technologies to solve contemporary and new Problems.





## 7. Understanding professional engineering solutions in societal and environmental contexts





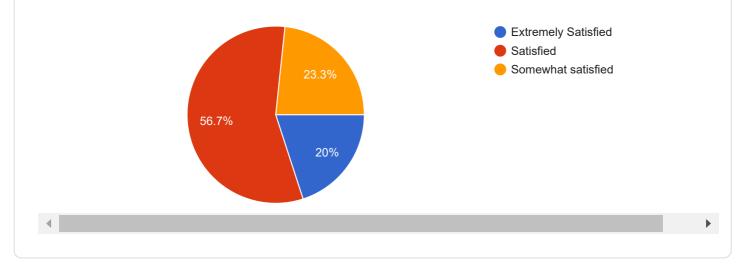
9. Ability to function as an effective member in multi-disciplinary teams

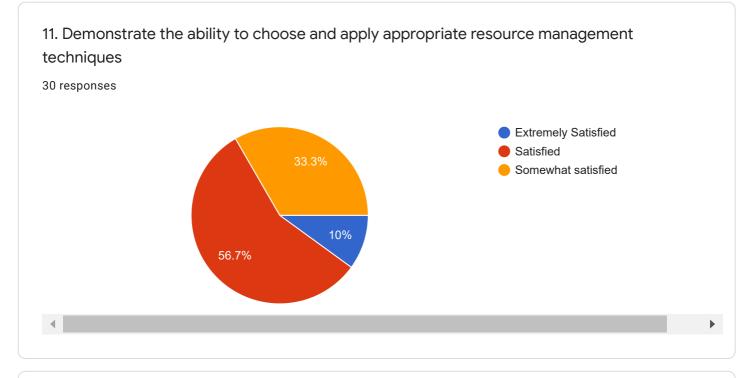
Extremely Satisfied
Satisfied
Somewhat satisfied

10. Proficiency in English language in both communicative and technical forms

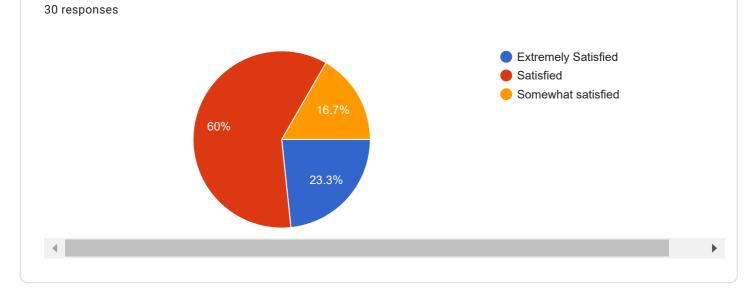


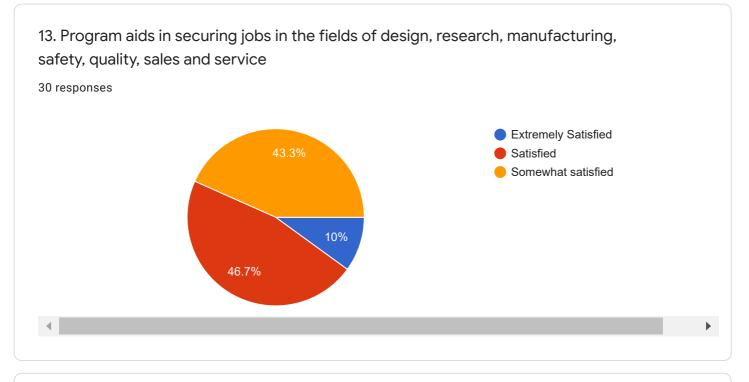
30 responses





12. Capable of self-education and a clear understanding of the value of updating their professional knowledge to engage in life-long Learning.





14. Program enhances creative and imaginative skills required in electrical engineering domain.

