



The Director and Staff of the
Indian Institute of Geomagnetism
cordially invites you to the

55th Annual Day Function

Prof. Lakshmi Kantam Mannepalli

DR. B. P. Godrej Distinguished Professor
Institute of Chemical Technology, Mumbai

Chief Guest & "Dr. Nanabhoy Moos Memorial Lecture" Speaker

Dr. S. P. Dobhal

Director
Institute of Technology Management (ITM), Mussoorie, Uttarakhand

Guest of Honor

have kindly consented to deliver the Foundation Day Lectures 2026

Venue

Dr. B. P. Singh Auditorium
Indian Institute of Geomagnetism
New Panvel, Navi Mumbai – 410 218

Date : Wednesday, April 1, 2026

Time : 10:00 hrs. onwards

RSVP

022-2748 4135

email: nilima.g@iigm.res.in

Programme

1000 hrs : Welcome : **Director, IIG**

1010 hrs : Institute's Annual : **Director, IIG**
Progress Report

1030 hrs : Dr. Nanabhoy : **Prof. Lakshmi Kantam Mannepalli**
Moos Memorial : Title: "*Design and Development of*
Lecture : *Catalysts for Sustainable Chemical*
Industry"

1130 hrs : Guest Lecture : **Dr. S. P. Dobhal**
Title: "*Volatility, Uncertainty,*
Complexity, and Ambiguity (VUCA)
in Projects"

1230 hrs : Felicitation of Guests

1235 hrs : Vote of Thanks

National Anthem

Tree Plantation

Lunch



निदेशक तथा सदस्य,
भारतीय भूचुम्बकत्व संस्थान
55वें वार्षिक दिवस समारोह
के शुभ अवसर पर सादर आमंत्रित करते हैं।

प्रो. लक्ष्मी कांतम मन्नेपल्ली

डॉ. बी.पी. गोदरेज विशिष्ट प्रोफेसर
रासायनिक प्रौद्योगिकी संस्थान, मुंबई
मुख्य अतिथि और “डॉ. नानाभोय मूस स्मृति व्याख्यान” के वक्ता

डॉ. एस.पी.डोभाल

निदेशक
प्रौद्योगिकी प्रबंधन संस्थान (आईटीएम), मसूरी, उत्तराखंड
सम्मानित अतिथि

स्थापना दिवस के अवसर पर व्याख्यान देंगे।

स्थान

डॉ. बी.पी. सिंह सभागृह
भारतीय भूचुम्बकत्व संस्थान
न्यू पनवेल, नवी मुंबई - 410 218

दिनांक: बुधवार, 1 अप्रैल, 2026
समय: सुबह 10:00 बजे से

दर्शनाभिलाषी

022-2748 4135
email: nilima.g@iigm.res.in

कार्यक्रम

- | | |
|---|--|
| 10:00 : स्वागत | : निदेशक, भा.भू.सं. |
| 10:10 : संस्थान की वार्षिक प्रगति रिपोर्ट | : निदेशक, भा.भू.सं. |
| 10:30 : डॉ. नानाभोय मूस मेमोरियल व्याख्यान | : प्रो. लक्ष्मी कांतम मन्नेपल्ली
शीर्षक: "सतत रासायनिक उद्योग के लिए उत्प्रेरकों का डिजाइन और विकास" |
| 11:30 : अतिथि व्याख्यान | : डॉ. एस. पी. डोभाल
शीर्षक: "परियोजनाओं में अस्थिरता, अनिश्चितता, जटिलता और अस्पष्टता" |
| 12:30 : अतिथियों का अभिनंदन | |
| 12:35 : धन्यवाद ज्ञापन | |
| | राष्ट्रगान |
| | वृक्षारोपण |
| | भोजन |

Terrestrial Magnetism, as we know is the most puzzling of Nature's force. One feels the keenness of his ignorance especially when he finds that while progress has been most rapid all round in other sciences, no advance of any far reaching importance has been made in this one of our oldest branches of science.

