



**MAHARISHI UNIVERSITY OF  
INFORMATION TECHNOLOGY**



**International Conference  
On  
Materials Science and Spectroscopy  
(ICMSS-21)**

**September 22-24, 2021**

**Organized by  
Maharishi School of Science  
Maharishi University of Information Technology**

**Contact**

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## About the University

The Maharishi University of Information Technology (MUIT) was established under MUIT Uttar Pradesh Act No. 31 of 2001 Notification no. 573 dated 06 October, 2001. The University's Main Campus is at Sitapur Road, Lucknow, and another educational oasis located in the blissful greens of Maharishi Nagar at Noida. The University is reputed to disseminate quality education. His Holiness Maharishi Mahesh Yogi Ji was the first Chancellor of the University. MUIT has been recognized and included in the list of Universities, maintained by the UGC under section 2 (f) of the UGC Act, 1956. The University offers Diploma in Engineering, B. Tech., M. Tech., BBA, MBA, BCA, MCA, B. Com., M. Com., B. Sc., M.Sc., D. Pharm, B. Pharm, B. A.(Hons.), B.A., M. A. & Ph. D. Courses. The selected programmes are offered to the students at Lucknow Campus. To further assist the students audio-visual rooms are being setup in both the campuses so that students can listen to educational programs broadcasted through Satellite and Internet and also exploit multi-media for learning. The University has been established in the lap of nature in sprawling with well-designed internal roads, spacious lawns and Botanical Garden with a treasure of medicinal plants, far from pollution of industry yet well connected by air, rail and road.

## About the School of Science

Science is one of the important aspects of learning from the very beginning of our education. It helps us in logical thinking and understanding the world around us. It's one of those branches of learning which can help to make our life brighter and better living. It is based on research both in academic and non-academic institutions but not confined to academicians only. The University offers various programs under the School of Science. These programs are currently semester based on CBCS pattern. The programs offer a vast array of options pertaining to such subject combinations at graduate level and individual subjects at post graduate level which can be selected in line with interest and eligibility of the students. The programs syllabus includes comprehensive study of subject with basic concepts, recent advances, assignments/projects for applied knowledge, skill development and independent thinking. The programs offered are B. Sc. (PCM/PMG/PMS/CS/IT/ZBC/ZBG) M.Sc. (Botany, Chemistry, Biotechnology, Computer Science, Information Technology, Mathematics Physics, Zoology).

## About the Conference

The conference provides a platform for professionals involved in materials science specially in Nano science, Nanotechnology and Spectroscopy to exchange knowledge and gain an insight into the state of the art in the current technology, techniques and solutions in materials science and spectroscopy as they have been developed and applied in different countries. International Conference on Materials Science and Spectroscopy (ICMSS-21) aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Nanoscience, Nanotechnology and Advanced Materials. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the fields of Nanoscience, Nanotechnology and Advanced Materials.

## Call For Abstract

All the participants, for oral and poster presentations, are requested to submit an Abstract of about 350 words [including Title, Authors' names, affiliation and email address, References] through email ([icmss.muit@gmail.com](mailto:icmss.muit@gmail.com)) before **15 September, 2021**. Acceptance of the Abstracts will be intimated by **17 September, 2021** through e-mail.

