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First International Conference on Computational Intelligence and Data Communication (ICCIDC 2025)

October 10-11, 2025

Holiday Inn Resort, Baruna, Bali, Indonesia

https://iccidc.com/

Tentative Program Schedule

Pre-Conference Keynotes

Day 0: 09 October 2025 (Thursday)	
Time in IST	**Activity (Online Mode)**
	Session 1 Link to join Session: https://tinyurl.com/mrz7n4h5 Moderator: Dr. Roshan Zameer Ahmed
9.00 to 9.15	Invited Speaker: Talk by Seema G. Aarella, Austin College, Sherman, Texas, USA
9.15 to 9.30	Invited Speaker: Talk by Arun Kumar Elengovan, Director of Engineering Security at Okta, Inc. San Francisco, USA
9.30 to 9.45	Invited Speaker: Talk by Balakrishna Pothineni, Independent Researcher, Frisco, Texas
9.45 to 10.00	Invited Speaker: Talk by Deepak Kole, Member of Technical Staff, eBay Inc, San Jose, California, USA
10.00 to 10.15	Invited Speaker: Talk by Durgaraman Maruthavanan, Associate Consultant, Lead Data Engineer, Tata Consultancy Services, Austin - TX
10.15 to 10.30	Invited Speaker: Talk by Girish Gajwani, Vice President, Technology at Barclays, New York
10.30 to 10.45	Invited Speaker: Talk by Isan Sahoo, Principal Member of Technical Staff, Oracle, Santa Clara, California, USA
10.45 to 11.00	Invited Speaker: Talk by Mayilsamy Palanigounder, Engineering Specialist Advisor, NTT Data, Plano, Texas, USA
11.00 to 11.15	Invited Speaker: Talk by Milan Parikh, Lead Enterprise Data Architect at Cytel, Richmond, TX
11.15 to 11.30	Invited Speaker: Talk by Naga Satya Praveen Kumar Yadati, Staff Software Engineer at Meta, Menlo Park, CA
11.30 to 11.45	Invited Speaker: Talk by Naveen Edapurath Vijayan, Head of Engineering, AWS Central Economic, Seattle Atlanta, WA

Session 2 Link to join Session: https://tinyurl.com/2t98kdsb
Moderator: Dr. Shaik

9.00 to 9.15	Invited Speaker: Talk by Pavan Nutalapati, Technical Leader at Oracle, California, USA
9.15 to 9.30	Invited Speaker: Talk by Rakesh Keshava, Security Architect At Okta Inc. San Francisco, USA
9.30 to 9.45	Invited Speaker: Talk by Rohit Nimmala, Senior Data Engineer at Bank of America, Charlotte, NC
9.45 to 10.00	Invited Speaker: Talk by Sharath Chandra Macha, Independent Researcher, Dallas, Texas
10.00 to 10.15	Invited Speaker: Talk by Venkat Nutalapati, Senior Software Engineer at Walmart Global Tech, California, USA
10.15 to 10.30	Invited Speaker: Talk by Vinay Soni, Staff Software Engineer at LinkedIn, Seattle, Washington, USA
10.30 to 10.45	Invited Speaker: Talk by Madhushree Kumari, IEEE Independent Researcher / IEEE Senior Member, Atlanta, USA
10.45 to 11.00	Invited Speaker: Talk by Mr. Ashok Gadi Parthi, Independent Researcher, Celina, Texas, USA
11.00 to 11.15	Invited Speaker: Talk by Abhi Desai, Pace University & New England College, USA
11.15 to 11.30	Invited Speaker: Talk by Sharath Reddy Venna, Senior Manager Regulatory - Operations/Informatics, Leadiant Biosciences, USA
11.30 to 11.45	Invited Speaker: Talk by Venkata Vijay K Paruchuru, Walmart Stores Inc., USA

Session 3 Link to join Session: https://tinyurl.com/mrxdeafs
Moderator: Dr. Sumaiya

