

INTERNATIONAL CONFERENCE

on “EMERGING TRENDS IN PURE AND APPLIED MATHEMATICS” (BLENDED MODE)



MARCH 12-13, 2022

IMPORTANT DATES:

Abstract submission last date: **09.03.2022**

Acceptance of Abstract: **10.03.2022**

Last date of registration: **09.03.2022**

Registration Fees: **None**

E-certificate will be provided to the registered participants only

Contact: tuasc2022@gmail.com

Link for Online Registration

[Click here for the link](#)

(All the Invited Talks will be through Google Meet
and Oral Presentations will be in blended Mode)

Level of participants:

**Research scholars, faculty members of
colleges & universities, final year PG students.**

LIST OF KEY-NOTE SPEAKERS/RESOURCE PERSONS:-

1. Prof. Mark L. Lewis, Kent State University, Kent, USA
2. Prof. Ahmad Erfanian, Ferdowsi University of Mashhad, Iran
3. Prof. Manoj Kumar Yadav, Harish-Chandra Research Institute, Prayagraj (Allahabad), India
4. Prof. Debjani Chakraborty, Indian Institute of Technology Kharagpur, India
5. Prof. Nita H. Shah, Gujarat University, Ahmedabad, India
6. Prof. Ritumoni Sarma, Indian Institute of Technology Delhi, India
7. Prof. Asoke Kumar Bhunia, The University of Burdwan, Bardhaman, India
8. Prof. Indranil Ghosh, University of North Carolina, Wilmington, USA
9. Prof. Chandra K Jaggi, University of Delhi, India

ORGANIZED BY

Department of Applied Sciences, School of Engineering
in association with

Department of Mathematical Sciences, School of Sciences
Tezpur University,

Napaam, Pin: 784028, Assam, India

Website: <http://www.tezu.ernet.in/>

ABOUT THE CONFERENCE:

This conference intends to bring researchers, scientists, academicians and research scholars together to exchange and share their knowledge and experiences, new ideas, and the research outcome of all possible aspects of Pure and Applied Mathematics. The final year PG students will also find it very useful, as some popular talks by well-known experts are also a part of this conference.

It is a multidisciplinary program with broad participation and a focus on learning about the latest trends & research methodologies. The conference aims to promote and advance the exciting and rapidly changing fields representing all aspects of pure and applied mathematics.

**Participants may present their papers on topics related
to pure and applied mathematics.**

ABOUT TEZPUR UNIVERSITY:

The Tezpur University (referred to hereafter as the University) was established on January 21, 1994 by an Act of Parliament of India, The Tezpur University Act, 1993 (Act No. 45 of 1993), as a non-affiliating and residential Central University. Being a Central University, it is privileged to receive funds from the Ministry of Human Resource Development, Government of India, through the University Grants Commission. NAAC accredited the University with 'A' Grade. The University was accorded the Visitor's Best University Award for the year 2016 by the President of India. The University was also ranked 30th among India's top 100 Universities in an assessment conducted by MHRD, Govt. of India, through the National Institutional Ranking Framework (NIRF) in 2017. Further, the University is placed in the top 601-800 Universities in the World University Rankings conducted by the Times Higher Education (THE) in 2017. The QS (Quacquarelli Symonds) BRICS University Rankings 2018 which feature 300 top Universities from Brazil, Russia, India, China and South Africa (BRICS) placed Tezpur University in 146th rank. Tezpur University secured 100th rank in Times Higher Education (THE) Asia University Rankings 2018. The University has also featured in the 20th position in the list of top 20 world's best small universities by Times Higher Education in 2018. The University is ranked 36th in India under QS BRICS University Rankings 2019. Tezpur University is ranked 65th in overall ranking and 39th amongst all Universities under MHRD NIRF 2020. The academic programmes, offered in the University, have a distinct focus on Science, Technology, Management, Humanities, and Social Sciences. At present, the University offers a number of Programmes of Under-Graduate Degree/Diploma/Certificate, Integrated Programmes, Post-Graduate Degree/Diploma and Doctor of Philosophy Degree in various Disciplines.

ABOUT THE DEPARTMENT OF APPLIED SCIENCES

The Department of Applied Sciences is one of the newest departments of the University, was established in 2019. It aims to provide high-quality teaching of basic science subjects to engineering students. At the same time, the department aspires to establish its name in research with world-class and high-impact outputs in the frontiers of applied sciences in interdisciplinary areas. Particularly, the department possesses some highly-motivated young faculty members with research experience from various premier institutes of India and abroad. Their research interests encompass diverse areas of applied as well as fundamental sciences, spanning fields like astrophysics, condensed matter physics, materials chemistry, pure and applied mathematics.

ABOUT THE DEPARTMENT OF MATHEMATICAL SCIENCES

The Department of Mathematical Sciences was started in July, 1994 as one of the first three departments of Tezpur University with the objective of producing trained manpower for undertaking research and teaching in mathematics and allied branches of basic and applied sciences. It also aimed to groom trained mathematicians for problem solving in industry and other concerns. Apart from offering Masters degree in Mathematics (2 yr and Integrated 5 yr programmes) it offers a 4-yr Integrated B.Sc. B.Ed. programme in mathematics. The department also offers research in areas such as Number theory (Ramanujan's Mathematics), Discrete Probability Distributions, Combinatorial optimization, Algebra, Fuzzy mathematics, Topology and applications, Operator Theory and applications, Finite element method etc. Several projects under the sponsorship of the Department of Science and Technology (DST), Indian Space Research Organisation (ISRO), University Grants Commission (UGC) and Council for Scientific and Industrial Research (CSIR) have been completed by the department. Several other projects under the sponsorship of various organizations are running in the department.

Alumni of the department are engaged in various universities, research institutes, colleges, other institutions as well as different software and other organisations. The department is currently supported under UGC-SAP (DRS-I) and DST-FIST 2012 grants.

ORGANIZING COMMITTEE

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Prof. Dhruva Kumar Bhattacharyya, Pro Vice Chancellor, Tezpur University

Patron:

Prof. Partha Pratim Sahu, Dean, School of Engineering, Tezpur University

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