

One Week Online Faculty Development Program

on

ADVANCED NANOMATERIALS AND THEIR ENGINEERING APPLICATIONS

(AdvNano-2020)

(03-08-2020 to 08-08-2020)

Organized by

Department of Mechanical Engineering

GMR Institute of Technology, Rajam, Srikakulam district, Andhra Pradesh

About the Programme

The Faculty Development Program intends to bring together leading academic faculty to exchange knowledge on recent innovations and scopes in various fields of advanced nano-science and their application in advanced polymer composites. The participants can get a chance to expand their knowledge on different streams of research areas in advanced nano-materials.

Organizing Committee

CHIEF PATRON

Col. G. Rajendra Prasad, CEO, GMRVF

PATRONS

Dr. CLVRSV Prasad, Principal, GMRIT

Dr. J. Raja Murugadoss, Vice-Principal, GMRIT

CONVENERS

Dr. V. Rambabu, Professor & Head, Department of Mechanical Engineering.

Dr. Nazrul Islam Khan, Sr. Asst. Professor, Department of Mechanical Engineering.

CO-CONVENORS

Dr. K. Santa Rao, Sr. Asst. Professor, Department of Mechanical Engineering.

Dr. Pankaj Kumar, Sr. Asst. Professor, Department of Mechanical Engineering

Registration Link and Contact Info

<https://forms.gle/PVMmzU3LjcWa3W8g9>

- No Registration Fee
- E-Certificate will be issued to all successful Participants

Date & Time: 03-08th August 2020,

AN: 2:00 PM – 4:00 PM

Contact:

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Dr. Pankaj Kumar +91 6372737462

Via: Microsoft Team and YouTube live

Link will be shared through mail or WhatsApp

Last date for registration: 29-07-2020. (Limited seats)



DAY 1:
03-08-20
2PM-4PM

Prof. R. Velmurugan

Professor, Aerospace Engg. Dept.,
Indian Institute of Technology, Madras
Title: **Structural Materials for Aerospace Application**



DAY 2:
04-08-20
2PM-4PM

Dr. Sudipta Halder, Post Doc AU, US

Assistant. Prof., Mech. Engg. Dept.,
National Institute of Technology, Silchar
Title: **Smart Materials**



DAY 3:
05-08-20
2PM-4PM

Dr. Bappi Paul

Faculty of Pure and Applied Science,
University of Tsukuba, Japan
Title: **Synthesis of Nanoparticles for Industrial Application**



DAY 4:
06-08-20
2PM-4PM

Dr. Manjeet Singh Goyat

Asst. Professor, Dept. of App. Sc.
UPES Dehradun, Uttarakhand, India
Title: **Mechanical properties and toughening mechanisms of non-functionalized oxide nanoparticles filled epoxy composites**



DAY 5:
07-08-20
2PM-4PM

Dr. Rajeev Kumar Gupta

Associate Professor, Dept. of App. Sc.
UPES Dehradun, Uttarakhand, India
Title: **Polymer-based superhydrophobic coatings and its applications**



DAY 6:
08-08-20
2PM-3PM

Dr. Subhankar Das

Asst. Prof. Department of Mech. Engg,
Siddhartha Institute of Engg and Tech.
Title: **Application of nanofiller in hybrid laminated composites**



DAY 6:
08-08-20
3PM-4PM

Dr. Tejendra Kumar Gupta

Assistant Professor,
Amity Institute of Applied Sciences (AIAS), Amity University, Noida
Campus, Noida, India.
Title: **Polymer nanocomposites based piezoresistive strain sensor for structural health monitoring**