

Course Curriculum as per BOS held on 27th August 2014

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical(P)	Total Hours	
1st Semester						
PHY-101	Physics	3	0	0	3	3
PHY-102 P	Physics (Lab)	0	0	2	2	1
CHM-101	Chemistry	4	0	0	4	4
CHM-102 P	Chemistry (Lab)	0	0	2	2	1
MTH-101	Mathematics	3	1	0	4	4
HSS-101	Humanities	3	1	0	4	4
CIV-102	Engineering Drawing	1	0	3	4	4
IT-101	Computer Science	3	0	0	3	3
IT-102 P	Computer Science (Lab)	0	0	2	2	1
WSP-1P	Workshop Practice	1	0	3	4	2
2nd Semester						
PHY-201	Physics-II	3	0	0	3	3
PHY-201 P	Physics-II (Lab)	0	0	2	2	1
CHM-201	Chemistry-II	3	1	0	4	4
CHM-201 P	Chemistry-II (Lab)	0	0	2	2	1
MTH-201	Mathematics-II	3	1	0	4	4
HSS-201	Humanities-II	3	1	0	4	4
MED-201	Machine Drawing	1	0	2	3	3
CSE-201	Programming	3	0	0	3	3
CSE-202 P	Computer Programming (Lab)	0	0	2	2	1
CIV-201	Engineering Mechanics	3	1	0	4	4
WSP-II P	Workshop Practice	1	0	3	4	2
3rd Semester						
ELE-301	Basic Electrical Engineering	2	1		3	3
ELE-301P	Basic Electrical Engineering LAB	-	-	2		1
ECE-301	Network Analysis and Synthesis	3	1	0	4	4
ECE-302	Electronics-I	2	1		3	3
ECE-302P	Electronics-I LAB	-	-	2		1
PHY-303	Electro Magnetic Fields & Waves	2	1	0	3	3
MET-302	Electrical Engineering Materials	2	1	0	3	3
MTH-305	Mathematics-III	2	1	0	3	3
MECH-ELE	Engineering Thermodynamics	3	1	0	4	4
ELE-301	Principles of Electrical Engineering (For ECE Department)	3	1		4	4

ELE-301P	Principles of Electrical Engineering LAB (For ECE Department)			2		1
ELE-302	Electrical Engineering Technology (For Civil Engineering Department)	2	1		3	3
ELE-302P	Electrical Engineering Technology LAB (For Civil Engineering Department)			2		1
ELE-303	Electrical Engineering Technology (For Chemical Engineering Department)	2	1		3	3
ELE-303P	Electrical Engineering Technology LAB (For Chemical Engineering Department)			2		1
ELE-304	Electrical Engineering Technology (For Metallurgical Engg. Department)	2	1		3	3
ELE-304P	Electrical Engineering Technology LAB (For Metallurgical Engg. Department)			2		1
ELE-305	Basic Electrical Engineering (For Computer Sciences and Engineering)	2	1		3	3
ELE-305P	Basic Electrical Engineering LAB (For Computer Sciences and Engg.)			2		1
ELE-306	Circuit Analysis (For Information Technology)	2	1		3	3
ELE-306P	Circuit Analysis LAB (For Information Technology)			2		1
4 th Semester						
ELE-401	Electric Machines-I	3	1	0	4	4
ELE-401P	Electric Machines-I Lab	0	0	2	-	1
ELE-402	Control Systems-I	3	1	0	4	4
ELE-403	Electrical Measurements and Measuring Instruments	3	1	0	4	4
ELE-403P	Electrical Measurements and Measuring Instruments Lab	0	0	2	-	1
ECE-402	Electronics – II	3	1	0	4	4
ECE-402P	Electronics – II Lab.	0	0	2	-	1
CIV-401	Hydraulics and Hydraulic Machines	2	1	0	3	3
MTH-402	Mathematics-IV	2	1	0	3	3
ELE-405	Electrical Machines (For ECE Department)	2	1		3	3
ELE-406	Electrical Engineering Technology (For Electrical Engineering Department)	2	1		3	3
ELE-406P	Electrical Engineering Technology Lab. (For Electrical Engineering Department)	0	0	2		1
ELE-407	Control Systems (For ECE Department)	2	1		3	3
ELE-407P	Control Systems Lab. (For ECE Department)	0	0	2		1
ELE-408	Control Systems (For Information Technology)	2	1		3	3

