ICGEM 2026

International Conference on Global Trends in Mathematics and Ethno-Mathematics

Pure and Applied Perspectives

Department of Mathematics | Dibrugarh University

Breakfast

7:30 AM – 8:45 AM

Saturday 21 November 2026

Venue: Department of Mathematics, Dibrugarh University

ICGEM 2026

International Conference on Global Trends in Mathematics and Ethno-Mathematics

Pure and Applied Perspectives

Department of Mathematics | Dibrugarh University

Day 3 Programme

Saturday 21 November 2026

Venue: Indira Miri Conference Hall

Session Coordinator: Nabajit Talukdar, Cotton University, India

Time	Programme
09:00 AM–10.00 AM	Plenary talk III Speaker: **Prof. René Schoof,** University of Rome Tor Vergata, Italy Title: *Lagrange, Grothendieck and Claude*
10:00 AM–10:40 AM	Plenary talk IV (ONLINE) Speaker: **Prof. Ismail Naci Cangul,** Bursa Uludag University, Turkey Title: *New Combinatorial Results on Realizability*
10:50 AM onwards	Parallel Technical Sessions MATH-C, MATH-S and IMCH
12:15-12:45 PM	Valedictory Session Venue: Indira Miri Conference Hall
12:45 PM–2:00 PM	Lunch Venue : Department of Mathematics, Dibrugarh University

Technical Session Rooms

Room code	Venue
MATH-C	Mathematics Conference Hall (Ground Floor)
MATH-S	Mathematics Seminar Room (First Floor)
MATH-R1	Mathematics Class Room No. 1 (Ground Floor)
STAT-C	Statistics Conference Hall (Ground Floor)
STAT-S	Statistics Seminar Hall (Second Floor)
CCSA	CCSA(Centre for Computer Science and Applications) Class Room No. 201 (First Floor)
IMCH	Indira Miri Conference Hall (First Floor)

ICGEM 2026

International Conference on Global Trends in Mathematics and Ethno-Mathematics

Pure and Applied Perspectives

Department of Mathematics | Dibrugarh University

Saturday 21 November 2026

Standard Operating Procedure for Contributory Talks

1. Each contributory talk is allotted 12 minutes: 10 minutes for the presentation followed by 2 minutes for questions and discussion.

2. Presenters must report to the allotted session room at least 15 minutes before the scheduled start of their session.

3. Online participants must join in advance and remain ready throughout their allotted session.

4. Participants are requested to follow the allotted schedule, as rescheduling of contributory talks will not be possible.

ICGEM 2026

International Conference on Global Trends in Mathematics and Ethno-Mathematics

Pure and Applied Perspectives

Department of Mathematics | Dibrugarh University

Parallel Session MATH-C

Saturday 21 November 2026

Venue	Mathematics Conference Hall

Session Coordinator: Prof. P. N. Deka, Dibrugarh University, India

Technical Coordinator: Mr. Naba Kumar Borah (6000533951)

Time	Presentation	
10:50-11:20 AM	**Invited Talk**	Speaker: **S K Tomar, Panjab University, India** Title: *Plane waves in elastic porous solids with two-parameter nonlocality*

Chairperson	Prof. S K Tomar, Panjab University, India

Time		Paper ID	Author and Paper Title	Mode
11:20–12:10 PM	**Contributory Talks**	ICGEM-2026-0682	Author: Gautam Gogoi Title: Dissipation Mechanisms of Viscous Ocean Waves over a Soft Seabed	OFFLINE
		ICGEM-2026-5344	Author: Barnali Sharma Title: Mathematical Modelling of Magnetohydrodynamic Blood Flow: Classical Foundations and Contemporary Perspectives	OFFLINE
		ICGEM-2026-9350	Author: Ismail Gboyega, Baoku Title: MHD flow of maxwell viscoelastic-based micropolar fluid with thermal radiation, multiple slips and thermophoresis	OFFLINE
		ICGEM-2026-9701	Author: Vishal Saikia Title: Analysis of MHD bioconvective ternary hybrid nanofluid flow over moving thin needle using Cattaneo-Christov heat flux model	OFFLINE

