



Indus Institute of Information and Communication Technology

(Rancharda via Shilaj, Ahmedabad- 382115)

**ISTE Sponsored National Conference on
Role of Science and Technology in Viksit Bharat@2047 (RSTVB-2025)
May 30 - 31, 2025**

PROGRAM SCHEDULE

Friday, May 30, 2025

Time	Activity
09:30 am - 10:00 am	Registration & High Tea Venue: Main Building
10:00 am - 11:30 am	Inaugural Function Venue: Auditorium, Main Building
11:30 am - 03:30 pm	Parallel Paper Presentation Track - 2: Transformation of Digital landscape-Data, Security & Infrastructure in Harmony Venue: LH-7, Bhanwar Building Session Host: Dr. Amrita Sharma
11:30 am - 12:00 noon	Keynote address by Dr. Chirag Thaker
Session Chair: Dr. Chirag Thaker Ms. Zalak Vyas Mr. Kirtankumar Rathod	
11:30 am - 03:30 pm	Parallel Paper Presentation Track -4: Scientific Computing & Mathematical Modelling / Satellite, Drones & Material science synergies for the future Venue: LH - 8, Bhanwar Building Session Host: Ms. Dolly Dave
11:30 am - 12:00 noon	Keynote address by Prof.(Dr.) Amit K. Parikh
Session Chair: Prof.(Dr.) Amit K. Parikh Dr. Rootvesh Mehta Dr. Disha A. Shah	
11:30 am - 03:30 pm	Parallel Paper Presentation Track - 5: Environmental Science and Climate Change / Pharmaceutical, Microbiology and Biotechnology Venue: LH - 6, Bhanwar Building Session Host: Ms. Mansi Mehta
Session Chair: Dr. Falguni Tandel Mr. Shrikrishna Dasari Dr. Hardiksinh Rayjada	
01:00 pm - 02:00 pm	Lunch Break
03:30 pm - 03:45 pm	High Tea



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PAPER PRESENTATION SCHEDULE

Friday, May 30, 2025

Venue: LH-7, Bhanwar Building

Session Host: Dr. Amrita Sharma

Track -2: Transformation of Digital landscape-Data, Security & Infrastructure in Harmony			
Session Chair: Dr. Chirag Thaker Ms. Zalak Vyas Mr. Kirtankumar Rathod			
Time	Paper Id	Paper Title	Presenting Author
12:00 noon - 12:15 pm	30	Optimizing Academic Feedback Systems Through Business Intelligence: A Strategic Approach To Enhancing University Rankings In Indian Higher Education Institutions	Mr. Hemant Sharma
12:15 pm - 12:30 pm	39	Optimized Data Center Design: A Three-Step Approach To Enhancing Network Speed, Reducing Costs, And Ensuring Secure User Connections	Dr. Hardiksinh Rayjada
12:30 pm - 12:45 pm	48	An Approach To Mitigate Security Attacks In Connected Vehicles Based On Iot Devices	Ms. Dasa M
12:45 pm - 01:00 pm	57	Study On Edge Computing For Space Data Processing	Mr. Kartikeydheer Srivastava
01:00 pm - 02:00 pm	Lunch Break		
02:00 pm - 02:15 pm	70	Review Of Machine Learning Approaches For Fraud Detection In Digital Transactions	Ms. Shivani Sompura
02:15 pm - 02:30 pm	87	A Multi-Faceted Approach To Cybersecurity: Misconfiguration Analysis, Web Server Fingerprinting, And Iot Threat Detection	Ms. Aafrin Julaya
02:30 pm - 02:45 pm	86	Analyzing Public Mood and Narrative Flow: A Deep Learning Framework for Archived Social Media Data	Ms. Nistha Hiteshkumar Chauhan



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Track -2: Transformation of Digital landscape-Data, Security & Infrastructure in Harmony

Session Chair: Dr. Chirag Thaker
Ms. Zalak Vyas
Mr. Kirtankumar Rathod

Time	Paper Id	Paper Title	Presenting Author
02:45 pm - 03:00 pm	52	Exploring Hyperledger Fabric In Blockchain Technology	Ms. Vidhi Thakkar
03:00 pm - 03:15 pm	98	Web 3.0: The Next Generation Of The Internet.	Ms. Shakshi Devrani
03:15 pm - 03:30 pm	104	The Rise, Growth And Impact of OTT Platforms.	Mr. Tapan Mehta
03:30 pm - 03:45 pm	High Tea		



