

## 21<sup>st</sup> International Conference on Distributed Computing and Intelligent Technology

**Organised By**  
**Kalinga Institute of Industrial Technology (KIIT),**  
**Deemed to be University,**  
**Bhubaneswar, Odisha, India**  
**8<sup>th</sup> - 11<sup>th</sup>, January 2025**  
**Program Schedule**

<b>Wednesday, January 8, 2025 [Day: 1] (Venues:- Campus 6 &amp; Campus 7)</b>						
<b>Time</b>	<b>Programs &amp; Venues</b>					
8:00 AM - 9:00 AM	<b>Registration, Breakfast and Preparation</b>					
9:10 AM - 10:20 AM	<p><b>Keynote Talk 1:</b> Prof. Rajkumar Buyya (Director, Cloud Computing and Distributed Systems (CLOUDS) Lab, The University of Melbourne, Australia, CEO, Manjrasoft Pvt Ltd, Melbourne, Australia)</p> <p><b>Topic:</b> “Neoteric Frontiers in Cloud and Quantum Computing”  <b>Venue:</b> Conference Hall 4, Campus 6</p>					
10.20 AM-11.35 AM	<b>ICDCIT Paper Presentation (DC Track-1)</b> <b>Venue: Conference Hall 4, Campus 6</b>				<b>Inauguration Of IS</b>	<b>Hackathon</b> <b>Venue yet to be decided</b>
	<b>Paper ID</b>	<b>Author</b>	<b>Title</b>	<b>Minute</b>		
	<b>51</b>	Saksham Yadav, Srinibas Swain and Subhrangsu Mandal	Source Sets in Temporal Graphs	25		
	<b>50</b>	Himani and Supantha Pandit	Optimal Dispersion in Triangular Grids: Achieving Efficiency Without Prior Knowledge	25		
<b>79</b>	Tanvir Kaur, Kaustav Paul and Kaushik Mondal	Mobile Agents on Chordal Graphs: Maximum Independent Set and Beyond	25			
11:35 AM-12:05 PM	<b>Tea Break</b>					
12:10 PM-12.40 PM	<p style="text-align: center;"><b>Invited Speaker 1</b>  <b>Prof. Michel Raynal</b> (Professor at IRISA, University of Rennes, France)  <b>Topic:</b> “Distributed Computability”  <b>Venue:</b> Conference Hall 4, Campus 6</p>			<b>INDUSTRY SYMPOSIUM</b>	<b>HACKATHON</b>	
1.00 PM - 2.00 PM	<b>Lunch Break</b>					
2:00 PM - 3:10 PM	<p><b>Keynote Talk 2: Prof. Jean-Marie Gorce</b> (Head of Telecommunications department, INSA-Lyon, Inria)</p> <p style="text-align: center;"><b>Topic:</b> “Learning networks: how to combine protocols, distributed algorithms and machine learning ?”</p> <p style="text-align: center;"><b>Venue:</b> Conference Hall 4, Campus 6</p>					

3.20 PM- 4.35 PM	<b>ICDCIT Paper Presentation (IT Track-1)</b> <b>Venue: Conference Hall 4, Campus 6</b>				<b>HACKATHON</b>
	<b>Paper ID</b>	<b>Author</b>	<b>Title</b>	<b>Minute</b>	
	<b>15</b>	Sudipto Mondal and Prasanta K. Jana.	HJCFL: Hashcash and Jaya-based Communication Efficient Federated Learning	25	
	<b>16</b>	Shashank Kumar Singh and Amrita Chaturvedi.	Machine Learning for Sensor-based Handwritten Character Recognition: A Brief Survey	25	
	<b>34</b>	Riya Jhalke, Madan Sharma, Nirbhay Kumar Tagore, Ramakant Kumar and Mukund Pratap Singh	Deep Learning-Driven Person Re-Identification: Leveraging Color Space Transformations	25	
4.40PM- 5.10PM	<b>Tea Break</b>				
6:00 PM Onwards	<b>Inaugural Function, Cultural Program and Founder's Dinner</b> <b>Venue: Campus 7, Auditorium, KSOM</b>				

<b>Thursday, January 9, 2025 [Day: 2] (Venue:- Campus 6)</b>						
<b>Time</b>	<b>Programs &amp; Venues</b>					
8:00 AM - 9:00 AM	<b>Registration, Breakfast and Preparation</b>					
9.00 AM-9.10 AM	<b>Lighting of Lamp</b> <b>Venue: Conference Hall 4, Campus 6</b>					
9.10 AM-10.20 AM	<b>Keynote Talk 3: Prof. Michel Raynal</b> (Professor at IRISA, University of Rennes, France) <b>Topic:</b> "The Linearizability Hierarchy: An Example-based Introduction" <b>Venue:</b> Conference Hall 4, Campus 6					
10.20 AM- 11.35 AM	<b>ICDCIT Paper Presentation (DC Track-2)</b> <b>Venue: Conference Hall 4, Campus 6</b>				<b>Inauguration of Ph.D Research Symposium</b>  <b>Paper Presentation 1</b>	<b>HACKATHON</b>
	<b>Paper ID</b>	<b>Author</b>	<b>Title</b>	<b>Minute</b>		
	<b>54</b>	Rohan Mariyala and Susmita Mandal.	A Novel Protocol for Mitigating Wormhole Attack in Multi-Hop Payment Channels	25		
	<b>57</b>	Eshwar Uppu, Soumyajit Chatterjee and Sathya Peri	Enhancing QR Decomposition: A GPU-based Approach to Parallelizing the Householder Algorithm with CUDA Streams	25		
	<b>42</b>	Kushagra Agrawal, Polat Goktas, Biswajit Sahoo, Sujata Swain, and Anjan Bandyopadhyay	IoT - based service allocation in edge computing using game theory	25		
11:35AM- 12:05 PM	<b>Tea Break</b>					

