

Registration Link

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List of Experts/Speakers

1. Prof. Rajendra Kumar Singh, Physics, BHU, Varanasi
2. Prof. S. A. Hashmi, Physics, DU, New Delhi
3. Prof. Ashish Garg, Department of Material Science & Engineering, IIT Kanpur
4. Prof. Hemant Kashyap, Chemistry, IIT Delhi
5. Prof. M. L. Verma, SSTC, CG
6. Prof. Arjun Dubey, HMSD, MMMUT
7. Prof. D. K. Dwivedi, PMSD, MMMUT
8. Prof. B. K. Pandey, PMSD, MMMUT
9. Dr. Manoj Gupta, CSIR- Scientist, CSIR-AMPRI, Bhopal, India.
10. Dr. S. N. Singh, HMSD, MMMUT
11. Dr. Abhijit Mishra, HMSD, MMMUT
12. Dr. A. K. Gupta, PMSD, MMMUT

COURSE CONTENTS

- ❖ Recent Advanced Materials and Their Application
- ❖ Energy Harvesting/Storage Materials
- ❖ Materials for Technical and Social Application
- ❖ Materials Characterization Techniques
- ❖ Recent Research Trends and Practice
- ❖ Sustainable Technology and Application
- ❖ Research Ethics

ADDRESS FOR CORRESPONDENCE

Dr. Abhishek Kumar Gupta,

Assistant Professor Department of
Physics and Material Science Madan
Mohan Malaviya University of
Technology, Gorakhpur (U.P.)
Tel: +91-8765783678

E-mail: pmsdfdp@gmail.com

Note: Advance copy of application can be emailed to above email for immediate action

METHODOLOGY

The one-week programme will be judiciously utilized by integrating theory classes, practicals presentations, virtual lab visits, audio-visual presentations and educational video films. To make the programme participatory, group discussions and project formulations exercises will also be done. Besides the institute faculty, experts will be invited from research and development organizations, science and technology departments, working on Materials and their Application to meet the most recent challenge.

WHO SHOULD ATTEND

Faculty members/Research Scholars/PG Scholars of Physics, Chemistry and Material and Environmental Science Disciplines working in an AICTE approved college/institute/University can participate in this programme.

[Note: Seats are limited, please get your participation confirmed in advance].

LAST DATE

Last date of receiving applications for participation in this Faculty Development Programme is 19/09/2020. Selected Participants will be informed by E-mail on 20/09/2020.

MODE OF CONDUCT

Online Mode

RESOURCE PERSONS

Experienced and Recognized Experts from Central Government Research Laboratories, Institutes, University, IITs, NITs, MMMUT and Experts from Industries.

Organizing committee

All Faculty members and Research Scholars, PMSD, MMMUT

TEQIP-III SPONSORED

One Week Faculty Development Programme on

Recent Advances in Material Science and Research Ethics

at

M.M.M. University of Technology, Gorakhpur (U.P.)

21 to 25 September 2020

Name: _____

Age: _____ Sex: Male Female

Qualification: _____

Designation: _____

Experience (Teaching/Industrial/Others): Institution: _____

Address: _____

Phone No. with STD Code E-Mail :

Whether Accommodation Needed: Yes No

Signature of the Applicant

Recommendation of the Principal/Head of the Institute (Signature with seal)

[Last Date of Submission of Application is 19th September, 2020]

PATRON

Prof. J. P. Pandey
Hon'ble Vice Chancellor
M.M.M.U.T., Gorakhpur (U.P.)

CONVENER

Prof. B. K. Pandey
Head, PMSD
M.M.M.U.T., Gorakhpur (U.P.)

ORGANIZING SECRETARY- cum-COORDINATOR

Dr. Abhishek Kumar Gupta
Assistant Professor, PMSD
M.M.M.U.T., Gorakhpur (U.P.)



MMMUT Gorakhpur

ABOUT MMMUT, Gorakhpur

Madan Mohan Malaviya University of Technology, Gorakhpur has been established in year 2013 by Government of Uttar Pradesh in the form of a Non-Affiliating Technical University after reconstituting the Madan Mohan Malaviya Engineering College, Gorakhpur which was established in 1962. Fifty-five batches of students have entered its portals to emerge after 4 years of rigorous education under the tutelage of some of the most venerable teachers, engineers ready to face the world and create new world. In addition to UG and PG programs in Electronics and Communication Engineering, Computer Science & Engineering, Civil Engineering, Mechanical Engineering, Electrical Engineering and Chemical Engineering, University also offers MCA, MBA and Ph.D. courses in various specializations.

About Physics and Material Science 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.

The Department is also committed, to promote teaching and research, in thrust and emerging areas of Physics. It encourages for academic interaction of students and faculty members for collaboration at national and international levels. Department has started M.Sc. program in Physics with specialization in electronics from the session 2018-19. The Department has well equipped laboratories for under graduate, post graduate as well as Ph.D. students. Well-educated, talented and dedicated faculty members are consistently engaged to meet the objective of the department.

DEPARTMENTAL ACTIVITIES DURING THE SESSION 2019-20

- TEQIP Sponsored short term course on "Research Methodology and Statistics during 24-30 October, 2018.
- TEQIP Sponsored two days National Conference on "Smart Materials, Devices and Sustainable Technologies" during 15-16 March-2019.
- TEQIP Sponsored two days National Conference on "Recent Advances in Chemical Sciences" 29th -30th March-2019.
- TEQIP sponsored two days National Conference on "Recent Advances in Mathematics and Scientific Computing" during 5-6 April, 2019.
- One Research Scholars have been awarded Ph.D. degree during 2018-19
- Department have coordinated Induction program for newly admitted students (IPNS- 18).
- Four books have been published from international publishers and one is in press.
- More than 70 research papers are published in the journals and conferences of national and international repute.

TEQIP-III SPONSORED

FACULTY DEVELOPMENT PROGRAMME

On

Recent Advances in Materials Science and Research Ethics

21-25 September 2020

**Organizing Secretary-cum-
Coordinator**

Dr. Abhishek Kumar Gupta
Physics & Material Science Department

ORGANISED BY



**Department of Physics and
Material Science
Madan Mohan Malaviya
University of Technology
Gorakhpur**