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PAPER PRESENTATION SCHEDULE

Friday, May 30, 2025

Venue: LH-8, Bhanwar Building

Session Host: Ms. Dolly Dave

Track - 4: Scientific Computing & Mathematical Modelling / Satellite, Drones & Material science synergies for the future			
Session Chair: Prof.(Dr.) Amit K. Parikh Dr. Rootvesh Mehta Dr. Disha A. Shah			
Time	Paper Id	Paper Title	Presenting Author
12:00 noon - 12:15 pm	111	Numerical Simulation of Pollutant Transport in Water Channels Using Meshless Radial Basis Functions and Burgers' Equation	Mr. Shrikrishna Dasari
12:15 pm - 12:30 pm	43	Cryptographic Methods: Ssc-Kt And Ssc-Mt To Enhance Data Security Of Communication	Dr. Akash Thakkar
12:30 pm - 12:45 pm	45	Fair Support Equitable Domination In Graphs: A Novel Approach And Its Applications	Ms. Krupali Bhatt
12:45 pm - 01:00 pm	56	Paired And Inverse Paired Domination Number Of Wheel Related Graphs	Ms. Parashree Pandya
01:00 pm - 02:00 pm	Lunch Break		
02:00 pm - 02:15 pm	75	2-Odd Labeling In The Context of Switching of A Vertex	Ms. Khushbu Sangatani
02:15 pm - 02:30 pm	71	Review On Application Of Fuzzy Matrices- Atd Matrix, Rtd Matrix & Cetd Matrix In Various Fields	Ms. Patel Bhaktikumari Vallabhbbhai
02:30 pm - 02:45 pm	151	Mathematical Modeling of HIV and Cryptococcal Meningitis Co-Infection with Optimal Control in Immunocompromised Populations	Ms. Maitri R. Raval
02:45 pm - 03:00 pm	113	Exploring Solar Dynamics Using Advanced Astronomy Tools: Analysis of Sunspot Evolution Using High-Resolution Data	Mr. Sujal Dharmendra Prajapati



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Track - 4: Scientific Computing & Mathematical Modelling / Satellite, Drones & Material science synergies for the future

Session Chair: Prof.(Dr.) Amit K. Parikh
Dr. Rootvesh Mehta
Dr. Disha A. Shah

Time	Paper Id	Paper Title	Presenting Author
03:00 pm - 03:15 pm	112	Variation of Physical and Biological features of the Ocean along the track of Cyclone Remal in Bay of Bengal	Mr. Ritabrata Mukhopadhyay
03:15 pm - 03:30 pm	92	Review Paper On Iot Cloud Platforms :Exploring The Role Of Cloud Computing In Iot Ecosystems.	Mr. Khush Panchal
03:30 pm - 03:45 pm	High Tea		



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PAPER PRESENTATION SCHEDULE

Friday, May 30, 2025

Venue: LH-6, Bhanwar Building

Session Host: Ms. Mansi Mehta

Track - 5: Environmental Science and Climate Change / Pharmaceutical, Microbiology and Biotechnology			
Session Chair: Dr. Falguni Tandel Mr. Shrikrishna Dasari Dr. Hardiksinh Rayjada			
Time	Paper Id	Paper Title	Presenting Author
12:15 pm - 12:30 pm	17	Climate Change Mitigation Through Green Chemistry	Dr. Hirak Joshi
12:30 pm - 12:45 pm	53	Healthcare - A Smart Ecosystem For Personalized Healthcare	Ms. Shubhangi Goswami
12:45 pm - 01:00 pm	54	Systematic Review And Meta-Analysis Of Diabetes Knowledge Among Diabetes Patients In India	Mrs. Namira Bagwan
02:00 pm - 02:15 pm	108	Artificial Intelligence in Oncology Clinical Trials: A Systematic Review on Enhancing Patient Enrollment and Treatment Advancements	Ms. Bipasha Chanda
02:15 pm - 02:30 pm	46	Enhancing Doctor Appointment Systems with Adaptive Rescheduling for Rural and Urban Clinics: BookMyDoc	Mr. Mazz Mohammad Oomair Shaikh
01:00 pm - 02:00 pm	Lunch Break		
02:30 pm - 2:45 pm	81	An Investigation on Characterization Techniques And Real-Time Applications Of Double Perovskite Material La ₂ NiMnO ₆	Ms. Dhyan Parikh
02:45 pm - 3:00 pm	95	Hawk-Eye Technology Used In Cricket.	Mr. Vikesh Gohil
03:00 pm - 03:15 pm	67	The Role of Iot In Smart City Development: Transforming Urban Living.	Mr. Yagnesh Rajpara
03:15 pm - 03:30 pm	66	Digital Banking: Future, Innovations, Challenges, And Downsides.	Mr. Ashish Ajagiya
03:30 pm - 03:45 pm	High Tea		