



All India Seminar on Innovations in Science, Technology & Management (ISTM-2026)



Day 1: 29 th September 2026				
Inaugural Program				
10:30 AM – 11:00 AM		Lighting of the lamp Introductory address Welcome Address- Dr. Bimal Das Felicitation of Chief Guest & Guest of Honor Address by Guest of Honor -1. Dr. A. Ganguly, Chief Scientist, CMERI 2. Prof (Dr.) Sabyasachi Sarkar, Principal, DIATM Address by Chief Guest – Prof. Arvind Choubey, Director NIT DGP Release of the Souvenir Vote of thanks- Dr. Arup Mondal		
11:00AM – 11:15AM		TEA BREAK		
Technical Session I, Venue: Shivam Seminal Hall, DIATM Campus				
11:15 AM – 11:45 AM		Keynote Address (Offline)	Speaker : Dr. Sandip Kumar Lahiri, Associate Professor, Dept. of Chemistry, National Institute of Technology, Durgapur	
11:45AM– 12:15 PM		Keynote Address (Offline)	Speaker : Dr. Tushar Kanti Bera, Assistant Professor, Dept. of Electrical Engineering, National Institute of Technology, Durgapur	
Paper Presentations				
12:15 PM – 12:45 PM	Chairperson: Dr. Tushar Kanti Bera,	Speaker	Time	Title of the talk
		Mr. Diganta Das (Offline)	12:15 PM - 12:25 PM	Green Powered Dynamic Wireless Charging System for EV with Automatic Source Selection
		Mr. Rishav Joddar(Offline)	12:25 PM – 12:35 PM	Electrical Impedance Tomography Using a 32-Electrode Configuration for Anomaly Conductivity Imaging in a Saline-Based Biological Phantom
		Ms. Kaushiki Adhikary (Offline)	12:35 PM- 12:45 PM	Development of a 32-Electrode Resistive Mesh Phantom for Electrical Impedance Tomography (EIT) of Heterogenous Biological Tissue
		Dr. Shuddha Shankar Dasgupta (Online)	12:45 PM- 12:55 PM	Micro Pattern Gaseous Detector Technology A Review of Architectures Applications and Current Challenges
01:00 PM – 02:00 PM		Lunch Break		

Technical Session II, Venue: Shivam Seminal Hall, DIATM Campus				
02:00 PM – 02:30 PM	Invited Lecture (Online)		Speaker : Prof. Subratanath Koner,, Professor Department of Chemistry, Jadavpur University	
02:30 PM – 03:00 PM	Invited Lecture (Online)		Speaker : Prof. Sanjib Kumar Datta, Professor, Dept. of Mathematics, University of Kalyani	
Paper Presentations				
03:00 PM – 03:40 PM	Chairperson: Dr. Subratanath Koner, Prof. Sanjib Kumar Datta	Speaker	Time	Title of the talk
		Ms. Sonali Gayen (Offline)	03:00 PM– 03:10 PM	A Lightweight CNN and SHA-256 Based Framework for Face Verification and Image Authenticity
		Mr. Subhankar Mukherjee (Online)	03:10 PM – 03:20 PM	Psychological Analogy of Human Intelligence under the Flavour of Bicomplex Analysis
		Mr. Samsun Nahar (Online)	03:20 PM – 03:30 PM	Psychological modeling of human intelligence : a multicomplexial approach
		Dr. Pratap saha (Online)	03:30 PM – 03:40 PM	A Bicomplex Counterpart of a Value Distribution Theorem for Deferential Monomials
03:40 PM – 04:10 PM	Invited Lecture (Online)		Speaker : Prof. Bibhas Chandra, Professor, Dept of Management Studies and Industrial Engineering, IIT – ISM, Dhanbad.	
04:10 PM-04:25 PM	TEA BREAK			
Technical Session III, Venue: Shivam Seminal Hall, DIATM Campus				
Paper Presentations				
04:15 PM– 04:55 PM	Chairperson Dr. Bibhas Chandra	Mr. Prabuddha Jyoti Chatterjee (Offline)	04:25 PM – 04:35 PM	The Role of Explainable AI in Risk Assessment of Debt Capital Markets
		Ms. Deeya Bandyopadhyay (Offline)	04:35 PM – 04:45 PM	Between Belonging and Benefit: Cultural Branding, Social Relevance, and Purchase Intention in the Indian Consumer Market - A Pilot Study
		Ms. Supriya Sukla (Offline)	04:45 PM- 04:55 PM	Age, Not Usage: An Age-Stratified Empirical Framework for the Psychological Impact of Generative AI
		Mr. Mallika Sol (Offline)	04:55 PM- 05:05 PM	Organizational Agility as a Catalyst for Innovation and Human Resource Effectiveness:A Study of Communication, Teamwork and Decision-Making at Alloy Steels Plant (ASP), Durgapur

Day 2: 30 th September 2026				
Technical Session IV, Venue: Shivam Seminal Hall, DIATM Campus				
10:30 AM – 11:00 AM	Invited Lecture (Offline)	Speaker : Prof. Biplab Biswas, Professor, Department of Geography., The University of Burdwan		
11:00 AM – 11:30 AM	Invited Lecture (Offline)	Speaker : Prof, Sukadev Sahoo, Professor, Dept. of Physics, National Institute of Technology, Durgapu		
11:30 AM – 11:45 AM	TEA BREAK			
Technical Session V, Venue: : Shivam Seminal Hall, DIATM Campus				
Paper Presentations				
11:45 AM – 12:45 PM	Chairperson Dr. Biplab Biswas, Prof, Sukadev Sahoo	Speaker	Time	Title of the talk
		Ms. Kumkum Dey (Offline)	11:45 AM – 11:55 AM	Geospatial Assessment of Surface Waterbodies using Surface Water Clarity Index-A Study in Nadia, West Bengal
		Ms. Ayantika Gangopadhyay (Online)	11:55 AM – 12:05 PM	Post-Quantum Authentication and Adversarial Robustness Evaluation for Secure CNN-Based Image Classification Models
		Dr. Moumita Mahanti (Offline)	12:05 PM – 12:15 PM	Numerical Modelling of High-Efficiency CsxFA1-xPbI ₃ Perovskite Solar Cells Using SCAPS-1D
		Mr. Mansi Mandal (Offline)	12:15 PM – 12:25 PM	Lepton polarization asymmetries of $D \rightarrow \rho \mu + \mu^-$ decays in non-universal Z' model
		Mr. Samiddha Chakrabarti (Offline)	12:25 PM – 12:35 PM	From Specimens to Cores: Does Geology-Domain Pre-training Improve Robust Lithology Identification from Drill-Core Images?
		Dr. Ambarish Maji (Offline)	12:35 PM – 12:45 PM	Thermal Analysis and Optimization of Hollow Hybrid Finned Heat Sink

Technical Session VI, Venue: : Shivam Seminal Hall, DIATM Campus		
12:45 PM – 01:15 PM	Invited Lecture (Online)	Speaker : Prof. Amartya Bhattacharya, Chairman and Managing Director of MultiSpectra Consultant, Kolkata
01:15PM-02:45 PM	Lunch Break	
Venue: : Shivam Seminal Hall, DIATM Campus		
03:00 PM – 03:20 PM	Valedictory Session	
03:20 PM – 03:30 PM	Concluding Remarks	
03:30 PM – 03:40 PM	Vote of Thanks	
03:40 PM – 04:00 PM	Tea & Snacks	