



विद्युत अभियंत्रण विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
इलाहाबाद-211004 (भारत)
Electrical Engineering Department
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004 (India)

Self Financed Summer Internship Program(SFSIP) – 2014 in Electrical Engineering

The Department of Electrical Engineering is organizing a six week “Self Financed Summer Internship Program (SFSIP-2014)” in Electrical Engineering during 04 June to 12 July 2014. for students who are currently enrolled in an undergraduate level degree program at Technical Institutions.

The objective of the program is to expose undergraduate students to the available facilities at **Electrical Engineering Department**, and to familiarize them with the learning resources that exist with **MNNIT Allahabad**. Exposure to the subjects and related laboratory by the in-house as well as outside subject experts. Presentations and panel discussions from our graduate students, along with hands on training tutorials on technical report-writing and preparation for GATE, are the main highlights of SIP. These features will prepare SIP participants for future opportunities.

Applicants Qualifications

The program targets, but is not limited to, students with following qualifications:

- All applicants must have active student status.
- All applicants must have minimally completed at least *two/three years* of B.E. / B.Tech. course work in Electrical Engineering.

Program Duration

- Internships for *06 weeks*, during **June 04 - July 12, 2014**.

Program Guidelines

- Qualified candidates should meet the criteria set above.
- Number of available seats = **100**.
- A minimum commitment of 6 weeks is mandatory for SIP.
- All participants, successfully completing the SIP, will receive certificate.
- Course material and Registration kit will be provided during the program.

Program Fees

- Rupees 10000/- (Ten Thousand) only.
- A **20% discount** in program fees will be given to **IEEE Student members**, limited to 10% of total available seats only.

Course Contents:

- Fundamental concepts of various components of Electrical Engineering course and their simulation will be discussed. The level is kept introductory so that beginners can be benefited. The course will comprise of tutorials followed by workshop and assignments.

(A) **Review of Theoretical Concepts:**

1. Fundamentals of Electrical Engineering.
2. Electrical measurements and measuring instruments.
3. Electrical machines.
4. Power system.
5. Control system.
6. Power electronics.
7. Electric drives.
8. Network systems.
9. Virtual instrumentation.

(B) **Exposure to Simulation Tools:**

- The participants will be given exclusive knowledge and unique insight on the capabilities of Matlab/Simulink, PSCAD etc, in form of most useful tips and techniques to reinforce concepts and build proficiency. These techniques include innovative training materials and hands-on labs that enrich the learning process.

(C) **Industrial Visits:**

- Tours and demonstrations of facilities, at some of the substations / core industrial installations, situated nearby.

The course is non-residential; however, limited accommodation may be arranged in the institute hostels. Nominal fee will be charged for hostel accommodation. Students are required to pay for their own food/mess charges.

*Application form along with other details is available on the Institute website <http://www.mnnit.ac.in>. The applicants are required to download the application form and send hard copy of the duly filled in form to: **The Coordinator, SFSIP-2014, Department of Electrical Engineering, Motilal Nehru National Institute of Technology Allahabad, Allahabad-211004, Uttar Pradesh**, along with a self-attested copy of mark-sheet of the last semester i.e. 3rd or 5th semester, so as to reach us by 31/05/2014.*

REGISTRATION FEE: Rs. 10000=00

*For IEEE student members 20% discount in registration fee will be given which will be limited to only 10 % students of total available seats (i.e. their Reg. fee will be **Rs. 8000=00**)*

MODE OF PAYMENT:

Payment should be made by Demand Draft in favour of “SFSIP-2014” payable at VIJAYA bank, MNNIT Allahabad branch.

IMPORTANT DATES:

Issue of Application form	May 20, 2014
Last date of receipt Application form	May 31, 2014
Confirmation will be intimated (through e-mail):	June 02, 2014
Course duration:	June 04-July 12, 2014

CONTACT ADDRESS:

Coordinator,
SFSIP-2014, Department of Electrical Engineering,
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004, Uttar Pradesh,
Phone No.: 91-532-2271400, 9415016036, 9455133600
heed@mnnit.ac.in, rktripathi@mnnit.ac.in, asheesh@mnnit.ac.in

Note:

- Please mention on the envelope “SFSIP-2014” Department of Electrical Engineering
- Candidates should mention their e-mail and contact number in application form.

**Coordinator
SFSIP-2014**

**MOTILAL NEHRU NATION INSTITUTE OF TECHNOLOGY
ALLAHABAD-211004 INDIA**

**APPLICATION FOR SELF FINANCED SUMMER INTERNSHIP PROGRAM (SFSIP-2014) IN
ELECTRICAL Engineering DEPARTMENT**

APPLICATION FORM



1. Name (in block letters) _____
2. Father's Name _____
3. Date & Place of Birth _____
4. Nationality _____
5. Institute/College/University _____
6. Percentage/CPI/CGPA up to last semester _____
7. Address Correspondence (with Phone No. and Email ID) _____

8. Qualification (SSC/High School onwards)

Exam Passed	Board / University	Stream	Date of release of Mark sheet	Year of Passing	Division	Percentage of marks obtained

9. Whether Hostel required _____(Yes/No)
10. Details of Fee Paid: Draft No: _____ Date _____ Place _____
11. IEEE Student Membership Number (if applicable).....
12. Any other relevant information:

I hereby certify that the above information is correct to the best of my knowledge and belief. I have not suppressed any material fact or factual information in the above statement.

Date:

Place:

Signature of Candidate