ELE-408	Control Systems (For CSE)	2	1		3	3
5 th Semester						
ELE-501	Power Systems – I	2	1	0	3	3
ELE-501P	Power Systems - I Lab.	0	0	2	-	1
ELE-502	Electric Machines-II	3	1	0	4	4
ELE-502P	Electric Machines-II Lab.	0	0	2	-	1
ELE-503	Control System-II	2	1	0	3	3
ELE-503P	Control System & VI Lab.	0	0	2	-	1
ELE-504P	Computer Aided Simulation of Electrical Systems	0	0	3	-	2
ECE-508	Communication Systems	2	1	0	3	3
ECE-509	Digital Electronics & Logic Design	2	1	0	3	3
ECE-509P	Digital Electronics & Logic Design Lab.	0	0	2	-	1
MTH-503	Mathematics-V	2	1	0	3	3
6 th Semester						
ELE-601	Power Systems-II	3	1	0	4	4
ELE-601P	Power Systems-II LAB	0	0	2	-	1
ELE-602	Power Electronics	3	1	0	4	4
ELE-602P	Power Electronics LAB	0	0	2	-	1
ELE-603	Electric Machines Design	3	1	0	4	4
ELE-604	Tour & Training	0	0	0	2	2
ELE-605	Digital Signal Processing	3	1	0	4	4
ELE-606	Microprocessors	3	1	0	4	4
ELE-606P	Microprocessors LAB	0	0	2	-	1
ELE-607	Power Electronics (For ECE Department)	2	1		3	3
ELE-607P	Power Electronics Lab. (For ECE Department)	0	0	2		1
7 th Semester						
ELE-701	Power System Protection	2	1		3	3
ELE-701 P	Power System Protection LAB.			2		1
ELE-702	Advanced Power Electronics	3	1	0	4	4
ELE-703	Power Systems-III	3	1	0	4	4
ECE-708	Electronic Measurements & Instrumentation	2	1		3	3
ECE-708P	Electronic Measurements & Instrumentation LAB			2		1
ELE-704	Power Station Practice	2	1	0	3	3
ELE-1-14	Elective	2	1	0	3	3
ELE-706P	Project Preliminary Work/ Seminar	0	0	3		3
ELE-705	Electrical Power Systems (For ECE Department)	2	1		3	3
ELE-705P	Electrical Power Systems Lab. (For ECE Department)	0	0	2		1
8 th Semester						
HSS-701	General Management & Economics	2	1	0	4	03
ELE-1-14 / MTH-705	Elective-I	2	1	0	3	03

ELE-803	High Voltage Engineering	2	1	0	3	03
ELE-803P	High Voltage Engineering Lab.	0	0	2	0	01
ELE-802	Project	0	0	18	12	12
ELE-1-14	Elective-II	2	1	0	3	03
Total		207				

Department Elective Subset for 7th& 8th Semesters (Electrical)

BATCH 2015 ONWARDS

Electives –I, II, III (3 credits each)

- | | |
|--|----------|
| 1. Distribution System Automation | ELE-1/E |
| 2. Industrial Process Instrumentation & Telemetry | ELE-2/E |
| 3. Selected Topics in Advanced Control | ELE-3/E |
| 4. Mechatronics | ELE-4/E |
| 5. Advanced Power Systems Control | ELE-5/E |
| 6. Power Systems Transients | ELE-6/E |
| 7. System Planning & Load Forecasting | ELE-7/E |
| 8. EHV AC & DC Transmission | ELE-8/E |
| 9. Maintenance & Design of Electrical Sub Stations | ELE-9/E |
| 10. Power System Reliability | ELE-10/E |
| 11. Utilization & Traction | ELE-11/E |
| 12. Microcontroller & their Applications + LAB | ELE-12/E |
| 13. Electric Drives + LAB | ELE-13/E |
| 14. Renewable Sources of Electrical Energy | ELE-14/E |
| 15. Optimization Techniques | MTH-705 |

Course Curriculum as per DUGC held on 13th June 2019

Semester-1

S. No.	Course Title	L-T-P	Credits	Contact Hours
1.	Electric Circuit Theory.	3-0-0	3	3
2.	Electric Circuit Lab.	0-0-2	1	2
3.	Physics-I.	3-0-0	3	3
4.	Physics-I Lab.	0-0-2	1	2
5.	Chemistry.	4-0-0	4	4
6.	Chemistry Lab.	0-0-2	1	2
7.	Mathematics-I.	4-0-0	4	4
8.	Basic English and Communication Skills.	4-0-0	4	4
9.	Engineering Drawing.	1-0-4	3	5
10.	Workshop Practice.	0-0-4	2	4
Total Credits			26	33

Semester-2

S. No.	Course Title	L-T-P	Credits	Contact Hours
1.	Physics-II	4-0-0	4	4
2.	Mathematics-II	4-0-0	4	4
3.	Advanced Communication Skills & Organization behavior.	4-0-0	4	4
4.	Language Lab.	0-0-2	1	2
5.	Programming and Programming Methodology.	3-0-0	3	3
6.	Programming and Programming Methodology Lab.	0-0-2	1	2
7.	Machine Drawing.	1-0-4	3	5
8.	Engineering Mechanics.	3-1-0	4	4
Total Credits			24	28

