



**1<sup>st</sup> International Conference on**

**“Materials Science and Mathematics for Advanced  
Technology (MSMAT 2021)”**

**(Under the Aegis of ICETE 2021 – A multi conference  
virtual platform)**

**November 19<sup>th</sup> – 20<sup>th</sup>, 2021**

Organized by

**Basic Sciences Department**



(An Autonomous Institution affiliated to VTU, Belagavi)  
NITTE - 574 110, Karkala Taluk, Udupi District, Karnataka, India  
ISO 9001:2015 Certified, Accredited by NAAC with 'A' Grade

Phone: 08258-281264; Fax: 08258-281265

Website: <http://www.icete-nitte.in/>

<http://www.msmat2021.in>

## About NMAM Institute of Technology

Nitte Mahalinga Adyanthaya Memorial Institute of Technology (NMAMIT), affiliated to VTU, Belagavi, is an autonomous Institution offering UG, PG and Doctoral programmes. It is a unit of Nitte Education Trust, Mangalore. It currently offers 9 UG programmes in Engineering, 8 PG programmes, MBA and MCA programmes. All the UG programmes are accredited by NBA, New Delhi. The Institute is ISO 9001:2015 certified and also accredited by NAAC, New Delhi with A grade. The institute is ranked 133<sup>rd</sup> in the NIRF ranking (Engg. Institutes)-2020, Govt. of India. Atal incubation centre supported by NITI AAYOG, Government of India is situated in the campus.

## About the Basic Sciences Department

The Basic Sciences Department includes the Department of Chemistry, Department of Mathematics and Department of Physics. All the three Departments have been playing a profound role in providing a strong basic foundation for engineering students. The Departments are recognized as Research Centres under VTU. The Department of Chemistry is actively involved in research in the areas like Synthetic Organic Chemistry, Green Chemistry, Nanocoatings, Corrosion Science and Polymer Composites. Till date, more than 90 research articles have been published by the Department in journals of national and international repute. Presently, 7 students are pursuing their PhD in the Research Centre. With more than 40 research articles published in reputed journals, the Department of Mathematics has 5 research scholars pursuing their PhD. The research is mainly focused on Graph Theory, Lattice Theory, Group Theory, Algebra, Fluid Dynamics and Tribology. The Department of Physics has more than 70 research articles to its credit in research areas such as Condensed Matter Physics, Laser and Photonics, Quantum Field Theory, Ion trapping and Atomic Physics.

## Objective of the E-Conference

NMAMIT is organizing International Conference on Emerging Trends in Engineering (ICETE 2021) on November 19 & 20 2021, which is the 11th International Conference since 2011. For the year 2021, in order to focus on the specific issues associated with various Engineering disciplines, the idea of a Multi Conference Platform in a virtual mode has been proposed.

The E-conference MSMAMT-2021 is jointly organized by the Department of Chemistry, Mathematics and Physics, under the Basic Science stream. The main scope of MSMAT-2021 is to offer diverse sessions on the on-going developments and applications of materials science and mathematics in designing modern technology. The E-conference, empowered by eminent speakers and researchers across the globe, will provide an opportunity for knowledge sharing and discussions on budding technological concepts with frontrunners in the respective fields. The deliberations include online keynote addresses and invited talks by scientists around the world and oral presentations by researchers and faculty.

### Keynote Speakers

Eminent researchers, academicians and industrialists will be delivering online keynote address on topics pertaining to the major themes of the conference. The list of keynote speakers and related details will be updated in the website.

### Conference location

In the prevailing pandemic situation, to promote academic learning and growth, MSMAT 2021 will be conducted in a virtual mode.

### Theme of the Conference and Thrust Areas

MSMAT-2021 will attract researchers and academicians in the field of basic sciences and engineering with a basic theme of co-relating applied research with technology. The conference includes but not limited to the following thrust areas:

Surface, Interfaces and Thin Films	Ultrafast Optics and Non Linear Optics
Electrical and Magnetic Materials	Crystal Growth
Optoelectronics and Photonics	Polymer Science and Technology
Catalytic materials and Green Chemistry	Biomaterials
Advanced Energy Materials	Applied Mathematics
Computational Materials Science	Probability Theory/Statistics
Advances in Nanomaterials Science	Algebra and Matrix Analysis
Metallurgy and Corrosion	Mathematical Modeling and Graph Theory

## Call for papers

The technical committee warmly invites ~~abstract~~ of original research papers to the conference from academic/industry professionals, R&D organizations & departments and researcher scholars across the globe. The manuscript should contribute original research ideas, analysis & findings which is related to the conference theme. The manuscript should not have been published/under review in any journals or conference proceedings or magazines.