12:10 PM -1:00 PM	Inauguration of Project Innovation Contest, Project Exhibition displayed by students. Venue : Kunjaban, Campus 6						
1.00 PM - 2.00 PM	<b>Lunch Break</b>						
2.10 PM-3.20 PM	<b>Keynote Talk 4: Prof. G. Narahari Sastry</b> (Professor, Department of Biotechnology, Indian Institute of Technology Hyderabad) <b>Topic:</b> “Machine learning and AI Applications in Drug Discovery and Healthcare” <b>Venue:</b> Conference Hall 4, Campus 6						
3.25 PM-4.40 PM	<b>ICDCIT Paper Presentation (IT Track-2)</b> <b>Venue: Conference Hall 4, Campus 6</b>				PIC	HACKATHON	PhD
	<b>Paper ID</b>	<b>Author</b>	<b>Title</b>	<b>Minute</b>			
	<b>55</b>	Ashita Batra, Prof Pradip K Das and Pratyush	Does Data Balancing Impact Stutter Detection and Classification?	25			
	<b>108</b>	Bobby Ramesh Addanki and Durga Bhavani S	Team formation based on the degree distribution of the social networks	25			
	<b>116</b>	Shweta Kharat, Sandeep Udmale, Aneesh Nath, Girish Bhole and Sunil Bhirud.	Classification of Impacted Teeth from Panoramic Radiography using Deep Learning	25			
5.30 PM-6.00PM	<b>Tea Break</b>						
6:00 PM - 6.40 PM	<b>Business Meetings</b>						

<b>Friday, January 10, 2025 [Day: 3] (Venue:- Campus 6)</b>	
<b>Time</b>	<b>Programs &amp; Venues</b>
8:00 AM - 9:00 AM	<b>Registration, Breakfast and Preparation</b>
9.00 AM-9.10 AM	<b>Lighting of Lamp</b> <b>Venue: Conference Hall 4, Campus 6</b>
9.15 AM-10.20 AM	<b>Keynote Talk 5: Dr. Debasish Das</b> (Amazon,India) <b>Topic:</b> “Designing High-Performance Distributed Systems In Cloud” <b>Venue:</b> Conference Hall 4, Campus 6

10.20 AM-11.30 AM	<b>ICDCIT Paper Presentation (DC Track-3)</b> <b>Venue: Conference Hall 4, Campus 6</b>				<b>SRS Inauguration</b>	<b>PIC</b>	<b>Hackathon</b>	
	Paper ID	Author	Title	Minute				
	59	Ajay Kshemkalyani, Manish Kumar, Anisur Rahaman Molla and Gokarna Sharma	Faster Leader Election and its Applications for Mobile Agents with Parameter Advice	25				
	46	Biswajit Bhowmik, Pawanesh Mishra, Rishi Mishra and Girish K K	Exploring Hidden Behaviors in OpenMP Multi-threaded Applications for Anomaly Detection in HPC Environments	15				
	68	Lorenzo Capra and Michael Kohler-Bussmeier	A “Symbolic” Representation of Object-Nets	15				
11:30 AM-12:00 Noon	<b>Tea Break</b>							
12:05 PM-12.35 PM	<b>Invited Speaker 2</b> <b>Prof. Arul Murugan N</b> (Indraprastha Institute of Information Technology, New Delhi) <b>Topic:</b> “Application of Physics-based and Data-driven approaches for Druggability Prediction” <b>Venue:</b> Conference Hall 4, Campus 6				12:05 AM-1.00 PM	<b>SRS</b>	<b>PIC</b>	<b>Hackathon</b>
1.00 PM - 2.00 PM	<b>Lunch Break</b>							
2:00 PM - 3:10 PM	<b>Keynote Talk 5: Prof. Giuseppe F. Italiano</b> (Deputy Rector in Artificial Intelligence and Professor of Computer Science at LUISS University, Rome, Italy) <b>Topic:</b> “Security and Privacy in Large Language and Foundation Models: A Survey on GenAI Attacks” <b>Venue:</b> Conference Hall 4, Campus 6							
3.20 PM-4.10 PM	<b>ICDCIT Paper Presentation (IT Track-3)</b> <b>Venue: Conference Hall 4, Campus 6</b>				<b>SRS</b>	<b>PIC</b>	<b>Hackathon</b>	
	Paper ID	Author	Title	Minute				
	117	Almira Asif Khan, Muhammed Muhammed, Asher Mathews Shaji, Devika Sujith, Aneesh Nath and Sandeep Udmale	InVideo Search: Scene Description Clustering and Integrating Image and Audio Captioning for Enhanced Video Search	25				

4.10P M- 4.40P M	<b>Tea Break</b>			
6.30P M- 8.00P M	<b>Town Hall, Best Paper Declaration and Awards</b>			

<b>Saturday, January 11, 2025 [Day: 4] (Venue:- Campus 6)</b>		
<b>Time</b>	<b>Programs &amp; Venues</b>	
8:00 AM - 9:00 AM	<b>Registration, Breakfast and Preparation</b>	
9.00 AM- 9.10 AM	<b>Lighting of Lamp</b> Venue: Conference Hall 4, Campus 6	
9.15 AM - 2.00P M	<b>Workshop</b> Venue: Computer Lab	<b>PIC Evaluation</b>
1.00 PM - 2.00 PM	<b>Lunch Break</b>	
4:30 PM - 6:00 PM	<b>FEEDBACK, VELEDICTORY CEREMONY, RESULTS of the Satellite Events</b>	
6:00 PM	<b>High Tea</b>	