Semester-3

S. No.	Course Title	L-T-P	Credits	Contact Hours
1.	Electronics-I	3-1-0	4	4
2.	Electronics-I Lab	0-0-2	1	2
3.	EMF & Waves	3-1-0	4	4
4.	Electrical Engineering Materials.	3-1-0	4	4
5.	Mathematics-III	3-1-0	4	4
6.	Network Analysis and Synthesis	3-1-0	4	4
7.	Thermal Engineering	3-1-0	4	4
Total Credits			25	26

Semester-4

S. No.	Course Title	L-T-P	Credits	Contact Hours
1.	Electric Machines-I	3-1-0	4	4
2.	Electrical Machines-I Lab	0-0-2	1	2
3.	Control Systems-I	3-1-0	4	4
4.	Electrical Measurements and Measuring Instruments	3-1-0	4	4
5.	Electrical Measurements and Measuring Instruments Lab	0-0-2	1	2
6.	Electronics-II	3-1-0	4	4
7.	Electronics-II Lab	0-0-2	1	2
8.	Hydraulics and Hydraulic Machines	2-1-0	3	3
9.	Mathematics -IV	2-1-0	3	3
Total Credits			25	28

Semester-5

S. No.	Course Title	L-T-P	Credits	Contact Hours
1.	Power System-I	2-1-0	3	3
2.	Power System-I Lab	0-0-2	1	2
3.	Electrical Machines-II	3-1-0	4	4
4.	Electrical Machines-II Lab	0-0-2	1	2
5.	Control system-II	3-1-0	4	4
6.	Control system-II & VI Lab	0-0-2	1	2
7.	Computer Aided Simulation of Electrical Systems Lab	0-0-2	1	2
8.	Communication Systems	2-1-0	3	3
9.	Digital Electronics & Logic Design	2-1-0	3	3
10.	Digital Electronics & Logic Design Lab	0-0-2	1	2
11.	Mathematics-V	2-1-0	3	3
Total Credits			25	30

Semester-6

S. No.	Course Title	L-T-P	Credits	Contact Hours
1.	Power System-II	3-1-0	4	4
2.	Power System-II Lab	0-0-2	1	2
3.	Power Electronics	3-1-0	4	4
4.	Power Electronics Lab	0-0-2	1	2
5.	Electrical Machines Design	3-1-0	4	4
6.	Tour & Training	0-0-0	2	2
7.	Digital Signal Processing	3-1-0	4	4
8.	Microprocessors	3-1-0	4	4
9.	Microprocessors Lab	0-0-2	1	2
Total Credits			25	28

Semester-7

S. No.	Course Title	L-T-P	Credits	Contact Hours
1.	Power System Protection	2-1-3	3	3
2.	Power System Protection LAB	0-0-2	1	2
3.	Advanced Power Electronics	3-1-0	4	4
4.	Power System-III	3-1-0	4	4
5.	Electronic Measurements & Instrumentation	2-1-0	3	3
6.	Power Station Practice	2-1-0	3	3
7.	Power Station Practice Lab (Field Visits)	0-0-2	1	2
8.	Elective-I	2-1-0	3	3
9.	Project Preliminary Work	0-0-2	2	2
10.	Seminar	0-0-1	1	1
Total Credits			25	25

Semester-8

S. No.	Course Title	L-T-P	Credits	Contact Hours
1.	General Management & Economics	2-1-0	3	3
2.	Elective-II	3-1-0	4	4
3.	Elective-III	3-1-0	4	4
4.	High Voltage Engineering	3-1-0	4	4
5.	High Voltage Engineering Lab	0-0-2	1	2
6.	Project	0-0-15	9	15
Total Credits			25	32



DEPARTMENT OF ELECTRICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

(An autonomous Institute of National Importance under the aegis of Ministry of HRD, Govt. of India)

Hazratbal, Srinagar Jammu and Kashmir, 190006, INDIA

Vision of the Institute

To establish a unique identity of a pioneer technical Institute by developing a high quality technical manpower and technological resources that aim at economic and social development of the nation as a whole and the region in particular keeping in view the global challenges.

Mission of the Institute

- M1.** To create a strong and transformative technical educational environment in which fresh ideas, moral principles, research and excellence nurture with international standards.
- M2.** To prepare technically educated and broadly talented engineers, future innovators and entrepreneurs, graduates with understanding of the needs and problems of the industry, the society, the state and the nation.
- M3.** To inculcate the highest degree of confidence, professionalism, academic excellence and engineering ethics in budding engineers.