## Topics to be covered

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>➤ Advances in Functional and Multifunctional Nanomaterials</li><li>➤ Hybrid Nanomaterials</li><li>➤ Composite materials</li><li>➤ Shape Memory Materials: State-of-the-art Research and Applications</li><li>➤ Advances in Multiferroic Nanomaterials and Applications</li><li>➤ Advances in Inorganic Luminescent Nanomaterials and Applications</li><li>➤ Catalytic Nanomaterials</li><li>➤ Photocatalytic Nanomaterials for Energy and Environmental Applications</li><li>➤ Energy Harvesting via Smart Nanomaterials</li><li>➤ Nanomaterials for Superconductivity</li><li>➤ Stretchable and Flexible Electronic Nanomaterials &amp; Devices</li><li>➤ Bioinspired Nanomaterials</li><li>➤ Biomimetic bioactive biomaterials – the novel materials of implantable devices •Stimuli Responsive Nanomaterials</li><li>➤ Intelligent drug delivery and release systems</li><li>➤ New Nanomaterials for sensors and actuators: Sensing the Future with New Materials</li><li>➤ Intelligent Nanomaterials for Textiles</li><li>➤ Fire Retardant Nanomaterials and surfaces •Smart Materials &amp; Nanosystems</li><li>➤ Luminescent Nanophosphors</li><li>➤ Graphene and Other Emerging 2D-layered Nanomaterials</li><li>➤ Advanced materials processing</li><li>➤ Advanced manufacturing processes</li><li>➤ Analytical chemistry</li><li>➤ Bio-materials and biomedical applications</li><li>➤ Thin Films</li></ul> | <ul style="list-style-type: none"><li>➤ Advances in Light Sciences and Technologies</li><li>➤ Laser matter interaction</li><li>➤ Lasers and Fiber communication</li><li>➤ Materials for Clean Energy and Security Applications of Lasers in Medical Sciences</li><li>➤ Advances in Laser Spectroscopy Nonlinear Optics and Spectroscopy</li><li>➤ Development of Solar cell technology</li><li>➤ Novel Nano-materials</li><li>➤ Spectroscopy of Nano-materials Crystallography and X-ray Spectroscopy Defense and Forensic Spectroscopy</li><li>➤ Optical Biomedical instrumentation</li><li>➤ Optical and IR Sensors</li><li>➤ Spectroscopy for Life Sciences</li><li>➤ Optical and IR devices and Instrumentation</li><li>➤ Laser Material Processing</li><li>➤ Vibrational Spectroscopy</li><li>➤ Space, atmospheric and environmental spectroscopy</li><li>➤ Covid-19 aspects of materials</li><li>➤ Computational chemistry</li><li>➤ Drug design and development</li><li>➤ Energy and environment</li><li>➤ Finite element analysis simulation aspects</li><li>➤ Green chemistry</li><li>➤ Green energy technology</li><li>➤ Hybrid organic/inorganic composites</li><li>➤ Mesoporous materials</li><li>➤ Polymorphism in pharmaceutical industry</li><li>➤ Polymers</li><li>➤ Packaging Materials</li><li>➤ Nano chemistry</li><li>➤ New advances in supramolecular chemistry</li><li>➤ New advances in crystal engineering</li><li>➤ Nano medicines</li></ul> |
|--|---|

## Online Conference Platform

Due to the current grave scenario of COVID-19 pandemic, this conference ICMSS-21 will be organized ONLINE. Participants will deliver their talks and join in online interactions during the conference through an online conference platform. The virtual conference program will be announced before the conference dates and the online conference platform will be available for all registered authors and listeners. All the registered participants will get a certificate.

## **Guidelines for Participants**

**Instructions for Poster Presentation:** A poster should be prepared in such a way that the delegates are able to quickly read and grasp the idea. Hence, these should be visually appealing and legible. The contents should be easily readable.

**Instructions for Oral Presentations:** Power point presentations will be made by the presenting author in a pertinent Scientific Session. Time duration for each presentation will be 10 min., followed by discussions, if any.

## **Registration**

All participants should pay registration fee then register online using Registration Link below:

[https://docs.google.com/forms/d/e/1FAIpQLSeRtkeIk-3c-LowzL84vIf9Vz4KieY-LuL9AYan0-qxgJbYLg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeRtkeIk-3c-LowzL84vIf9Vz4KieY-LuL9AYan0-qxgJbYLg/viewform?usp=sf_link)

## **Registration Fee:**

Category	Fee (Indian Delegates) INR (₹)	Fee (Foreign Delegates) USD(\$)
Faculty	<b>500</b>	<b>50</b>
Ph. D. Scholar	<b>300</b>	<b>30</b>
UG/PG Student	<b>200</b>	<b>15</b>
Industry Person	<b>1500</b>	<b>75</b>
Only participation (Without abstract) for all category	<b>100</b>	<b>10</b>

**Participants can make payment of Registration Fee by these two modes:**

### **Through Bank Transfer:**

**Name:** Maharishi University of Information Technology

**A/C Number:** 50454158162

**IFSC CODE:** IDIB000M540

**Bank Name:** INDIAN BANK

**Branch:** Maharishi Vidya Mandir, IIM Road, Lucknow

**OR**

**Through UPI ID:** lkomuit@allbank

**Last date of registration with the registration fees: 20 September, 2021**

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