



Faculty Development Programme (FDP)

(Online)

on

RECENT ADVANCES IN MATERIALS CHARACTERIZATION TECHNIQUES

(19th - 23rd October 2020)

About the FDP

The objective of this programme on “Recent Advances in Materials Characterization Techniques” is to enable early stage researchers, young faculty, as well as established faculty members, to gain exposure to insightful developments taking place in the dynamic world of material characterizations. It will be extremely beneficial for the participants from diverse backgrounds such as metallurgy, materials science, mechanical engineering, physics and chemistry alike, owing to the versatility of the advanced characterization methods that they come across in the scientific world.

The speakers include highly qualified academicians and established senior scientists, who have profound knowledge in diverse material characterizations. The following techniques will be addressed in this FDP:

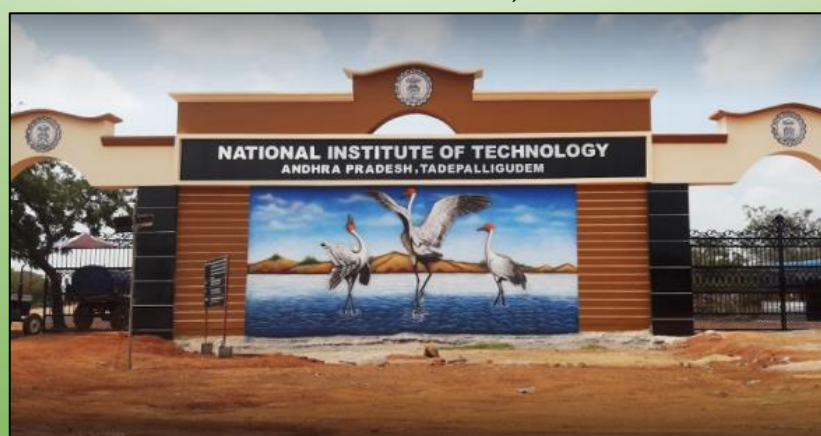
- Scanning Electron Microscopy
- Transmission Electron Microscopy
- Electron Backscatter Diffraction
- Precession Electron Diffraction
- Atom Probe Tomography
- Nano-Indentation and micromechanics
- X-Ray Diffraction
- Auger electron spectroscopy

About Institute

National Institute of Technology Andhra Pradesh is an institute of national importance established by the Government of India in 2015 in the state of Andhra Pradesh, located at Tadepalligudem, West Godavari District.. The Institute started functioning from its permanent campus, which is spread over 178 acres. The institute offers B.Tech., M.Tech., M.S. (by Research) programmes in various engineering disciplines and Ph.D. programme in Engineering, School of Sciences and School of Humanities and Management.

About the Department

The Department of Metallurgical and Materials Engineering is progressing at a rapid pace with development in both infrastructure and academic programmes. The department has highly qualified faculty members with research interests in the following areas: Extractive Metallurgy; Metallurgical Waste Utilization; Welding Metallurgy; High Temperature Corrosion; Additive Manufacturing; Powder Metallurgy; Materials Characterization; Energy-, Bio- and Nano Materials. The department offers B.Tech., M.S. (by Research) and Ph.D. Programmes (Full Time/Part Time).



Organising Committee

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Prof. C.S.P. Rao
Director
NIT Andhra Pradesh

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Head, Department of MME
NIT Andhra Pradesh

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Dr. Haribabu Palneedi
Dr. Bheekya Naik

Department of
Metallurgical & Materials Engineering
NIT Andhra Pradesh

Email: fdp.mme@nitandhra.ac.in

Eminent Speakers

Prof. Gouthama

Department of MSE, IIT Kanpur

Prof. Satyam Suwas

Department of Mat. Engg., IISc Bangalore

Dr. Ravi Chandra Gundakaram

Scientist - G, ARCI Hyderabad

Dr. Partha Ghosal

Scientist - G, DMRL Hyderabad

Dr. Kumar Babu Surreddi

Associate Professor, Dalarna University, Sweden

Dr. Phani S. Karamched

Research Scientist, University of Oxford, UK

Dr. K. G. Pradeep

Assistant. Professor, IIT Madras

Dr. Sai Ramudu Meka

Assistant. Professor, IIT Roorkee

Dr. Uma Maheswara Rao Seelam

Assistant. Professor, NIT Warangal

Dr. Raghunandan Ummethala

Assistant Professor NIT Andhra Pradesh

Who Can Attend? Faculty Members, Research Scholars and Industry Participants. The entry is restricted to 200 participants. Participants who successfully complete the registration will be given preference as first-come first-served basis and the same will be acknowledged through email. Registration will be confirmed only after receiving the payment. E-certificates will be issued to the participants who attend all the sessions.

Registration Link: <https://forms.gle/eMF86NhEPG167AjCA>

Registration Fee:

The non-refundable registration fee is Rs. 300/- for Faculty Members/Industry Participants and Rs. 200/- for Research Scholars.

Important Dates:

Registration Start : 07.10.2020
Registration End : 15.10.2020
Last date of Payment : 17.10.2020

Payment Details:

Account Name: Director, NIT Andhra Pradesh
Account Number: 34999 496394
IFSC Code: SBIN0016305
Name of the Bank: State Bank of India
Branch: Satyavathi Nagar, Tadepalligudem – 534 101