DEPARTMENT OF ELECTRICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

(An autonomous Institute of National Importance under the aegis of Ministry of HRD, Govt. of India)

Hazratbal, Srinagar Jammu and Kashmir, 190006, INDIA

VISION OF DEPARTMENT

The Department of Electrical Engineering aims to be a frontrunner in producing globally competent technocrats who can set a benchmark in innovation and research to contribute in nation building by making a demonstrable environmental, social and economic impact.

MISSION OF DEPARTMENT

- M1.** To create technocrats by imparting quality education to meet industrial and societal needs.
- M2.** To provide a cordial environment that attracts and develops talent for excellence in research, innovation and leadership.
- M3.** To inspire students to become responsible citizens and inculcate value based, socially committed professional ethics to cause of holistic development.
- M4.** To enable sustainable and cost-effective innovations, showcasing the importance of green energy technology with a focus on energy efficiency.
- M5.** To bridge the gap between academia and industries by framing appropriate curricula and syllabi.

Program Educational Objectives (PEOs)

- PEO1.** To imbibe analytical and professional skills in students to succeed in diverse fields.
- PEO2.** To create enthusiasts to pursue advanced education supplementing their career growth.
- PEO3.** To develop the necessary skill set for industries in students by imparting state of art technology in various areas of electrical engineering.
- PEO4.** To promote the culture of problem solving and design skills for lifelong learning.

Program Specific Outcome (PSOs)

- PSO 1.** Students shall be competent, creative and imaginative Electrical Engineers employable in fields of design, research, manufacturing, safety, quality and technical services.
- PSO 2.** Students shall be able to progress through an advanced degree, certificate programs or participate in continuing education in Electrical Engineering, business and other professionally related fields.
- PSO 3.** Students should take lead in innovation and entrepreneurship activities with high professional standards and moral ethics and prove themselves beneficial to society at large.



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 02-03-2015

This is to inform the faculty board of the department that they are hereby invited to attend a meeting with regard to finalizing the Mission and Vision of the Department. The meeting will be held on 09-03-2015 at 11:00 am in the departmental committee room.

Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for Vision and Mission

A meeting of departmental faculty board was held in the committee room of the Department on 09-03-2015 at 11 am to discuss the departmental vision and mission.

Following members of the department were present:

1. Prof. Aijaz Ahmad, HOD.
2. Prof. M. D. Mufti.
3. Prof. S. A. Lone.
4. Dr. A. H. Bhat.
5. Dr. S. J. Iqbal.
6. Dr. M. A. Bazaz.

In the meeting, it was decided that the departmental vision and mission will be in accordance with the vision and mission of the Institute. The HOD, Prof. Aijaz Ahmad, was requested to design the vision and mission of the department.

It was also discussed that process of defining the vision and mission will be followed and the next meeting will be on 16-03-2015.



Prof. Aijaz Ahmad

(Prof. & Head)



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 11-03-2015

This is to inform all the faculty board of the department that they are hereby invited to attend a meeting with regard to finalizing the Mission and Vision of the Department. The meeting will be held on 16-03-2015 at 11:30 am in the departmental committee room.

Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for the Vision and Mission

A second meeting of departmental faculty members was held in the committee room of the Department on 16-03-2015 11:30am to discuss the departmental vision and mission.

Following members of the department were present.

1. Prof. Aijaz Ahmad, HOD,
2. Prof. M. D. Mufti
3. Prof. S. A. Lone.
4. Dr. A. H. Bhat
5. Dr. S.J. Iqbal
6. Dr. M. A. Bazaz.

The committee, after due consultations, proposed the following vision and mission of the department.

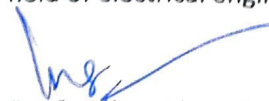
Vision statement:

“The Department of Electrical Engineering aims to be a frontrunner in producing technocrats who can set a benchmark in innovation to contribute in nation building”

Mission statement:

- M1. To create technocrats by imparting quality education to meet industrial needs.**
- M2. To provide a cordial environment that attracts and develops talent for excellence in research, innovation.**
- M3. To inspire students to become responsible citizens and inculcate value based, socially committed professional ethics to cause of holistic development.**
- M4. To enable sustainable and cost effective innovations, showcasing importance of green energy technology with focus on energy efficiency.**

It was also proposed by the committee that the vision should have some part for inspiring research in field of electrical engineering. It was also decided that the next meeting would be held on 23-03-2015.


Prof. Aijaz Ahmad

(Prof. & Head)



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 18-03-2015

This is to inform the alumni and industrial persons associated with various fields of the industry that they are hereby invited to attend a meeting with regard to framing the Mission and Vision of the department. The meeting will be held on 23-03-2015 at 03:30 pm in the departmental committee room.


Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting with Industry and Alumni

A meeting between the Head of Department and the alumni and industrial persons was held in the committee room of the Department on 23-03-2015 at 3:30 pm to discuss on framing the Vision and Mission of the department.

Following persons from the industry and alumni attended the meeting:

1. Jamsheed Younis
2. Tabish Nazir Mir
3. Qurat Ul Ain
4. Insha Muzaffar
5. Firdous Ul Nazir
6. Mohammad Aarish Shaheen
7. Yasir Shameem
8. Aqib Nissar
9. Abdul Saleem Mir
10. Niraj Bhagat
11. Anirudh Singh
12. Vijay Pal Singh

In the meeting the members from industry and alumni proposed to reframe the vision and mission of the department as:

Vision statement:

“The Department of Electrical Engineering aims to be a frontrunner in producing globally competent technocrats who can set a benchmark in innovation and research to contribute in nation building.”

Mission statement:

- M1. To create technocrats by imparting quality education to meet industrial needs.**
- M2. To provide a cordial environment that attracts and develops talent for excellence in research, innovation.**
- M3. To inspire students to become responsible citizens and inculcate value based, socially committed professional ethics to cause of holistic development.**
- M4. To enable sustainable and cost effective innovations, showcasing importance of green energy technology with focus on energy efficiency.**

It was also decided that the next meeting would be held on 30-03-2015.



Prof. Aijaz Ahmad

(Prof. & Head)



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 25-03-2015

This is to inform all the students of the department that they are hereby invited to attend a meeting with regard to finalizing the Mission and Vision of the Department. The meeting will be held on 30-03-2015 at 2:00 pm in the departmental committee room.

Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting with Students of the Department

A meeting of Head of Department with the students was held in the committee room of the Department on 30-03-2015 at 2:00 pm to discuss on framing the Vision and Mission of the department.

Following Students were present in the meeting:

1. BasitMushtaq
2. Raja Owais
3. Zahid Afzal Thoker
4. AabirShabirWani
5. Aqib Ali Abbass
6. Burhan UIMajeed
7. Hadhiq Khan
8. AdilMohi u din
9. Mudasirul Amin

Prof. Aijaz Ahmad informed the students about the current Vision and Mission of the department and asked the students to give their feedback so that their views are also taken into consideration while framing the Vision and Mission of the department.

Some of the students suggested that the mission of department should include that the department will impart the knowledge that is more practicable so that theory and implementation can go hand in hand.


The students after proper consultation suggested reframing the mission and visioning statement of the department as

“The department of Electrical Engineering aims to be a frontrunner in producing globally competent technocrats who can set a benchmark in innovation and research to contribute in nation building by making a demonstrable environmental, social and economic impact”.

MISSION STATEMENT:

- M1.** To create technocrats by imparting quality education to meet industrial needs.
- M2.** To provide a cordial environment that attracts and develops talent for excellence in research, innovation.
- M3.** To inspire students to become responsible citizens and inculcate value based, socially committed professional ethics to cause of holistic development.
- M4.** To enable sustainable and cost effective innovations, showcasing importance of green energy technology with focus on energy efficiency.

It was assured to the students that the suggestions would be considered before finalizing the departmental Vision and Mission. Prof. Aijaz Ahmad concluded the meeting by thanking the students for participating in this process.


Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for the PEOs

A meeting of departmental faculty members was held in the committee room of the Department on 30-03-2015 at 3 pm to discuss the PEOs..

Following members of the department were present:

1. Prof. Aijaz Ahmad, HOD.
2. Prof. M. D. Mufti.
3. Prof. S. A. Lone.
4. Dr. A. H. Bhat.
5. Dr. S. J. Iqbal.
6. Dr. M. A. Bazaz.

Prof. Aijaz Ahmad proposed the following program educational objectives:

Program Educational Objectives

- PEO1.** To imbibe analytical and professional skills in students to succeed in diverse fields.
- PEO2.** To develop the necessary skill set for industries in students by imparting state of art technology in various areas of electrical engineering.
- PEO3.** To promote the culture of problem solving.

It was dicussed in the meeting that the PEOs should have a point for inspiring students for higher education and the next meeting will be held on 06-04-2015.



Prof. Aijaz Ahmad

(Prof. & Head)



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 01-04-2015

This is to inform all the faculty members of the department that they are hereby invited to attend a meeting with regard to finalizing the Mission and Vision of the Department. The meeting will be held on 06-04-2015 at 11:30 am in the departmental committee room.

Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for Vision and Mission

A meeting of departmental faculty board was held in the committee room of the Department on 06-04-2015 at 11:30 am to finalize the departmental vision and mission.

