

## MNNIT Allahabad

MNNIT Allahabad was established in 1961 and is one of the premiere engineering institutions in the country. It offers B. Tech. programmes in nine branches of technology, M.Tech. programmes in twenty disciplines, MCA, MBA, M. Sc. (Mathematics and Scientific Computing), Master of Social Work (MSW) and Ph.D. programme in all branches of engineering, science and management.

The city of Allahabad is situated on the banks of the rivers Ganga, Yamuna and the invisible Saraswati. The confluence of the three rivers is popularly known as 'Sangam'. Allahabad is directly connected to all the important cities.

### Electronics and Communication Engineering Department

The Electronics & Communication Engineering Department offers one undergraduate program in Electronics Engineering and Three post graduate programmes. Besides this the department is also QIP (Quality Improvement Program) center for M.Tech and Ph.D programs. The Department has highly qualified and competent faculty members in the areas of Micro-processor and Microcontrollers, Digital Signal Processing, Data Communications & Networking, Mobile and Wireless communications, and VLSI & Micro-electronics.

#### Contact :

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## ASEM - 2019 Committtee

### Patron (s)

**Prof. Rajeev Tripathi, Director,**  
MNNIT Allahabad

**Prof. J.P.Pandey, Director,**  
KNIT Sultanpur

### Chairperson (s)

**Prof. Vijya Bhaudria, Head, ECED,**  
MNNIT Allahabad

**Prof. A. K Singh, Head, EED**  
KNIT Sultanpur

### Coordinator (s)

MNNIT Allahabad

**Dr. Sanjeev Rai**

**Dr. Arvind Kumar**

KNIT Sultanpur

**Dr. Harsh Vikram Singh**

**Dr. R. K. Singh**

### How to Apply

Application in the prescribed format along with the detail of online transfer should reach on or before 1st April 2019. Kindly send a scanned copy of the form to coordinators, at MNNIT Allahabad. Further, in case of any difficulty contact the coordinators

## Workshop

On

### Advanced Embedded System and Microelectronics (AESM-2019)

1<sup>th</sup> – 5<sup>th</sup> April, 2019



Sponsored by  
TEQIP-III

*Jointly Organized by*

**Department of Electronics & Communication  
Engineering**

**Motilal Nehru National Institute of  
Technology Allahabad, Prayagraj, U.P.-211004**

&

**Department of Electronics Engineering  
Kamla Nehru Institute of Technology**

**Sultanpur, U.P.- 228118**

## KNIT Sultanpur

KNIT was initially established as the Faculty of Technology in the year 1976 by Kamla Nehru Memorial Trust. It was taken over by the Govt. of Uttar Pradesh in 1979 with a view to developing a full-fledged Engineering Institute in the Eastern UP region better known as the Awadh region. Later, in the year 1983 it was registered as a separate society and renamed as the Kamla Nehru Institute of Technology.

The Institute is one of the leading technical Institutions of the region and is responsible for producing top-grade engineers with skill sets comparable with the best in the world. Being fully aware of its social responsibilities and the addressing the issue of application of technology to industry, it also renders the testing and consultancy services to the neighboring industries and various other agencies. The Institute is presently Autonomous College Of Dr. A.P.J. Abdul Kalam Technical University, formerly Uttar Pradesh Technical University, Lucknow.

## Electronics Engineering Department, KNIT Sultanpur

The Electronics Engineering Department offers both U.G. and P.G. (Part Time) courses. It has a well qualified faculty and technical supporting staff. All the laboratories of the department are well equipped with modern equipments. The department has also acquired state-of-the-art equipments through World Bank assisted TEQIP program.

### Course Content:

The 8051 and PIC Microcontrollers: Architecture, Instruction sets and Programming. Interfacing Input/output Devices. Micro-C Compiler and programming.

Microelectronics & its evolution, Introduction to VLSI Technology and latest developments, NMOS, CMOS and their comparison, concept of sheet resistance and standard unit of capacitance applied to MOS devices, concept of power dissipation and delay, domain description, design strategies, testability.

### Who Can Attend ?

The course will be useful for the faculty members / Doctoral & PG students of different universities / Institutes / Colleges & professionals working in the industries. Limited number of UG students may also be selected based on the availability of seats . Selected candidates will be informed through email.

### About Prayagraj

Prayagraj, one of the proposed smart cities , is well known throughout the country for its purity and cleanliness that the has maintained for many years. It's is holly and religious place and the meeting point of three most pious rivers namely Ganga , Yamuna, and Saraswati which is popularly known as "Sangam"

### Registration fee

Rs. 500/- : Research Scalars/Students

Rs. 1000/- : Faculty members

Rs. 1500/- : Participants form Industry

Register fee online transfer detail:

**Name: AESM-2019 A/C No. 718400301000354**

**Bank : Vijaya Bank , Branch: MNNIT Allahabad**

**IFSC : VIJB0007184,**

## Registration form

### Workshop

on

## Advanced Embedded System and Microelectronics (AESM-2019)

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Jointly Organized by

**Department of Electronics & Communication**

**Engineering , MNNIT Allahabad**

**&**

**Department of Electronics Engineering ,  
KNIT Sultanpur**

**Name: .....**

**Designation: .....**

**Organization: .....**

**Qualification: .....**

**Mailing Address: .....**

**Mobile No. : .....**

**Email: .....**

**Online transfer particulars:**

**Amount: .....Transaction No. ....**

**Date: .....**

**Accommodation: Yes/No**

**Signature of Applicant**