12.15 to 12.30	Invited Speaker: Talk by Dr. Princy Randhawa, Dayananda Sagar University, Bengaluru, India
12.30 to 12.45	Invited Speaker: Talk by Nikhil Kassetty, IEEE Computational Intelligence Society, USA
12.45 to 13.00	Invited Speaker: Talk by Veerendra Nath Jasthi, AI/ML, USA
13.00 to 13.15	Invited Speaker: Talk by Mohan Sankaran, PayPal Inc., USA
13.15 to 13.30	Invited Speaker: Talk by Karthigayan Devan, Information Technology Inc., USA
13.30 to 13.45	Invited Speaker: Talk by Dr. Vathsala, Manipal College of Dental Sciences, Manipal, India
13.45 to 14.00	Invited Speaker: Talk by Lakshman Kumar Jamili, University of Missouri - Kansas City, USA
14.00 to 14.15	Invited Speaker: Talk by Gaurang Deshpande, Software Developer, IBM, USA
14.15 to 14.30	Invited Speaker: Talk by Deepak Singh, Principal Solution Architect, Gainwell Technologies, USA
14.30 to 14.40	Invited Speaker: Talk by Nikita Chawla, Director - Delivery & Product Management, Fidelity Inc., USA, IBM, USA
14.45 to 15.00	Invited Speaker: Talk by Ummer Khan Asif Bangalore Ghouse Khan, Associate General Manager, HCL Tech, USA
15.00 to 15.15	Invited Speaker: Talk by Mr. Naresh Regalla, Discover Financial Services, IL, USA
15.15 to 15.30	Invited Speaker: Talk by Ms. Swetha Sistla, FinTech & AI Solutions, USA

✿ **Conference Schedule Overleaf** ✿

Day 1: 10 October 2025 (Friday) (Hybrid Mode)		
Physical Session (Offline Participants at Holiday Inn Resort, Baruna, Bali, Indonesia)		
Time (Indonesian)	Venue	Activity
8.30 onwards	Registration Desk (Ground Floor, Holiday Inn Resort)	Registration
9.00 to 9.30	Peppercorn	Inauguration, Program Chair's Welcome Address, Dignitaries' Introduction & Release of Proceedings Online Streaming Link: https://youtube.com/live/OqTovs5iOsI
9.30 to 9.55	Peppercorn	Inaugural Keynote -1: *Dr. M Tanveer, Indian Institute of Technology (IIT), Indore, India*
9.55 to 10.20	Peppercorn	Inaugural Keynote -2: *Dr. Neetesh Kumar, Indian Institute of Technology (IIT), Roorkee, India*
10.20 to 10.35	Outside Peppercorn Hall	**Tea and Snacks Break** Menu: Samosa (non-veg) Mini pizza vegetarian (veg) Popcorn chicken (non-veg) Pandan cake (veg) Choco mouse (veg) Tea/Coffee
10.45 to 13.00	Peppercorn 1	Track 1 Session 1: Computational Intelligence Invited Keynote (10.45 – 11.00 AM): Dr. Ram Kumar Solanki, Associate Professor, MIT School of Computing Chief Coordinator – Office for International Affairs, MIT Art, Design and Technology University, Pune, India [Paper IDs ->42, 53, 78, 101, 102, 114, 115, 118, 119, 130, 139, 154] Session Chairs: M Tanveer, Indian Institute of Technology, Indore, India Bore Gowda, Manipal Institute of Technology, Manipal, India I Wayan Budi Sentana, Politeknik Negeri Bali; Indonesia Roshan Zameer Ahmed, Bangalore Integrated Management Academy, Bangalore
10.45 to 13.00	Peppercorn 2	Track 1 Session 2: Computational Intelligence Invited Keynote (10.45-11.00 AM): Dr. Rajesh Kumar Tiwari, Principal, RVS College of Engg. & Technology, Jamshedpur, Jharkhand, Visiting Professor, Daffodil International University, Dhaka, Bangladesh, Advisor, Jharkhand University of