Following members of the department were present:

1. Prof. Aijaz Ahmad, HOD.
2. Prof. M. D. Mufti.
3. Prof. S. A. Lone.
4. Dr. A. H. Bhat.
5. Dr. S. J. Iqbal.
6. Dr. M. A. Bazaz.

In the meeting, the departmental vision and mission as formulated in the earlier meetings was agreed upon by every member of the committee and it was decided that the same would be forwarded to SUGC for approval.

The finalized departmental Vision and Mission are as follows:

VISSION STATEMENT

“The department of Electrical Engineering aims to be a frontrunner in producing globally competent technocrats who can set a benchmark in innovation and research to contribute in nation building by making a demonstrable environmental, social and economic impact”.

MISSION STATEMENT:

- M1.** To create technocrats by imparting quality education to meet industrial needs.
- M2.** To provide a cordial environment that attracts and develops talent for excellence in

research, innovation.

- M3. To inspire students to become responsible citizens and inculcate value based, socially committed professional ethics to cause of holistic development.
- M4. To enable sustainable and cost effective innovations, showcasing importance of green energy technology with focus on energy efficiency.



Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for the PEOs

A meeting of departmental faculty members was held in the committee room of the Department on 06-04-2015 at 11:30 am to discuss the PEOs.

Following members of the department were present:

1. Prof. Aijaz Ahmad, HOD.
2. Prof. M. D. Mufti.
3. Prof. S. A. Lone.
4. Dr. A. H. Bhat.
5. Dr. S. J. Iqbal.
6. Dr. M. A. Bazaz.

Prof. Aijaz Ahmad proposed the following program educational objectives of the Department with the changes included that were discussed in previous meeting.

Program Educational Objectives

- PEO1.** To imbibe analytical and professional skills in students to succeed in diverse fields.
- PEO2.** To create enthusiasts to pursue advanced education supplementing their career growth.
- PEO3.** To develop the necessary skill set for industries in students by imparting state of art technology in various areas of electrical engineering.
- PEO4.** To promote the culture of problem solving and design skills for lifelong learning

PEOs were approved by the committee and it was discussed the in order to finalize the vision, mission and PEOs the list of stakeholders should be proposed. The next meeting will be held on 13-04-2015.



Prof. Aljaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for the deciding the list of stakeholders.

A meeting of departmental faculty members was held in the committee room of the Department on 13-04-2015 at 11 am to discuss the involvement of the stakeholders.

Following members of the department were present

1. Prof. Aijaz Ahmad, HOD
2. Prof. M. D. Mufli
3. Prof. S. A. Lone
4. Dr. A. H. Bhat
5. Dr. S. J. Iqbal
6. Dr. M. A. Bazar

Prof. Aijaz Ahmad proposed the following stakeholders:

1. Students
2. Alumni

It was discussed in the meeting that parents and persons from industry should also be included in the list of stakeholders. The next meeting will be held on 20-04-2015.



Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for the deciding the list of stakeholders.

A meeting of departmental faculty members was held in the committee room of the Department on 20-04-2015 at 2 pm to discuss the involvement of the stakeholders.

Following members of the department were present

1. Prof. Ajjaz Ahmad, HOD
2. Prof. M. D. Mufti
3. Prof. S. A. Lone
4. Dr. A. H. Bhat
5. Dr. S. J. Iqbal
6. Dr. M. A. Bazar

Prof. Ajjaz Ahmad proposed the following stakeholders:

1. Student
2. Alumni
3. Parents
4. Power utility and industry
5. Academia

The list of stakeholders was approved and it was decided that the next meeting will be held on after taking the valuable suggestions from the list of all stakeholders.


Prof. Ajjaz Ahmad

(Prof. & Head)



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 23-04-2015

In regards with framing the Mission, Vision, and Program Educational Objectives (PEOs) of the Department, student representatives (at least four students from each batch) are invited to the meeting on 27-04-2015 at 3:30 pm in the departmental committee room.

Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting with Students of the Department

A meeting of Prof. Aijaz Ahmad (HOD) with students of the department was held in the committee room of the Department on 27-04-2015 at 3:30 pm to discuss on framing the Vision, Mission, and PEOs of the department.

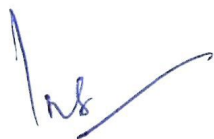
Following Students (four from each batch) were present in the meeting:

1. Basit Mushtaq
2. Raja Owais
3. Zahid Afzal Thoker
4. Aabir Shabir Wani
5. Suhail Ahmad Suhail
6. Adil Hussain Ganai
7. Aqib Ali Abbass
8. Burhan Ul Majeed
9. Hadhiq Khan
10. Hailiya Ahsan
11. Adil Mohi u din
12. Mudasirul Amin

Prof. Aijaz Ahmad informed the students about the current Vision, Mission, and PEOs of the department and asked the students to give their feedback so that their views are also taken into consideration while framing the Vision, Mission and PEOs of the department.

