

REGISTRATION FORM

**SEVEN DAYS FDTP**

On

**"Engineering Materials and Metallurgy"**

27<sup>th</sup> Nov to 03<sup>rd</sup> Dec 2017

Name :

Date of Birth :

Designation :

Institution :

Educational Qualification :

email ID :

Phone / Mobile :

Experience :

Accommodation required: YES / NO

**Declaration**

The above information is true to the best of my knowledge and I agree to abide by the rules and regulations governing the FDTP. If selected, I shall attend the programme for the entire duration.

Place:

Date:

Signature of the Applicant

**SPONSORSHIP**

Mr. /Ms/ Dr. \_\_\_\_\_

is a faculty member of our Institution and is hereby permitted to attend the FDTP on ME 6403 "Engineering Materials and Metallurgy" at Department of Mechanical Engineering, K.L.N. College of Engineering, Pottapalayam from 27<sup>th</sup> Nov to 03<sup>rd</sup> Dec 2017.

Signature of the Principal  
with Seal

Place:

Date:

**Address for Communication**

**Dr. P. Udhayakumar**  
**Mrs. A.Hemalatha**

Co-ordinator, FDTP on EMM  
Department of Mechanical Engineering  
K.L.N. College of Engineering  
Pottapalayam – 630 612  
Sivagangai District

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**Seven Days Faculty Development  
Training Programme**

on

**ME 6403**

**Engineering Materials and Metallurgy**

27<sup>th</sup> Nov to 03<sup>rd</sup> Dec 2017

**Coordinators**

**Dr. P. Udhayakumar**

**Mrs. A.Hemalatha**

Approved by



**Anna University**

**Chennai**

Organized by



**Department of Mechanical Engineering**

(Accredited by NBA, New Delhi)

**K.L.N. College of Engineering**

**Pottapalayam – 630 612**

**Sivagangai District**



## ABOUT THE COLLEGE

K.L.N. College of Engineering is the first self-financing Co-educational Engineering College in Madurai, started in 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 (Amarar) Thiru. K.L.N. Krishnan. This college has the approval of 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, 11<sup>th</sup> 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.

## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering is well equipped with qualified and experienced faculty members with research and industrial background. The Department offers B.E Degree course in Mechanical Engineering, M.E Degree course in CAD/CAM and Research Programme leading to Ph.D. The Department is accredited for 4<sup>th</sup> time by NBA, New Delhi. Anna University Chennai has recognized the Department as Research Centre for Ph.D work. Three staff members are recognized as supervisors for guiding the Ph.D.Scholars of the University.

## OBJECTIVE

The purpose of this Faculty Development Training Programme (FDTP) is to provide wide exposure for faculty members in handling the course Engineering Materials and Metallurgy. This course will also be useful for the faculty members who are interested in pursuing research and to upgrade their knowledge in the above area.

## CONTENT OF THE FDTP

- Alloys and Phase Diagrams
- Iron-Carbon Equilibrium Diagram
- Microstructure, Properties and Applications of alloys
- Heat Treatment Processes
- Isothermal transformation and cooling curves
- Effect of Alloying additions
- Ferrous and Non-ferrous metals
- Heat treatment of Non-ferrous alloys
- Properties and Applications of Polymers
- Classification of Polymers
- Ceramics and Composites
- Deformation Mechanisms
- Fracture Mechanisms
- Failure Mechanisms
- Testing of Materials

## RESOURCE PERSONS

Sessions will be handled by Experts from Reputed Institutions and Industries.

## REGISTRATION DETAILS

- There is no Participation fee.
- Faculty from Affiliated Engineering College only are eligible for this FDTP and not from any other University and other State University.
- Total number of participants is restricted to 25 only.
- Participants will be selected on first come & first served basis.
- Priority will be given to Assistant and Associate Professor.

## ORGANIZING COMMITTEE

CHIEF PATRON	: Vice - Chancellor Anna University, Chennai.
PATRON	: Dr. S.Ganesan Registrar, Anna University, Chennai.
CHAIR	: Dr. K.Shanthi Director, CFD  Dr. D.Sridharan Addl. Director, CFD
Co-CHAIR	: Dr. A.V.Ramprasad Principal, KLNCE
Coordinators	: Dr. P.Udhayakumar Prof & Head / Mech., KLNCE  Mrs. A.Hemalatha ASP / Mech., KLNCE
Venue	: Seminar Hall Dept. of Mech. Engg.,

## IMPORTANT DATES

Submission of Application	: 21.11.2017
Intimation of Selection	: 23.11.2017
Confirmation by Participants	: 24.11.2017