



सूक्ष्म कणिका एवं संचार अभियंत्रण विभाग
Department of Electronics & Communication Engineering
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY
इलाहाबाद 211004
ALLAHABAD-211004

Summer Training Program on Signal Processing and Communication Systems (SPCS-2018)

The Department of Electronics & Communication Engineering is organizing a four-week self-financed summer training program on “*Signal Processing and Communication Systems (SPCS-2018)*” from 13th June- 12th July 2018.

The course is designed for 2nd Year/ 3rd Year **undergraduate students** of Electrical Engineering and Electronics & Communication Engineering and other associated branches in the area of Signal Processing and Communication Systems. The course covers theoretical as well as practical aspects in the respective fields. The Laboratory of the department is a state of art lab with hardware/equipments like DSP Kit, Texas TMS320 C6711, TMS320 C6713, TDS-2002 DSO 2 channel 60 MHz, Agilent Signal Analyzer (9KHz-20GHz), Agilent 17-channels Probe Logic Analyzer, Agilent Programmable Function Generator, Agilent RF Vector Signal Generator (9KHz-6GHz) Optical spectrum analyzer, OTDR, optical power meter, Microwave test bench and software like MATLAB, signal studio software and Baseband studio software (Agilent), QualNet, Network simulator etc. The participants will get hands on experience on above mentioned hardwares and softwares. We also intend to invite industrial professionals and faculty from reputed institutes for expert lectures in the field of Signal Processing and Communication Systems.

Accommodation for outstation students may be arranged in the institute hostel. However, nominal fee for hostel accommodation as per the institute norms will be charged from the students.

(1) Eligibility: B.Tech./BE (Electronics / Electronics & Communication/ Electronics & Telecommunication/ Electrical & Electronics/ Electrical Engineering or similar discipline) Second Year and Third Year Students of any UGC/ AICTE recognized University/ Institute/ College.

(2) Scope: The Course is divided into two parts (i) **Signal Processing** – In this part concepts of Signal Processing and related Softwares & Hardwares will be covered (ii) **Communication Systems** – This part will cover all type of Communication System in brief and their applications through hardware and software. (Topic wise details will be given separately)

(3) Fees & mode of payment: Course Fees is ₹ 10,000/- (**Rs. Ten Thousand only**). However, course fee for MNNIT Students is ₹ 8,000/- (**Rupees Eight Thousand only**). The course fee should be paid through NEFT as per the following details:

Account Name: SPCS -2018

Account No: 718400301000304

IFSC Code: VIJB0007184

Bank Name & Branch: Vijaya Bank, MNNIT Allahabad

The course fee is non-refundable if student is shortlisted for the course. However, course fee will be refunded in case student is not selected.

(4) Duration: This is a one-month training Program. The starting date of the course will be 13th June 2018

(5) Application Procedure: Application form and information brochure will be available from 6th April 2018 to 22nd May 2018 on the website <http://www.mnnit.ac.in>. The applicants are required to download the application form and send the duly filled form to *The Coordinator, SPCS-2018, Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology Allahabad, Allahabad-211004, Uttar Pradesh* along with the Receipt of the Application Fee paid on or before 22nd May 2018.

REGISTRATION FEE:

<i>Type of Registration</i>	<i>Fee</i>
Students Outside MNNIT:	Rs.10000/-
Student from MNNIT:	Rs. 8000/-

IMPORTANT DATES:

Issue of Application form	6 th April 2018
Last date of receipt Application form	22nd May 2018 , 31 th May 2018 (Extended)
Confirmation will be intimated by (through e-mail)	2 nd June, 2018
Course duration:	13 th June to 12 th July, 2018

CONTACT ADDRESS:

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Note:

- Please mention on the envelope “*SPCS-2018*” *Department of Electronics and Communication Engineering,*
- Candidates should mention their e-mail and contact number in application form.

**Coordinators
(SPCS-2018)**