

**Five Days
Short-Term Training Program
on
“Chemistry to Lead Life:
Since & Then”
(1-5 February, 2021)**



Organized by

**Department of Chemistry
National Institute of Technology, Manipur
Langol, Pin-795004, Manipur, India**

Organizing Committee

Patron:

Prof. Goutam Sutradhar
Director, NIT Manipur, Imphal

Convenors:

Dr. Chandi Charan Malakar
Assistant Professor (Department of Chemistry)

Dr. Mithun Roy
Assistant Professor (Department of Chemistry)

Dr. Th. David Singh
Associate Professor (Department of Chemistry)

Contact Us

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About NIT Manipur

National Institute of Technology Manipur, a centrally funded institution is set up to impart quality technical education at various levels of higher learning. It is one of the ten new NITs established and developed as Institute of National Importance by an act of Parliament. NIT Manipur started its first session with the three branches of Engineering-Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science Engineering. The functioning of the institute was started at its temporary Campus at Takyelpat, Imphal under the mentorship of NIT, Agartala. The Institute has acquired 138.2 hectares of land in the lush green areas of Langol, Imphal and started its functioning at its permanent campus since 2014. This Institute now has all five branches of Engineering viz CSE, EEE, ECE, Civil, Mechanical and Basic Sciences and Humanities Department and open courses on B. Tech., M. Tech., M. Sc. and Ph. D.

Objective of the Program

The workshop aims at bringing the information regarding necessity of the up-to-date information on:

- (i) Enhancing the quality of institution for the benefit of its students, teaching and technical staff.
- (ii) Improving the knowledge through Skill Development & Improved Communication Tactics for the development of students, faculties, academicians and entrepreneurs.
- (iii) Leveraging the quality of pedagogy and taking up concepts like Research & Development, Innovation & Startup, and Research Guidance etc.

Theme of the Event

The workshop focuses on following topics:
Organic Synthesis, Main group chemistry, Theoretical Inorganic Chemistry, Coordination Chemistry, Organometallic Chemistry and catalysis, Inorganic Reactions, Bioinorganic and medicinal inorganic chemistry, Environmental Inorganic Chemistry, Physical Methods in Inorganic Chemistry

Overview of the Program

This workshop is featuring several lectures, focusing on the recent advances and new trends in inorganic and organic chemistry as well as interdisciplinary studies at the interfaces between inorganic/organic chemistry and other subjects like nano technology, materials science, catalysis and biochemistry *etc.* The workshop is designed to provide a learning and incubation platform to the young researchers.

Targeted Audience

12th standard, UG & PG Students, PhD Scholars, Faculties, Engineers and Researchers from Academia, R&D Laboratories or Industries.

Registration Fees

Applicable for the participants from other institutions

Participants from Industry/ Research Organizations: Rs. 2000 /-
Participants from Academic Institutions:
12th Standard, UG / PG Students: Rs. 500 /-
Ph.D / Postdoc Scholars: Rs. 1000 /-
Faculty Members & others: Rs. 2000 /-

Teaching Faculties

- (1) Dr. Chandi C. Malakar (Department of Chemistry, NIT Manipur).
- (2) Dr. Mithun Roy (Department of Chemistry, NIT Manipur).
- (3) Dr. Th. David Singh (Department of Chemistry, NIT Manipur).

Dr. Chandi C. Malakar completed his Master's Degree in Chemistry at Indian Institute of Technology Kanpur (2006).



Then, obtained the Ph.D degree in 2011 from University of Hohenheim Stuttgart, Germany under the guidance of Professor Uwe Beifuss. After successive postdoctoral studies with Prof. K. A. Tehrani at University of Antwerp (2011-2012), Prof. Günter Helmchen at Ruprecht-Karls-Universität Heidelberg (2012-2014), Prof. P. S. Mukherjee at Indian Institute of Science, Bangalore (2015) and industrial experience (2014-2015) as Senior Principal Scientist at SignalChem LifeSciences Pvt. Ltd., he started his career at National Institute of Technology Jalandhar as an Assistant Professor (on contract) in July 2015. Then, Dr. Malakar moved to National Institute of Technology Manipur in October 2015 and currently working as Assistant Professor. He has published more than 55 research articles in peer-reviewed international journals. His current research interests are C-H activation, Enantioselective synthesis, transition-metal catalysis, organocatalysis, domino reactions, and multi-component reaction.

Dr. Mithun Roy received Master's degree in Chemistry from the University of North Bengal, September 2003. Then, he



completed (2009) the Ph.D degree from the department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore in the area of Bioinorganic Chemistry. He worked as Postdoctoral Research Associate (2010-2014) at Indian Institute of Science, Bangalore, Ruprecht-Karls-Universität Heidelberg, Heidelberg, Germany, University of Colorado, Boulder (USA) in metal-based photo-chemotherapy, DNA-templated chemical reactions and the chemical synthesis of long DNA. Then, Dr. Roy moved to National Institute of Technology Manipur in October 2014 and currently working as Assistant Professor. His area of research involves photo-chemotherapeutic application of transition metal complexes, medicinal and electro-chemical application of nanoparticles, theoretical inorganic photochemistry and DNA based asymmetric catalysis.

Dr. Th. David Singh received Master's degree in Chemistry from Manipur University. Then, he completed the Ph.D degree from the department of Chemistry, Nagaland University. Afterwards, he worked as Postdoctoral Research Associate at Manipur University and as lecturer at NIT Manipur. Then, in 2013 Dr. Singh has joined as Assistant Professor at National Institute of Technology Manipur and currently working as Associate Professor. His area of research involves material chemistry and chemistry of nanoparticles. He has published more than 35 research articles in peer-reviewed national and international journals.



REGISTRATION FORM

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Department of Chemistry
National Institute of Technology, Manipur
Langol, Pin-795004, Manipur, India

Name: (in capital letters as desired in certificate)

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Sex: Male/Female

Date of Birth (dd/mm/yyyy) /..... /.....

Designation and Affiliation:

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Qualification:

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Address for Correspondence:

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.....
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Mobile: Fax:
Email:

Details of the Bank Account:

Name: Director NIT Manipur IRG

Acc. No. 60330100000143

Bank and Branch: Bank of Baroda, NIT Manipur Campus

IFSC code: BARB0NITMAN

Date:

Signature of the participant:

IMPORTANT DATES

Last Date of Registration

January 25, 2021