

ABOUT FACULTY DEVELOPMENT PROGRAMME

The objective of the programme is to up-grade the knowledge and skill of teachers employed in various disciplines of science with a special focus on material science, as it is the core of all engineering and science subjects. The FDP will cover common areas of interest to cater the need of faculty members across various disciplines. The academia, researchers and experts from industries will address topics related to the use of SEM, TEM., XRD, XPS, FTIR, UV-vis-nir, Raman, Optical Microscopes and DSC etc. and explore their findings on novel functional properties of materials. Deliberations on computational methods as molecular simulations, density functional theory and other emerging techniques will help faculty members to solve real problems in their respective fields. The FDP will focus on experimental, theoretical and simulation methods currently being widely used by leading scientists of the world. Many fold advancement in new experimental tools and technique is leading to exponential growth in various field of science. Computational techniques offer newer way of investigating a research problem and are capable of accurate and precise explanation for physical phenomena. These methods and technique give molecular scale insights, and can help one to predict new microscopic events. The amalgam of academia, scientists and researchers from central universities, NIITs & IITs and research organizations/ industries will give an opportunity to interact with them. **NOTE: Outside faculties will be entitled for reimbursement of second sleeper class train fare via shortest root.**



Patron

Prof. J. P. Pandey

Hon'ble Vice Chancellor

MMM University of Technology, Gorakhpur

Chairman

Prof. D. K. Dwivedi

Head, Department of Physics & Material Science

MMM University of Technology, Gorakhpur

Convener

Dr. Satya Pal Singh

Assistant Professor

Department of Physics & Material Science

MMM University of Technology, Gorakhpur

Executive Members

Prof. B. K. Pandey

Member

Dr. A. K. Gupta

Member

Dr. Prashant K Srivastav

Guest Member

Dr. Pradutt K Bharti

Guest Member

Student Members

1. Ms. Archana Singh

6. Suraj Vishwakarma

2. Sachin Singh

7. Ms. Surabhi Sharma

3. Mayank Srivastav

8. Rajnish Singh

4. Surabhi Agrawal

5. Shweta Agrahari



One Week

Faculty Development Programme (FDP)

On

RECENT ADVANCES IN EXPERIMENTAL TOOLS & THEORETICAL TECHNIQUES

RAETTT-2022

10 NOV. –16 NOV. 2022

Sponsored

By

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE-INDIA)

Organized

by

DEPARTMENT OF PHYSICS

&

MATERIAL SCIENCE

Madan Mohan Malaviya University of Technology, Gorakhpur, Uttar Pradesh-273010
(NAAC A-Grade State University)

Contact:

Dr. Satya Pal Singh (Convener)

Prof. D. K. Dwivedi (Head & Chairman)

Email: raettt.2022@gmail.com

* All correspondences should be made using above email id.

Submission of Registration Form

Interested participants must submit their duly filled and signed form on given format to the following address:

Dr. Satya Pal Singh (Convener)
RAETTT-2022
AS-205, Department of Physics & Material Science
MMM University of Technology
Gorakhpur
Uttar Pradesh
India-273010
Email: raettt.2022@gmail.com

* A dully filled and signed scanned copy with registration fee details can also be sent to email given for correspondence.

Important Dates & Registration Fees

Submission of Registration form : **Oct. 31, 2022**
Notification of Detailed Schedule : **Nov. 08 , 2022**

Registration Type	Registration Fees (Rs.)*
Faculty Members	500
Research Scholars**	500
Participants from Industries	1000

**A limited number of research scholars will be allowed to attend the workshop

Mode of Payment

The payment for the registration fees can be made in the form of demand draft drawn in favour of "MMM University of Technology" payable at Gorakhpur or via Net Banking through detail given below

A/C No. : 33542824744
Bank Name : State Bank of India
Branch Name : MMMEC Gorakhpur
IFSC code : SBIN0002578
Branch Code : 2578

Accommodation

Limited accommodation is available in university Hostel. However accommodation in the University Guest House /city hotel is available on payment basis. The charges of occupancy shall be born by the participant.

ABOUT UNIVERSITY

Madan Mohan Malaviya University of Technology, Gorakhpur has been established in year 2013 by the Government of Uttar Pradesh in the form of a non-affiliating, teaching and research University after reconstituting the Madan Mohan Malaviya Engineering College, Gorakhpur. MMM Engineering college was established in the year 1962. Fifty-Four batches of students have entered its portals to emerge after four years of rigorous education under the tutelage of some of the most venerable teachers, engineers ready to face the world and create new worlds. The University is located in the Gorakhpur -Deoria road about 9 Km away from Gorakhpur Railway Station. In addition to UG in Civil Engineering, Chemical Engineering, Computer Science & Engineering, Mechanical Engineering, Electrical Engineering and Electronics & Communication Engineering, Information Technology, University also offers MCA, BBA, MBA, M. Tech, M.Sc. and Ph.D. courses in various specializations.

