

Registration form

TEQIP-III sponsored one-week FDP on
Advances in Surface Engineering
(1-5 May 2018)

- 1.Name:
- 2.Date of Birth:
- 3.Designation:
- 4.Address for correspondence:

- 5.Mobile No:
- 6.E-mail:
- 7.Organization Address:

- 8.Highest Academic Qualification:
- 9.Experience:
- 10.Accommodation Required: YES/NO
- 11.Gender: Male/Female:

Declaration: The information provided is true to the best of my Knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration.

(Signature of applicant with date)

Signature of Head of Institution/ Department with seal

Registration: Registration form in the prescribed format approved/sponsored by competent authority should reach to the course coordinator on or before 15 April 2018. There is no Registration fee for participants from AICTE approved institutions. List of selected participants will be intimated to the participants through e-mail.

Eligibility: Faculty members from AICTE recognized institutes, Research Scholars and M.Tech students in the area of mechanical & production and persons involved related to the course from industries are eligible to attend the FDP.

Accommodation and Travel: Accommodation for pre-registered delegates can be arranged in campus Guest house or Hostel on payment basis if available. The delegates will have to bear the expenses. TA/DA will not be paid for attending FDP. However, working lunch/tea will be provided during course.

Submission of Registration form to:

Dr. N. Yuvaraj

Course Coordinator

Department of Mechanical and Production Engineering,
Delhi Technological University,
Bawana Road, Delhi 110042.

Email: yuvraj@dce.ac.in mobile: +91-9871536689

For further details visit University Website.

www.dtu.ac.in

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One Week FDP
On
Advances in Surface Engineering
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Chairman

Prof. Vipin, HOD, Mech, DTU

Course Coordinator

Dr. N. Yuvaraj

Organized by

Department of Mechanical, Production &
Industrial and Automobile
Engineering

Delhi Technological University

Bawana Road, Delhi-110042

(web site: www.dtu.ac.in)

About DTU:

Delhi Technological University (DTU) was established in 1941 as Delhi Polytechnic, and was under the control of the Government of India; later called Delhi College of Engineering was under the Government of National Capital Territory of Delhi since 1963 and affiliated to the University of Delhi since 1952. In July 2009, Delhi College of Engineering was upgraded to a state University and renamed Delhi Technological University. It offers courses such as Bachelor of Technology (B.Tech), Master of Technology (M.Tech), Doctor of Philosophy(PhD), Master of Business Administration (M.B.A) and B.Tech (Evening) and contains 14 academic departments with strong emphasis on scientific and technological education and research. DTU consistently rank among top Engineering Institutions of India for past so many years.

About Mechanical Engineering Department:

The Department of Mechanical Engineering is one of the oldest academic departments of this prestigious institution. This department plays an important role by producing Graduates and Post Graduates of high quality, retaining its edge in campus placements in

industries of high reputation and in international competitions on the strength of its innovative product development. Department is equipped with advanced research facilities and flourishing under the guidance of the eminent faculty.

About the course:

The demands of advanced materials & composites are increasing day by day in the industries. The advanced materials and composite materials are high strength, low weight, good wear and corrosive resistance and being used in automotive, aerospace, structural and similar areas. The basic objective of the workshop is to imparting the latest and advanced inputs about surface engineering of advanced materials & composites for the faculty, scientist and research scholars of the engineering Institution, University, R&D centers. This program has been designed to provide the knowledge and work experience on recent surface engineering techniques, methods and inspection & quality aspects in surface modification and allied processes.

Objectives of the course:

The course is proposed to generate and impart knowledge on the recent development, challenges in surface engineering processes.

- To provide the knowledge about new surface modification techniques and challenges in advanced materials and composites.
- To study the quality control and assurance in Surface Engineering.
- To provide the knowledge about thin film coating, FSP modification methods, surface cladding, Laser cladding, coating, Thermal spraying, corrosion resistance etc.
- Surface Characterization using XRD, SEM, FESEM and TEM methods.
- Thin film applications
- To provide the hands on practical experience in surface modification process.

Resource Persons:

Faculty members of IITs, NITs, DTU, reputed institutions and industry persons.