

### REGISTRATION

The Registration is **FREE** for all the participants from AICTE recognized Engineering Colleges / Polytechnics, R & D Organizations, Industries and Government Departments.

Registration Confirmation Fee is Rs.750/- (**REFUNDABLE** at the end of FDP).

Demand Draft should be drawn in favour of "**The Principal, K.L.N. College of Engineering**" payable at **Madurai**.

### SPONSORSHIP CERTIFICATE

Dr. / Mr. / Mrs. \_\_\_\_\_ of \_\_\_\_\_ Department is being permitted to attend AICTE Sponsored Two Weeks FDP on Digital India through Solid Modeling and 3D Printing Techniques for Indian Industries organized by Department of Mechanical Engineering, K.L.N. College of Engineering, Pottapalayam during 6-19 June 2019, if selected.

Signature  
Head of the Institution / Organization with Seal

### ADDRESS FOR COMMUNICATION

**Dr. P. Udhayakumar**  
Co-ordinator,  
Department of Mechanical Engineering,  
K.L.N. College of Engineering,  
Pottapalayam - 630 612 (11kms from Madurai City)  
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Phone : (0452) 2090971, Extn: 229  
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Email : aictefdpkln2019@gmail.com  
Website: : www.klnce.edu

### ELIGIBILITY FOR PARTICIPATION

Faculty from AICTE recognized Engineering Colleges / Polytechnics (with Interdisciplinary nature such as Mechanical, Production, Automobile, Electrical, Electronics, Bio-Medical, Instrumentation, Computer and Science Background), Participants from R & D Organizations, Industries and Government Departments are eligible to attend the Programme.

### TRAVEL AND ACCOMMODATION

As per the AICTE guidelines,  
\* Travel Allowance will be given.  
\* FREE Boarding and Lodging will be provided by the Institution.

### RESOURCE PERSON

Sessions will be handled by the Eminent Personalities from Reputed Academic Institutions, R & D Organizations and Practicing Engineers from Industries.

### PROGRAM EVALUATION COMMITTEE

Dr. A.V. Ramprasad, Chairperson, Principal  
Dr. P. Udhayakumar, Member Secretary, Co-ordinator  
Dr. V. Kejalakshmi, Member, HOD/ECE  
Dr. R. Alageswaran, Member, HOD/IT  
Dr. S. Venkatanarayanan, Member, Prof / EEE

At the end of the Faculty Development Programme, a test will be conducted by the Programme Evaluation Committee as per the AICTE guidelines.

The Certificate will be issued to the Participants who have attended the programme and also have qualified in the test.

### IMPORTANT DATES

Last Date for Registration: 01-06-2019  
Selection Intimation : 02-06-2019



**AICTE Sponsored**  
**Two Weeks Faculty Development**  
**Programme**  
**On**  
**DIGITAL INDIA THROUGH**  
**SOLID MODELING AND 3D PRINTING**  
**TECHNIQUES FOR INDIAN INDUSTRIES**

**06-19 June 2019**

**Convenor**

**Dr. A.V. Ramprasad**  
**Principal**

**Co-ordinator**

**Dr. P. Udhayakumar**  
**Prof & Head / Mech. Engg.**

Organized by

**Department of Mechanical Engineering**  
**K.L.N. College of Engineering**  
**Pottapalayam – 630 612**  
**(11kms from Madurai City)**  
**Sivagangai District, Tamilnadu**

### ABOUT THE INSTITUTE

K.L.N. College of Engineering is the first self-financing Co-educational Engineering College in Madurai, started in the year 1994 by Munificence of Philanthropist and well-wishers in Sourashtra Community which is a linguistic minority in Tamilnadu. This college is sponsored by the committee of eminent industrialists and academicians led by enthusiastic, educationalist and industrialist (Late) Thiru K.L.N. Krishnan.

This college has been approved by All India Council for Technical Education, New Delhi and is affiliated to Anna University, Chennai. This college is situated on the South Eastern outskirts of Madurai, 11th Km on Madurai – Nedungulam Road. It is built in an area of 53.8 acres. This College offers Seven Undergraduate Programmes, Seven Postgraduate Programmes and Doctoral Programmes in Engineering. The college is accredited by National Assessment and Accreditation Council (NAAC) for 5 years and also an ISO 9001:2015.

### ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was started in the year 1994. The Department offers B.E Degree course in Mechanical Engineering and M.E Degree course in CAD/CAM. Anna University Chennai has recognized the Department as Research centre for doing Ph.D. The Department has been accredited (successfully 5<sup>th</sup> time) by NBA, New Delhi.

The Department is well equipped with qualified and experienced faculty members with research and industrial background. Five staff members are recognized as supervisors for guiding the Ph.D scholars of the University. The department contains well established laboratories to impart good practical training to the students.

### COURSE OBJECTIVE

- ☆ To update the participants with the state of the art technologies in 3D Printing.
- ☆ To provide knowledge about current technological developments in solid modeling and 3D Printing.
- ☆ To expose the newer materials, modern tools and methodologies available in 3D Printing.
- ☆ To review the recent developments in Industrial, Real life and Pedagogical applications of 3D Printing.
- ☆ To provide hands on training in 3D Printing & 3D Scanning.

### COURSE COVERAGE

- ✓ Status, Challenges and Future of 3D Printing
- ✓ Geometrical Design Optimization
- ✓ Solid Modeling and 3D Printing File Formats
- ✓ Product Customization
- ✓ Laser Assisted Manufacturing
- ✓ Design for Additive Manufacturing
- ✓ 3D Printing: Newer Materials, Software & Processes, Techniques
- ✓ 3D Printing in Aerospace, Defense and Health Care Applications
- ✓ Industry Case Study Problems
- ✓ Hands on experience in 3D Printing and 3D Scanning
- ✓ Guidelines on how to publish research papers in reputed journals
- ✓ Visit to Industrial Trade Fair-INTEC 2019, Coimbatore
- ✓ Industrial Visit



**AICTE Sponsored Two Weeks  
Faculty Development Programme on  
Digital India through Solid Modeling and 3D  
Printing Techniques for Indian Industries**



### REGISTRATION FORM

Name:

Age:

Gender:

Qualifications:

Designation:

Experience (in years): \_\_\_\_\_

Teaching : \_\_\_\_\_ Industry: \_\_\_\_\_

Name of the Institution / Industry:

Address for Communication:

Mobile Number:

Whatsapp Number:

Email ID:

Accommodation Required : Yes / No

Name of the Bank:

DD No: \_\_\_\_\_ dated \_\_\_\_\_ for Rs. \_\_\_\_\_

I declare that the details furnished are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct of AICTE sponsored FDP.

Place:

Date:

Signature of the Participant