ABOUT DEPARTMENT

The Department of Physics and Material Science was established on 22nd June, 2019. Which has been inaugurated by Shri Yogi Adityanath Ji Maharaj, Hon'ble Chief Minister of Uttar Pradesh. Previously, it has been the constituent part of Department of Applied Sciences. The erstwhile Madan Mohan Malaviya Engineering College, Gorakhpur, which was started in 1962, by the then Government of Uttar Pradesh to foster technical education, has been upgraded as Madan Mohan Malaviya University of Technology, Gorakhpur on 1st Dec. 2013 by the UP-Government Act (22). The department of Physics and Material Science has been founded for imparting high quality education through the programs; B. Tech in Chemical Engineering, Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Communication Engineering, Information Technology, Mechanical Engineering and M.Sc. in Physics with specialization in electronics.

The main objective of the department is to disseminate knowledge in the area of Physics and Material Science, in order to promote the implementation of practical aspects related to it and to build a solid foundation of physics for science and engineering graduates. The department offers Ph. D. degree in Physics, with an objective to produce trained and skilled human resources; who can take the challenges to cater the need of the society. The research is focused to thrust areas as: Con-densed Matter Physics, Solar Energy Physics, Thin Films, Opto-electronic Materials and Devices, Fiber Optic Sensors, Solar Cell, Energy Storage, Applications of Nanomaterial, Micro & Nano-fluids, Molecular Simulation etc.

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REGISTRATION FORM

Full Name & Designation :

Organization :

:

Field of Specialization :

Official Address :

Email :

Mobile :

Educational Qualification :

Accommodation Required in University Hostel:.....

Registration Categories: Academic/ Industry

Registration fee: Rs.

Details of Payment : D.D./ Online Transaction ID No. .
.....

Bank Name:.....

DatedAmount

(Demand Draft drawn in favour of "MMM University of Technology" payable at Gorakhpur or via Net Banking)

Signature:

NOTE: Outside faculties will be entitled for reimbursement of second sleeper class train fare via shortest root.

TENTATIVE SCHEDULE DAY-1 to DAY-7 RAETTT-2022, PMSD, MMMUT, GKP				
S No	Date/Day	Lecture No.	Time	Remarks
1.	10 Nov. 2022 Day-1 THURSDAY	Registration	9.00 am-10.00 am	
		Inauguration Ceremony	10.00 am- 11.00 am	
		High Tea	11.00 am- 11.30 am	
		Keynote Address	11.30 am- 12.45 pm	
		Lecture-1		
		Lunch Break	12.45 pm- 02.00 pm	
		Lecture-2	02.00 pm- 3.15 pm	
		Tea Break	03.15 pm- 03.30 pm	
	Lecture-3	03.30 pm- 04.45 pm		
2.	11 Nov. 2022 Day-2 FRIDAY	Lecture-4	10.00 am- 11.15 am	
		Tea Break	11.15 am- 11.45 am	
		Lecture-5	11.45 am- 01.00 pm	
		Lunch Break	01.00 pm- 02.45 pm	
		Lecture-6	02.45 pm- 04.00 pm	
3.	12 Nov. 2022 Day-3 SATURDAY	Lecture-7	10.00 am- 11.15 pm	
		Tea Break	11.15 am- 11.45 pm	
		Lecture-8	11.45 am- 01.00 pm	
		Lunch Break	01.00 pm- 02.45 pm	
		Interactive Session	02.45 pm- 04.00 pm	
4.	13 Nov. 2022 Day-4 SUNDAY	*****BREAK***** CITY VISIT/ SIGHT SEEING		
5.	14 Nov. 2022 Day-5 MONDAY	Lecture-9	10.00 am- 11.15 pm	
		Tea Break	11.15 am- 11.45 pm	
		Lecture-10	11.45 am- 01.00 pm	
		Lunch Break	01.00 pm- 02.45 pm	
		Lecture-11	02.45 pm- 04.00 pm	
6.	15 Nov. 2022 Day-6 TUESDAY	Lecture-12	10.00 am- 11.15 pm	
		Tea Break	11.15 am- 11.45 am	
		Lecture-13	11.45 am- 01.00 pm	
		Lunch Break	01.00 pm- 02.45 pm	
		FEEDBACK SESSION/QUIZ	02.45 pm- 04.30pm	
7.	16 Nov. 2022 Day-7 WEDNESDAY	Lecture-14	10.00 am- 11.30 pm	
		High Tea	11.30 am- 12.00 noon	
		VALEDICTORY SESSION/CERTIFICATE DISTRIBUTION 12.00 noon - 01.00 pm		