

**TEQIP - III Sponsored
One Week Short Term Course**

on

**COMPOSITE MATERIALS:
OVERVIEW, CHARACTERIZATION
AND APPLICATIONS
(CMOCA-2018)**

[July 16-20, 2018]

Coordinators

**Dr. R. K. Patel
Dr. Vandana Agrawal
Dr. M. K. Gupta**



Organized by:

Department of Mechanical Engineering
*Motilal Nehru National Institute of
Technology Allahabad,
Allahabad - 211004*



Organizing Committee:

Patron: Prof. Rajeev Tripathi
Director, MNNIT Allahabad
Chair Person: Prof. A. D. Bhatt
Head, MED, MNNIT Allahabad
Coordinators: Dr. R. K. Patel, Dr. Vandana
Agrawal, & Dr. M. K. Gupta

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Dr. Vandana Agrawal, MED, MNNIT Allahabad
Dr. R. K. Patel, MED, MNNIT Allahabad
Dr. M. K. Gupta, MED, MNNIT Allahabad

For

**Students (UG/PG/Ph.D.), faculty members of
Science/Engineering, Industry personnel and
Scientists.**

Important dates:

Receipts of application/payment: 10.07.2018
Intimation about selection: 15.07.2018

Registration form

**COMPOSITE MATERIALS: OVERVIEW,
CHARACTERIZATION AND
APPLICATIONS (CMOCA-2018)**

[July 16-20, 2018]

Name:

Designation:

Department:

Institute:

Address:

Email:

Phone No:

Mobile Nos:

Qualification:

Area of specialization:

Prior exposure to composites:

Payment Details:

Amount in Rs.....

Transaction ID (in case of online transfer).....

Date of Transaction.....

(Please enclose transaction slip)

Sponsored by.....

Name.....

Designation.....

Organization.....

Signature of applicant

Recommendation

(Signature of Head of the Institution/
Head of the Department with seal)

About the Institute

Motilal Nehru National Institute of Technology Allahabad is committed to quality and excellence in academic pursuits. It was established as Motilal Nehru Regional Engineering College (MNREC) in the year 1961 as a joint enterprise of the Government of India and the Government of Uttar Pradesh. MNREC was transformed into National Institute of Technology fully funded by MHRD in the year 2002. The institute offers B.Tech, M.Tech., Ph.D., M.C.A., M.Sc., M.B.A. and M.S.W. degrees in various disciplines of Engineering, Sciences, Management and Humanities.

About the Department

The Department of Mechanical Engineering is one of the oldest (started in 1961) and the largest department in terms of faculty, students and activities at MNNIT Allahabad. The department offers B.Tech, M.Tech. and Ph.D. programs with a wide choice of specializations, electives and research areas. The department is running five M.Tech programs with specializations in -

- Computer Aided Design and Manufacturing
- Design Engineering
- Production Engineering
- Product Design and Development
- Thermal Engineering.

The department of Mechanical Engineering was the first to start Ph.D. program at MNREC as early as 1970. More than 90 PhDs have been awarded from this department till date and another more than 80 are currently ongoing.

About Allahabad

Allahabad city is situated on the confluence of the three pious rivers namely Ganga, Yamuna and the mythological Saraswati. The city is well connected with rail, road and air. It is situated on Delhi-Howrah rail link and NH-2. Local transport is available in the form of taxis, city buses and auto - rickshaws.

Objective

Over the recent decades, instead of traditional materials the applications of composite materials are continuously increasing in the automobile, aerospace, construction, marine, medical and military sectors. This

is due to their advantages such as high strength-weight ratio, high stiffness and cost effectiveness. The objective of this one week course is to create awareness amongst the faculty members, research scholars, students and industry personnel about the recent development in the area of composites. The participants will be able to clear their doubts and possibly gain a new topic for their research. The lectures will be delivered by distinguished experts of their field. The short term course will include lectures, lab visits, conduct of experiments and Allahabad tour.

Short term course topics:

- Basics, Mechanics, Processing, Characterization and applications of composites.
- Overview and advances in Nano composites, Bio composites and Bio materials.
- Finite Element Analysis and Optimization Techniques in composites.
- Hands on experiments on fabrication, testing and characterization of composites.

Faculty

Experts in the area of composites will be invited from MNNIT Allahabad primarily, as well as IITs, other NITs, industries and other reputed institutions.

Number of seats: 40

Accommodation: The participants may be provided accommodation in the institute guest house and/or hostels on twin sharing basis, depending on the availability and on a nominal payment basis as per actual. Accommodation can also be booked in nearby hotels directly or through prior information to organizers.

Registration Fee:

Students (UG/PG/Ph.D.):	Rs. 1500
Faculty from Science/Engineering:	Rs. 2500
Industry persons/Scientists:	Rs. 3000

Registration fees includes: Program kit, lunch, tea and local visits.

Mode of payment:

Participants can make payment by depositing the registration fee online in Account No. 718400301000319 (Current Account, CMOCA-2018) of Vijaya Bank MNNIT Allahabad (Branch Code: 007184; MICR Code: 211029004; IFSC Code: VIJB0007184).

Spot payment is also admissible but only after prior approval from the organizers.

Address for correspondence:

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