

## ABOUT THE INSTITUTE

Established in the year 1976, Kamla Nehru Institute of Technology, Sultanpur 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. It also renders the testing and consultancy services to the neighbouring industries and various other agencies. This is presently an autonomous government engineering institute (under 2f and 12B of UGC Act) and affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow, India. The institute offers B.Tech. and M. Tech. and Ph.D. courses in Civil, Electrical, Mechanical, Electronics, Computer Science & Engineering and Information Technology disciplines in addition to M.C.A. course as well.

## ABOUT THE A.I.C.T.E.

All India Council for Technical Education (AICTE) was set-up in November 1945 as a national level Apex Advisory Body to conduct survey on the facilities on technical education and to promote development in the country in a coordinated and integrated manner. And to ensure the same, as stipulated in, the National Policy of Education (1986), AICTE be vested with statutory authority for planning, formulation and maintenance of norms and standards, quality assurance through accreditation, funding in priority areas, monitoring and evaluation, maintaining parity of certification and awards and ensuring coordinated and integrated development and management of technical education in the country.

The Government of India (Ministry of Human Resource Development) also constituted a National Working Group to look into the role of AICTE in the context of proliferation of technical institutions, maintenance of standards and other related matters. The Working Group recommended that AICTE be vested with the necessary statutory authority for making it more effective, which would consequently require restructuring and strengthening with necessary infrastructure and operating mechanisms. Pursuant to the above recommendations of the National Working Group, the AICTE Bill was introduced in both the Houses of Parliament and passed as the AICTE Act No. 52 of 1987.

### CHIEF PATRON

Prof. Vinay Pathak  
VC, AKTU Lucknow

### PATRON

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

### Organizing Head

Prof. A. K. Singh  
Head, Electronics Engg., KNIT, Sultanpur

### CONVENORS

Prof. Y.K. Mishra  
Prof. Rakesh Kumar Singh

ORGANIZING SECRETORY  
Prof. S.P. Gangwar

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Prof. Shashank Kumar	Prof. Rajneesh Kumar
Prof. Ambuj Kumar	Prof. Prashant Singh
Prof. Rahul R. Kumar	Prof. Ankita Bajpeyi
Prof. Sabbir Ahamad	Prof. M. Saud

### COORDINATOR

Dr. Harsh Vikram Singh  
Associate Professor, Electronics Engg.  
harshvikram@gmail.com,  
harshvikramsingh@knit.ac.in  
Mob. No. 9415763939

## AICTE Sponsored One week Short Term Training Program

on

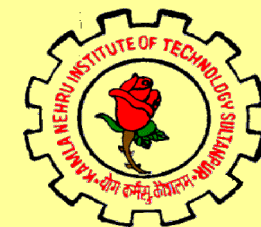
## “Simulation Techniques for Engineering Research” (September 16 to 21, 2019)



Sponsored by  
All India Council for Technical Education  
(A.I.C.T.E.)



Organized By  
Department of Electronics Engineering  
KAMLA NEHRU INSTITUTE OF TECHNOLOGY  
(An Autonomous Govt. Institution)  
SULTANPUR - 228 118 (U.P.),  
INDIA



## HOW TO REACH

The Institute is situated 5 Km away from the Sultanpur city on NH-96 (Allahabad-Faizabad National Highway) on the bank of river Gomti. Sultanpur District is a part of Faizabad Division (situated about 140 Kms away from Lucknow on NH-56) and is well connected through road and rail network. The nearest airport is Amousi (Lucknow) and Babatpur (Varanasi) which is about 140 Km far from the Institute.

## VENUE

Seminar Room, Department of Electronics Engineering KNIT Sultanpur Inaugural function is scheduled at 10:00 AM on September 16, 2019.

## ABOUT THE DEPARTMENT

The Electronics Engineering Department is one of the oldest departments of the institute. The department has a well qualified faculty and technical supporting staff. The department offers B.Tech., M.Tech (Regular), M.Tech (Part Time) and Ph.D. courses. All the laboratories of the department are well equipped with modern equipments.

## EXPECTED OUTCOME

1. To understand basics of simulation
2. State the Research problem and objective
3. Use appropriate method of research
4. Select appropriate research tools and design
5. Determine the mathematical method that is appropriate in a given situation.
6. Enhance teaching and other skills
7. Make them aware about modern teaching tools and methodologies.
8. Acquire knowledge about current technological developments in relevant fields
9. Impart professional practices relevant to technical education
10. Achieve competitive teaching and learning environment.

## IMPORTANT DATES

Last date of Registration Form Submission *August 25, 2019*

Notification of Selection *August 30, 2019*

## SCOPE OF STTP

**Short Term Training Program** is intended to provide opportunities through AICTE approved Colleges / Institutions for induction training to **teachers, supporting technical and administrative staff** employed in AICTE approved Technical Institutions to facilitate up gradation of knowledge and teaching skills. It exposes the participants to cutting edge technologies, tools and professional practices. This in turn aids in inculcating technical and ethical values in students and guiding and monitoring their progress towards their career.

Techniques used for solving the mathematical models and performing simulation in different environment will be covered during the course. Real-time simulation is critical when hardware is in the loop. An exposure to this course will help in modeling a complex engineering system and conducting the simulations, as a design aid.

## REGISTRATION DETAILS

**Participation:** All teachers, supporting technical and administrative staff in areas of technical education in AICTE approved institutions are eligible to participate. **There is no registration fee** for participants. **Selected candidates will be paid TA/DA as per AICTE/Institute norms.**

**Accommodation:** Accommodation to the outstation participants will be provided at institute Guest House / Hostels on request.

**The interested candidates may send their dully filled registration form to the Programme Coordinator on or before August 25, 2019.**

100% attendance is compulsory in all the sessions on all the days failing which no certificate will be given under any circumstances. A test to be conducted at the end of the Programme and a certificate to be issued to only those participants who attended the Programme and qualified in the test. The decision regarding the acceptance for the Programme will be taken by the coordinator after receiving the completed application form.

For more information and updates please visit institute website [www.knit.ac.in](http://www.knit.ac.in)

## Registration Form

# AICTE Sponsored One week Short Term Training Program

on

## “Simulation Techniques for Engineering Research”

(September 16 to 21, 2019)

K. N. I. T., SULTANPUR – 228 118 (U.P.), INDIA

1. Name \_\_\_\_\_  
(In Block Letters)

2. Designation \_\_\_\_\_

3. Name & Address of Institute/Organization

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Address for Communication

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. E-Mail Address \_\_\_\_\_

6. Phone / Mobile No. \_\_\_\_\_

7. Accommodation Required Yes  No   
(Accommodation is available in Guest House & Hostels)

Place \_\_\_\_\_

Date \_\_\_\_\_

Signature of Candidate

Forwarded by:

Head of the Institution  
(Seal and Signature)