Online Workshop
On
Synthesis, Characterization and Performance of Advanced Materials (SCPAM - 2021)
10th – 14th May, 2021

REGISTRATION FORM

Name: ____________________________________________

Designation: ______________________________________

Name of Institution: _______________________________

Qualification: ______________________________________

Contact Address and WhatsApp mobile no.: ________________________________

Email ID: _________________________________________

Fees Detail:

DD No./Transaction No: _____________
Date: _____________
Name of Bank: ________________________________

HOW TO REGISTER:

➢ For online registration: Fill the form and send the scan copy of the same with the proof of payment (Online payment receipt) on coordinator email ID dpandey.iitk@gmail.com

➢ For Online transaction
Account name: Director MANIT, Account No. 10020150107, IFSC SBIN0001608.

➢ For Offline registration: Duly filled Registration form along with demand draft of required amount in favour of “Director, MANIT, Bhopal” should reach to the Workshop coordinator on or before 30th April 2021.

KEY NOTES:

➢ Workshop will be conducted in the online mode.
➢ E-Certificate will be provided after completion of course.
➢ Workshop is open to faculty members, research scholars and students of Chemical, MSME, Mechanical, Civil, Electrical and other branches of engineering and Science, industrial participants.
➢ Seats are limited to 100 participants only

ORGANIZING COMMITTEE:

Patron: Dr. N. S. Raghuwanshi, Director
Chairperson: Dr. N. P. Patidar, Head of Department of Chemical Engineering
Coordinators:
Dr. Sundar Lal Pal, Assistant Professor
Dr. Dharmendra Pandey, Assistant Professor
Dr. Jay Mant Jha, Assistant Professor

Organized By
Department of Chemical Engineering
Maulana Azad National Institute of Technology
Bhopal – 462 003 (M. P.)
INTRODUCTION:
Chemical Engineering is a broad discipline dealing with processes (industrial and natural) involving the transformation (chemical, biological, or physical) of matter or energy into forms useful for mankind, economically and without compromising environment, safety, or finite resources.

Since energy is one of the key ingredients of improving life styles of peoples, its consumption will dramatically accelerate and increase due to industrial, economic and social development. The optimal use of energy resources and their efficient deployment will require that our environment is preserved. Therefore environmental concerns are to be integrated with the energy resource planning and policy formations. The workshop covers an overview of hazardous waste scenario and energy management—Global and Indian, legislative and regulatory trends and impact, characterization and identification of hazardous wastes, authorization procedures, fate and transport of hazardous contaminants, reprocessing and recycling of hazardous waste, evaluation of risks and other recent developments in handling and processing of hazardous waste. This workshop provides a common platform to discuss advanced research activities carried out in chemical engineering and related areas.

Workshop OUTCOMES:
After successful completion of this workshop participants will be able to:
WO1: Explain the Characteristics of Novel Materials
WO2: Apply the Advanced techniques to Characterize the novel materials.
WO3: Interpretation of experimental data observed from XRD, SEM & EDX etc.
WO4: Analyze the mechanical strength of materials.

REGISTRATION FEES:

<table>
<thead>
<tr>
<th>Participants</th>
<th>Amount Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry</td>
<td>500</td>
</tr>
<tr>
<td>Faculty Members</td>
<td>500</td>
</tr>
<tr>
<td>Research Scholars</td>
<td>500</td>
</tr>
<tr>
<td>Under Graduate Students</td>
<td>500</td>
</tr>
</tbody>
</table>

Address for Correspondence

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Mobile No.: 9451019860

Dr. Jay Mant Jha  
Assistant Professor  
Email: 04ch20@gmail.com  
Mobile No.: 9475177282

Please note, the above contact information is subject to change and should be confirmed with the institute.

ABOUT THE INSTITUTE:
Maulana Azad National Institute of Technology (MANIT), an Institute of National Importance, is formerly known as Maulana Azad College of Technology (MACT).
Institute is named after the great scholar and 1st Education Minister of Govt. of India, Maulana Abul Kalam Azad. The Govt. of India and Govt. of Madhya Pradesh jointly sponsored the Institute in 1960 to attract bright young engineering students across the country. Institute is successfully producing highest quality skilled manpower to cope up with challenges of modern technological advances with more than 200 faculties and 5500 students. The Institute offers 09 UG and 30 PG courses and also Ph. D. research programmes.

ABOUT BHOPAL:
Bhopal is the capital of Madhya Pradesh and is known as city of Lakes and Hills. It is well connected to all parts of the country by road, rail and air. MANIT is about 10 km from Bhopal city railway station. Weather in Bhopal is normally pleasant.

ABOUT DEPARTMENT:
Department of Chemical Engineering offers B. Tech., M. Tech. And PhD course in chemical engineering. It has well established laboratories at research and Undergraduate levels.