Dr. Nanabhoy Moos

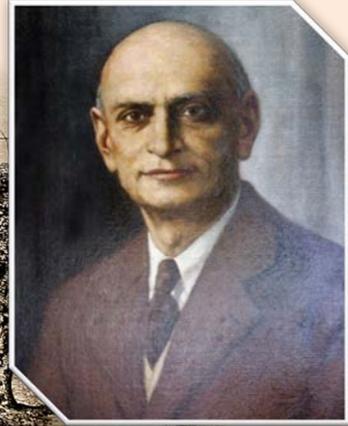
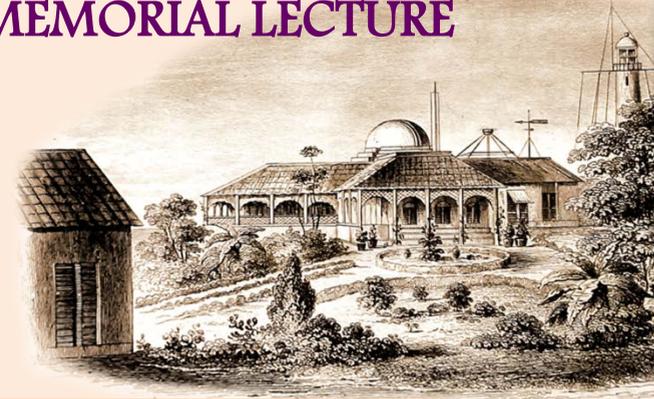
Past Speakers of

Dr. Nanabhoy Moos Memorial Lecture Series

Speaker	Title	Date
G.S. Lakhina	Geomagnetism and Modern Society	03 April 2023
Shailesh Nayak	Importance of the Earth System Science	01 April 2024
Hitesh Kumar S. Makwana	Geomagnetism and Its Role in Map-Making and Navigation	01 April 2025

4th

DR. NANABHOY MOOS MEMORIAL LECTURE



1st April 2026 Wednesday
at 10:30 hrs

Title

Design and Development of Catalysts for Sustainable Chemical Industry

Speaker

Prof. Lakshmi Kantam Mannepalli



Visit us at : www.iigm.res.in



Indian Institute of Geomagnetism

Kalamboli Highway, New Panvel (W), Navi Mumbai 410 218

Speaker : Prof. Lakshmi Kantam Mannepalli

Brief Profile



Prof. Lakshmi Kantam Mannepalli is Dr. B.P. Godrej Distinguished Professor of Green Chemistry and Sustainability Engineering at Institute of Chemical Technology, Mumbai, India. Earlier, she served as Director at CSIR-IICT, Hyderabad. She is an Adjunct Professor at RMIT University, Melbourne, Australia and Honorary Professor at The University of New Castle, Australia. She is a fellow of Indian National Science Academy, National Academy of Sciences, India.

Fellow of the world Academy of Sciences, Italy and Royal Society of Chemistry, UK. Her prizes include Goyal Award- Applied Sciences, Kurukshetra University, Kurukshetra; Indian Chemical Council (ICC) -D. M. Trivedi Life time Achievement Award; Eminent Scientist Award – Catalysis Society of India and Vasvik award. She is a member of scientific councils, DST, DRDO, GAIL, IIT, Hyderabad, CSIR, DAE. She is Non-Executive Independent Director, Godavari Biorefineries Ltd, Vinati Organics Ltd, Prasol Chemicals Ltd and NACL Industries Ltd. She has 42 years of experience in the research, design and development of catalysts for innovative green and economical processes for the chemical industry. She has authored more than 367 publications, 52 patents and five book chapters.

Abstract

Catalysis is a highly demanded technology for sustainable society and drives innovation in many other fields. Achieving the high catalytic selectivity is the goal of catalysis science in 21st century. Today over 90% of all industrial chemicals are produced with the aid of catalysts. World catalyst demand is forecast to grow to \$34.1 billion in 2026 and earlier global sales of catalysts is around 20.6 billion dollars. The catalysis of organic reactions by homogeneous and heterogeneous catalysts remains a vibrant field of scientific inquiry. It attracts a diverse group of scientists with specialties spanning synthetic organic chemistry, inorganic chemistry, surface science, material science, reaction engineering and computational modeling.

Over recent years, research has been going in the field to find alternatives to fossil fuels due to their depletion. Nowadays, most of the research is focused on synthesizing high-value-added chemicals from biomass as a renewable source for the alternative of fossil fuels. Our work on conversion of biomass to value added chemicals will be presented.

An overview of our work on the design and development of catalysts for green, and economical processes & technologies for chemical industry will be presented.



Indian Institute of Geomagnetism

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On behalf of the Staff and Students of IIG, I cordially invite you to the **4th Dr. Nanabhoy Moos Memorial Lecture** to be delivered by **Prof. Lakshmi Kantam Mannepalli** on **“Design and Development of Catalysts for Sustainable Chemical Industry”** at Indian Institute of Geomagnetism, New Panvel, Navi Mumbai on **1st April, 2026 Wednesday at 10:30 hrs in the Dr. B.P. Singh Auditorium.**

Prof. A.P. Dimri
Director, IIG