## Important dates

<b>Submission of Full-length manuscript – Open</b>	<b>: 30/04/2021</b>
<b>Last date to Submit Full-length manuscript</b>	<b>: 10/09/2021</b>
<b>Notification of acceptance</b>	<b>: 01/10/2021</b>
<b>Submission of camera-ready Manuscript</b>	<b>: 15/10/2021</b>
<b>Registration Open</b>	<b>: 15/10/2021</b>
<b>Registration Close</b>	<b>: 30/10/2021</b>

## How to submit research paper?

Selected papers will be published in “Materials Today: Proceedings” which is an Elsevier published and Scopus-indexed journal. Full-length manuscripts which clearly present the work, methods, originality, significance and applications of the research work should be submitted through the journal website. The accepted manuscripts, after peer review process, will be considered for e-proceedings and conference presentation. Authors interested in journal publication of their research article should submit the full-length manuscript as per prescribed format [www.elsevier.com/journals/materials-today-proceedings/2214-7853/guide-for-authors](http://www.elsevier.com/journals/materials-today-proceedings/2214-7853/guide-for-authors)

Follow the following steps to submit the manuscript.

- 1) The corresponding author must create an account and login located at: <https://www.editorialmanager.com/matpr/default.aspx>
- 2) Authors must select “SI:MSMAT2021” when they reach the “Article Type” step in the submission process.
- 3) Authors may use the template uploaded [here](#) to create their article.

Queries related to paper submission may be sent to [msmat.nmamit@nitte.edu.in](mailto:msmat.nmamit@nitte.edu.in)

## Paper Formats & Ethics

The conference proceedings **MUST COMPLY** with the same ethical standards as all other academic articles. Permission should be sought to reuse any figures/tables/text from other sources. The article must be prepared in MS word format, and preferably by using the manuscript template. Before submission, the authors must ensure that the plagiarism is **below 20%**.

## Registration Fee

The registration fee can be paid through Demand draft / NEFT. Demand Draft: In favour of "Nitte Education Trust", payable at Canara Bank Nitte to be sent to the Conference Secretary before due date.

Registration fee for	Indian Delegates (INR)	Foreign Delegates (USD \$)
Research scholars/PG/UG students/ Academicians	1500	25
Industry professionals, R&D organizations	3000	50

## NEFT/RTGS details

A/c Holder Name: NITTE EDUCATION TRUST

Bank Name: Canara Bank

Branch: Nitte

Account Type: S/B

Account No.: 01152200011460

IFSC/RTGS Code: CNRB0010115

MICR Code: 576015041

The proof of NEFT payment (with UTR No., date & time, Applicant name & Paper Id) along with registration form needs to be communicated through email to [msmat.nmamit@nitte.edu.in](mailto:msmat.nmamit@nitte.edu.in).

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**REGISTRATION FORM**

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Mobile No: Email:

Title of the Paper:

Paper ID: Theme:

Name & Designation of corresponding Author: (If it is different from above)

Mode of Payment: NEFT  Demand Draft

Details of Payment: \_\_\_\_\_

UPI transaction number and date:

Gender: Male/Female

Signature of Delegate:

<b>Conference Registration Fee</b> Refer website <a href="http://www.msmat2021.in">http://www.msmat2021.in</a>	<b>LAST DATE FOR REGISTRATION</b> <b>30 October 2021</b> The payment of registration fee should be made by NEFT/DD Drawn in Favor of " <b>Nitte Education Trust</b> ", payable at <b>Canara Bank, Nitte.</b>	<b>NEFT Details</b> <b>A/c Holder Name:</b> NITTE EDUCATION TRUST <b>Account Type:</b> S/B <b>Account No. :</b> 01152200011460 <b>IFSC/RTGS code:</b> CNRB0010115
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