Some of the students suggested that the mission of department should include that the department will impart the knowledge that is more practicable so that theory and implementation can go hand in hand.

It was assured to the students that the suggestions would be considered before finalizing the departmental Vision, Mission and PEOS. Meeting was concluded by Prof. Aijaz Ahmad by thanking the students for participating in this process.



Prof. Aijaz Ahmad

(Prof. & Head)



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 30-04-2015

In regards with framing the Mission, Vision, and Program Educational Objectives (PEOs) of the Department, parents of the students are invited to the meeting on 04-05-2015 at 2:30 pm in the departmental committee room.

Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting with parents

A meeting of Prof. Aijaz Ahmad (HOD) with parents of the students of the department was held in the committee room of the Department on 04-05-2015 at 2:30 pm to discuss on framing the Vision, Mission, and PEOs of the department.

Following parents attended the meeting:

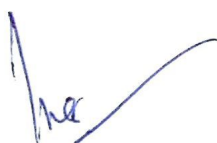
1. Mushtaq Ahmed Dar
2. Raja Syed Ahmad
3. Mohammad Afzal Thoker
4. Shabir Ahmad Wani
5. Ghulam Mohammad Mir
6. Gulzar Ahmad Ganai
7. ShabirHusaaain Khan
8. Ab. MajeedYatoo
9. Dr. Khursheed Aslam Khan
10. Dr. Sabia Rashid
11. Prof. Sheikh Ahsan ul Haq

12. Dr. HafizaAhsaan
13. Ghulam Mohiud din Bhat
14. Mohammad Amin Shah

Prof. Aijaz Ahmad greeted and welcomed the parents for coming to the meeting and informed them about the current Vision, Mission, and PEOs of the department and asked them to give their feedback so that their views are also taken into consideration while framing the Vision, Mission and PEOs of the department.

Parents discussed about the environment of teaching in the department and requested that department should also focus on the societal needs that the students should learn in the institute. They suggested that the department should also include teaching of ethics to the students.

The Departmental Head assured the parents that the suggestions would be considered before finalizing the departmental Vision, Mission and PEOS. Meeting was concluded by Prof. Aijaz Ahmad by thanking the attendees for participating in this process.



Prof. Aijaz Ahmad

(Prof. & Head)



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 06-05-2015

This is to inform the alumni and industrial persons associated with various fields of the industry that they are hereby invited to attend a meeting in regard to framing the Mission, Vision and Program Educational Objectives (PEOs) of the department. The meeting will be held on 13-05-2015 at 03:30 pm in the departmental committee room.

Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting with alumni and industry persons

A meeting of Prof. Aijaz Ahmad (HOD) with the alumni and industrial persons was held in the committee room of the Department on 13-05-2015 at 3:30 pm to discuss on framing the Vision, Mission, and PEOs of the department.

Following persons from the industry and alumni attended the meeting:

1. Jamsheed Younis
2. Niraj Bhagat
3. Tabish Nazir Mir
4. Munim Billah
5. Tushar Ralhan
6. Anirudh Singh
7. Qurat Ul Ain
8. FaizanQadri
9. Sameer Qayoom
10. Bisma Ali
11. Insha Muzaffar

12. Yawar Abbas Khan

13. Yasir Altaf

14. Firdous Ul Nazir

15. Mohammad AarishShaheen

16. Yasir Shameem

17. Iqra Syed

18. Vijay Pal Singh

19. Tajamul Hussain

20. Aqib Nissar

21. Adil Lateef Bazaz

22. Abdul Saleem Mir

The departmental head greeted and thanked the attendees for sparing time to attend the meeting and informed them about the current Vision, Mission, and PEOs of the department. Further, the attendees wererequested to give their feedback on the same so that their views could be incorporated while framing the Vision, Mission and PEOs of the department.

The alumni suggested that focus of the research work going on in the department should be on the economic feasibility of the work in addition to it's engineering aspect. This, they said, would help the nation in true sense and also improve the credibility of the work.

The industrial persons were of the view that the theoretical knowledge imparted to the students at the undergraduate level should be in sync with the industrial needs so that students get

accustomed to the demands of the industry and can smoothly adjust themselves after their graduation

The departmental head assured the attendees that their suggestions would be given due consideration before finalizing the departmental Vision, Mission and PEOS. The meeting concluded with the departmental head thanking the attendees for participating in this process.



