

## 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. The institute is an autonomous government engineering institute (under 2f and 12B of UGC Act) and affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow, India. It also renders the testing and consultancy services to the neighbouring industries and various other government agencies. 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.

## ABOUT 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.

## PATRON

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

## CONVENORS

Prof. S. P. Kutar (I/c HoD)  
Dr. A. K. Chauhan  
Prof. Shashank Kumar  
Prof. Ambuj Kumar

## ORGANIZING SECRETARY

Dr. Anil Kumar  
Prof. Rajnish Singh

## ORGANISING COMMITTEE

Prof. H.V. Singh	Prof. Manish Kumar Seth
Prof. S. P. Gangwar	Prof. Virendra Kumar
Prof. Pradeep Kumar	Prof. Brijesh Kumar
Prof. Bipin Prajapati	Mr. Shailendra Kumar
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Prof. Ram Poojan Yadav	Mr. Ritesh Jaiswal
Prof. Ravi Kumar	

## COORDINATOR

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Assistant Professor, Mechanical Engineering

## AICTE Sponsored Two week Faculty Development Programme

on

## Process Improvement Methodologies “Lean & Six Sigma”

(November 20 to December 1, 2019)



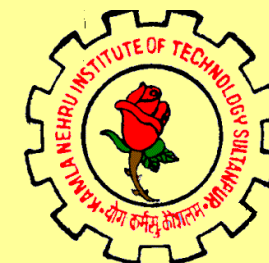
Sponsored by

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



Organized By

Department of Mechanical 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

The venue of the program is the Department of Mechanical Engineering KNIT Sultanpur. The Inaugural function is scheduled at 10:00 AM on November 20, 2019.

## ABOUT THE DEPARTMENT

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

## Lean and Six Sigma

Lean Six Sigma is a two staged business approach to continual improvement which focuses on reducing waste and product variation from manufacturing, service or design processes. Combined, the two approaches drive continual improvement, building a philosophy that is the foundation of all effective management systems and any business that wants to grow and progress for the future.

## Outline of Programme:

- Overview of Lean Six Sigma
- Perspectives of Lean Six Sigma
- Recognize Phase
- DEFINE Phase
- Fundamentals of Statistics
- Measure Phase
- Analyze Phase - Seven QC Tools
- Analyze Phase - Lean Tools
- Analyze Phases
- Improve Phase
- Control Phase
- Design for Six Sigma

## IMPORTANT DATES

Last date of Registration Form Submission *November 16, 2019*

Notification of Selection *November 18, 2019*

## SCOPE OF FDP

**Short Term Training Program** is intended to provide opportunities through AICTE approved Colleges / Institutions for induction training to **teachers, supporting technical, Students 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.

The objective of the training is to measure quality of the process for eliminating defects (driving toward six standard deviations between the mean and the nearest specification limit) that strives for near perfection. This is one of the core subjects of UG and PG standard of Mechanical Engineering branch. The new methodology and advancement will the faculty to cope with the market.

## REGISTRATION DETAILS

**Participation:** All teachers, supporting technical, Student 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 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 November 16, 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 will be conducted at the end of the Programme and certificate shall be issued to only those participants who attended the Programme and qualified in the test. The decision regarding the acceptance for participation in the Programme shall be taken by the coordinator after receiving the application form complete in all respect.

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

## Registration Form

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On

Process Improvement Methodologies

“Lean & Six Sigma”

(November 20 to December 1, 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 Department /  
Head of the Institution  
(Seal and Signature)