ICGEM 2026

International Conference on Global Trends in Mathematics and Ethno-Mathematics

Pure and Applied Perspectives

Department of Mathematics | Dibrugarh University

Parallel Session MATH-S

Saturday 21 November 2026

Venue	Mathematics Seminar Room

Session Coordinator: Dr. Hirak Jyoti Dehingia, Dibrugarh University, India

Technical Coordinator: Ms. Tridisha Neog (9085237494)

Time	Presentation	Paper ID	Author and Paper Title	Mode
10:50-11:20 AM	**Invited Talk**	Speaker: **Gujji Murali Mohan Reddy** Title: Parametric elliptic reconstructions and a posteriori error estimates for parabolic partial differential equations with small random input data		

Chairperson	Dr. Gujji Murali Mohan Reddy, BITS Pilani, Hyderabad Campus, India			
11:20-12:10 PM	**Contributory Talks**	**Paper ID**	**Author and Paper Title**	**Mode**
		ICGEM-2026-0154	Author: Sunil Kumar Title: A general weak Galerkin framework with second order time discretization for parabolic problems	ONLINE
		ICGEM-2026-0189	Author: Hardeep Title: A Fully Discrete Weak Galerkin Method for the Benjamin-Bona-Mahony-Burgers Equation	ONLINE
		ICGEM-2026-0156	Author: Atul Kumar Rai Title: An Arbitrary-Order MATLAB Solver for the Steady Stokes Equations Using the Weak Galerkin Finite Element Method on Polygonal Meshes	OFFLINE
		ICGEM-2026-9371	Author: Falalu Muhammad Title: Modeling the Impact of Carriers and Vaccination on Meningitis Transmission among Children under 15 Years in North Western Nigeria Using ODE and Optimal Control	OFFLINE

ICGEM 2026

International Conference on Global Trends in Mathematics and Ethno-Mathematics

Pure and Applied Perspectives

Department of Mathematics | Dibrugarh University

Parallel Session IMCH

Saturday 21 November 2026

Venue	Indira Miri Conference Hall

Session Coordinator: Dr. Debasish Dey, Dibrugarh University, India

Technical Coordinator: Mr. Sukanta Paul (6026984013)

Chairperson	Prof. Deb Kumar Chakraborty, Dibrugarh University, India			
Time	**Presentation**	**Paper ID**	**Author and Paper Title**	**Mode**
10:50 –11:50 AM	**Contributory Talks**	ICGEM-2026-0201	Author: Mussabbiha Farhin Title: Two Scales, One Divide: Constructing and Validating Instruments to Measure Sociological Perception of ICT among Students and Teachers	OFFLINE
		ICGEM-2026-0218	Author: Prerana Nath Title: “Beyond “Pell’s Equation”: The Cakravāla Method of Classical Indian Mathematics and Its European Reception”	OFFLINE
		ICGEM-2026-0340	Author: Prantor Bordoloi Title: A Hybrid Soft Computing Framework for the Adaptive Digitization and Intelligent Metadata Cataloging of Ancient Indian Scripts	OFFLINE
		ICGEM-2026-4195	Author: Aditaya Ghosh Title: Cognitive Ethno-mathematics in Primary Mathematics Education: Reconsidering the Colonial Interface with Diagnostic Interventions to Secure the Intellectual Growth of 1st Generation Indigenous and migrant learners in Sub-Himalayan post pandemic era	OFFLINE
		ICGEM-2026-6380	Author: Bhargabjyoti Saikia Title: Ancient Indian Mathematics for Modern Engineering: FPGA Implementation of the Bakhshali Square-Root Algorithm for Low-Latency Robotic Computation	OFFLINE

ICGEM 2026

International Conference on Global Trends in Mathematics and Ethno-Mathematics

Pure and Applied Perspectives

Department of Mathematics | Dibrugarh University

Valedictory Session

12:15- 12.45 PM

Saturday 21 November 2026

Venue: Indira Miri Conference Hall

ICGEM 2026

International Conference on Global Trends in Mathematics and Ethno-Mathematics

Pure and Applied Perspectives

Department of Mathematics | Dibrugarh University

Lunch

12:45- 2:00 PM

Saturday 21 November 2026

Venue: Department of Mathematics, Dibrugarh University