Prof. Ajaz Ahmad

(Prof. & Head)



*Department of Electrical Engineering
National Institute Of Technology Srinagar*

NOTICE

Dated: 15-05-2015

This is to inform all the faculty members of the department that they are hereby invited to attend a meeting in regard to finalising the Mission, Vision, and Program Educational Objectives (PEOs) of the Department. The meeting will be held on 18-05-2015 at 2:00 pm in the departmental committee room.

Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for finalising the Vision and Mission of the department

A meeting of departmental faculty members was held to discuss the suggestions received by the department from various stakeholders regarding the Vision, Mission and PEOs of the department in the departmental committee room on 18-05-2015 at 2:00 pm.

Following members of the department were present:

1. Prof. Aijaz Ahmad, HOD.
2. Prof. M. D. Mufti.
3. Prof. S. A. Lone.
4. Dr. A. H. Bhat.
5. Dr. S. J. Iqbal.
6. Dr. M. A. Bazaz.

The meeting started with the departmental head discussing in detail about the various suggestions that the department had received from various stakeholders regarding the vision and mission of the department. The list includes alumni, their parents and people associated with the industry. The suggestions included enhancing the economic viability of the research work carried out by the department which would improve the credibility of the work and also help in nation building.

The head of the department Prof. Aijaz Ahmed mentioned that the other noteworthy suggestion received from the people associated with the industry was that the institute should try to bridge the gap between the theoretical knowledge imparted to the students and industrial needs so that the students get accustomed to the demands of the industry and can smoothly adjust themselves after their graduation.

The attendees unanimously agreed to the suggestions and gave their consent to incorporate these points in the final Vision and Mission of the department. It was also decided that the next meeting to finalize the subject would be held in the committee room of the department on 25-05-2015 at 2:30 p.m.



Prof. Aqaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for finalising the Vision and Mission of the department

A meeting of the departmental faculty members was held in the committee room of the department on 25-05-2015 at 2:30 pm. to finalise the Vision, Mission and PEOs of the department after incorporating the changes received from various stakeholders .

Following members of the department were present:

1. Prof. Aijaz Ahmad, HOD.
2. Prof. M. D. Mufti.
3. Prof. S. A. Lone.
4. Dr. A. H. Bhat.
5. Dr. S. J. Iqbal.
6. Dr. M. A. Bazaz.

The departmental head spelled out the final Vision, Mission and PEOs of the department which were formulated after incorporating certain changes that the department had received from various quarters. It was decided that the final Vision, Mission and PEOs of the department would be as follows:

VISION OF DEPARTMENT

The department of Electrical Engineering aims to be a frontrunner in producing globally competent technocrats who can set a benchmark in innovation and research to contribute in nation building by making a demonstrable environmental, social and economic impact.

MISSION OF DEPARTMENT

- M1.** To create technocrats by imparting quality education to meet industrial and societal needs.
- M2.** To provide a cordial environment that attracts and develops talent for excellence in research, innovation and leadership.
- M3.** To inspire students to become responsible citizens and inculcate value based, socially committed professional ethics to cause of holistic development.
- M4.** To enable sustainable and cost-effective innovations, showcasing the importance of green energy technology with focus on energy efficiency.
- M5.** To bridge the gap between academia and industries by framing appropriate curricula and syllabi.

Program Educational Objectives (PEOs)

- PEO1.** To imbibe analytical and professional skills in students to succeed in diverse fields.
- PEO2.** To create enthusiasts to pursue advanced education supplementing their career growth.
- PEO3.** To develop the necessary skill set for industries in students by imparting state of art technology in various areas of electrical engineering.
- PEO4.** To promote the culture of problem solving and design skills for lifelong learning.

The attendees unanimously agreed to the final draft of the Vision, Mission and PEOs of the department. It was also decided that a meeting would be held on 01-06-2015 at 3:00 p.m. to identify the places where the Vision, Mission and PEOs of the department would be displayed.



Prof. Aijaz Ahmad

(Prof. & Head)

Department of Electrical Engineering

Minutes of Departmental Committee meeting for identifying the places for the display of Vision, Mission and PEOs of the department

A meeting of the departmental faculty members was held in the committee room of the department on 01-06-2015 at 2:30 pm to identify the places in the department for the display of Vision, Mission and PEOs of the department.

Following members of the department were present:

1. Prof. Aijaz Ahmad, HOD.
2. Prof. M. D. Mufti.
3. Prof. S. A. Lone.
4. Dr. A. H. Bhat.
5. Dr. S. J. Iqbal.
6. Dr. M. A. Bazaz.

It was decided that the Vision, Mission and PEOs of the department would be displayed at the following places in the department.

1. Departmental Brochures.
2. Departmental notice board.
3. Institute website/departmental web page.
4. Classroom and laboratories.



Prof. Aijaz Ahmad

(Prof. & Head)