

Organising Committee

Patron:

- Dr. Subrata Sarmah Bhattacharya, President, Governing Body, Handique Girls' College.

Chairperson:

- Dr. Ranjit Sarma, Principal, Handique Girls' College.

Advisors:

- Prof. Hemanta Kr. Sarmah, Professor, Deptt. of Mathematics, Gauhati University.
- Prof. Rishi Kumar Tiwari, Professor & HoD, Deptt. of Mathematics, Government Model Science College, Rewa, Madhya Pradesh.
- Prof. Surajit Chattopadhyay, Professor, Deptt. of Mathematics, Amity Institute of Applied Sciences, Amity University, Kolkata.
- Dr. Manmohan Das, Associate Professor & HoD, Deptt. of Mathematics, Bhattadev University.
- Dr. Sandip Shil, Senior Scientist, Agricultural Statistics ICAR- Central Plantation Crops Research Institute, Research Centre, Mohitnagar.
- Dr. Shakeel Zamal, Vice-Principal, Handique Girls' College.
- Dr. Mintu Lal Saha, Associate Professor & HoD, Deptt. of Mathematics, Handique Girls' College.
- Dr. Pori Hiloidari, Coordinator, IQAC, Handique Girls' College.
- Dr. Akhtar Hussain, Convenor, Research & Development Cell, Handique Girls' College.

Keynote Speakers:

- Prof. Nazibuddin Ahmed, Professor & Head (Retired), Deptt. of Mathematics, Gauhati University.

- Prof. Helen Kumari Saikia, Professor, Deptt. of Mathematics, Gauhati University.
- Dr. Vivek Verma, Assistant Professor, Deptt. of Statistics, Assam University.

Conveners:

- Dr. Jumi Bharali, Assistant Professor, Deptt. of Mathematics, Handique Girls' College.
- Dr. Soma Dhar, Assistant Professor, Deptt. of Statistics, Handique Girls' College

Co-Conveners:

- Mr. Sanjay Kumar Das, Assistant Professor, Deptt. of Mathematics, Handique Girls' College.
- Ms. Namrata Pareek, Assistant Professor, Deptt. of Statistics, Handique Girls' College.

Executive members:

- Dr. Sabita Mahanta, Assistant Professor, Deptt. of Mathematics, Handique Girls' College.
- Dr. Mamani Choudhury, Assistant Professor, Deptt. of Mathematics, Handique Girls' College.
- Ms. Ganga Adhikary, Assistant Professor, Deptt. of Statistics, Handique Girls' College.

Contact Details:

Dr. Jumi Bharali, Deptt. of Mathematics, Handique Girls' College, Whatsapp No.: 8133042149

Important Dates:

Abstract submission started: 14 October 2026
Abstract submission deadline: 14 November 2026
Acceptance notification: 18-23 November 2026
Registration started: 24 November 2026
Registration deadline: 30 November 2026
All communications regarding abstract submission, registration, acceptance, and future correspondence should be addressed to: Email: nsmtmsp2026@gmail.com

National Seminar on Modern Trends in Mathematical Sciences and its Perspectives

(NSMTMSP-2026)

22nd December 2026

(National Mathematics Day)

HYBRID MODE

Organised by



Department of Mathematics & Statistics
Handique Girls' College
Guwahati-781001, Assam, India

In Collaboration with IQAC, Handique Girls' College

About the College

Founded in 1939 by the visionary educator Late Mrs. Rajabala Das against the backdrop of India's nationalist movement, Handique Girls' College stands as one of the oldest and most respected institutions for women's higher education in North-East India. Mrs. Das's unwavering commitment to women's empowerment found strong support in the philanthropy of Late Radha Kanta Handique, whose generosity played a pivotal role in establishing this premier centre for women's education during pre-independence India. The college began its journey in a modest building within the Panbazar Girls' High School campus and was initially known as Gauhati Girls' College. Its present name honours the legacy of Radha Kanta Handique, remembered with enduring gratitude by generations of stakeholders.

For more details, visit <http://www.https://www.hgcollege.edu.in/>

Modern Trends in Mathematical Sciences and its Perspectives

Modern Trends in Mathematical Sciences and its Perspectives reflect a dynamic fusion of classical theory and contemporary innovation. The discipline has expanded beyond traditional boundaries, embracing computational modeling, data analytics, and artificial intelligence to solve complex real-world problems. Areas such as mathematical biology, cryptography, and statistical learning, etc illustrate how mathematics now drives technological and societal progress. The integration of interdisciplinary approaches—linking mathematics with physics, economics, and social sciences, etc —has enriched both theoretical understanding and practical application. Moreover, the rise of open-source tools and collaborative research platforms has democratized access to advanced mathematical exploration, making the field more inclusive and globally connected. In essence, modern mathematical sciences stand at the crossroads of abstraction and application, shaping the future of knowledge through precision, logic, and creativity.

Seminar Highlights:

- Emerging trends in Pure and Applied Mathematics
- Computational and Statistical Innovations
- Interdisciplinary Research connecting mathematics with data science, physics, economics, and social studies
- Panel Discussions with eminent academicians and researchers
- Student Paper Presentations and interactive sessions

About the Seminar

Handique Girls' College will host a one-day National Seminar on Modern Trends in Mathematical Sciences and its Perspectives on 22nd December 2026 in a hybrid format. The inaugural session, poster presentation, valedictory function and designated academic activities will be held in person at Handique Girls' College, while paper presentations and selected expert interactions will be conducted online to enable participation by scholars and academicians from across the country.

Subthemes:

The following are some of the subthemes, but contributions are not limited to these areas:

- Pure and Applied Mathematics
- Statistics, Data Science and Big Data Analytics
- Mathematical Physics
- Mathematical Biology and Healthcare
- Mathematics in Engineering, Technology and Industry
- Mathematical Finance and Economics
- Mathematics Education and Innovative Pedagogy

- Emerging Interdisciplinary Applications of Mathematics
- Artificial Intelligence, Machine Learning and Industrial Analytics
- Mathematics for Energy, Sustainability and Green Industry
- Mathematical Modelling in Manufacturing and Automation
- Robotics, Control Theory and Intelligent Systems
- Emerging Mathematical Technologies and Their Industrial Applications

Submission Guidelines:

- The abstract should be limited to 250 words, with a maximum of 6 keywords.
- The title page must clearly state the name(s), affiliation/address, and email address(es) of the author(s). In the case of multiple authors, the corresponding author should be indicated with an asterisk (*).
- Font Size-12, Theme Font-Times New Roman, Reference Style-APA, File type-MS Word.

Registration Fees:

- UG/PG Students/Research Scholars: ₹200
- Faculty/Industry: ₹300
- Poster presentation: ₹300
- Participation Only (Offline/Online): ₹50

(E-certificates will be provided to all registered candidates upon attending all sessions throughout the Seminar)

Apply
<https://forms.gle/NkfMhLAmLPWyNZc28>