		Technology, Ranchi, Jharkhand [Paper IDs ->161, 171, 197, 212, 255, 258, 284, 297, 330, 334, 335] Session Chairs: Neetesh Kumar, Indian Institute of Technology, Indore, India Balachandra Muniyal, Manipal Institute of Technology, Manipal, India Prabhat Dixit, Manipal University, Jaipur, India
13.00 to 14.00		Lunch Break and Networking Session Lunch Menu: (v=veg; nv=non-veg). Salad: Green salad. Soup: Tomato soup (v). Appetizer: Hara bara kebab (v), Chicken tikka (nv). Main course: Punjabi fish curry (nv), Chicken masala (nv), Dhal fry (v), Panner tikka butter (v),Vegetable subzi(v) Safron rice (v), Assorted naan (v), Mix vegetable raita (v). Dessert: Gajar halwa, Mix fruit Condiment: Papadum, mint chutney, onion chutney, mango chutney, Indian pickle. Drinks: Cold Drinks
14.00-15.30	Peppercorn 1	Track 1 Session 3: Computational Intelligence Invited Keynote (14.00 – 14.15 PM): Dr. G Subramanya Nayak, Professor, MIT Manipal, Karnataka, India [Paper IDs ->342, 356, 357, 375, 376] Session Chairs: Rajesh Kumar Tiwari, RVS College of Engg. & Technology, Jamshedpur, Jharkhand, India Mamatha Balachandra, Manipal Institute of Technology, Manipal, India Jagadeesha Chandra RB, Manipal Institute of Technology, Manipal, India
14.00-15.30	Peppercorn 2	Track 2 Session 2: Data Communication [Paper IDs -> 74,109, 134, 159, 172, 173, 293, 328, 333] Session Chairs: Ram Kumar Solanki, MIT Art, Design and Technology University, Pune, India I Wayan Budi Sentana, Politeknik Negeri Bali, Indonesia Dattatray Waghole, JSPM's Jayawantrao Sawant College of Engineering, Pune, Maharashtra, India
15.30-15.50	Outside Peppercorn Hall	Tea and Snacks Break Menu: Martabak vegetarian (veg)

		Pisang goreng keju (veg)
		Fruit tartlet (veg)
		Mini chicken sate (non-veg)
		BBQ Shrimps skewer (non-veg)
		Tea/Coffee
15.50-17.00	Peppercorn	**ISRLA Award Ceremony and Valedictory** **Online Streaming Link:** https://youtube.com/live/OqTovs5iOsl

Day 1: 10 October 2025 (Friday)

Online Session

Time (IST)	Mode	Activity
9.30 to 11.30	Online	**Track 1 Session 1: Computational Intelligence [Paper IDs -> 12, 13, 14, 22, 28, 30, 36, 37, 38, 39, 40, 49]** **Link to Join Session:** https://tinyurl.com/mr34xf59 **Session Chairs:** **Karthigayan Devan, Information Technology Inc., USA** **Mohan Sankaran, PayPal Inc., USA** **Mr. Ashok Gadi Parthi, Independent Researcher, Celina, Texas, USA**
9.30 to 11.30	Online	**Track 1 Session 2: Computational Intelligence [Paper IDs -> 51, 64, 66, 73, 77, 90, 95, 100, 107, 110, 112, 113]** **Link to Join Session:** https://tinyurl.com/ytktaph6 **Session Chairs:** **Princy Randhawa, Dayananda Sagar University, Bengaluru, India** **Gaggandeep Kaur, UPES, Dehradun, India**
9.30 to 11.30	Online	**Track 1 Session 3: Computational Intelligence [Paper IDs -> 123, 124, 126, 127, 128, 129, 131, 137, 138, 145, 148, 152, 162]** **Link to Join Session:** https://tinyurl.com/ycyrs7j8 **Session Chairs:** **Nikhil Kassetty, IEEE Computational Intelligence Society, USA** **Srikanth Bellamkonda , Barclays Services Corp, USA**
11.45 to 12.15	Online	Keynote by Dr. Haipeng Liu, Centre for Intelligent Healthcare, Coventry University, UK **Link to Join Session:** https://tinyurl.com/ycyrs7j8

12.20 to 12.50	Online	Keynote by Dr. Bal S Virdee, Director of the Centre for Communications Technology research group at London Metropolitan University, London, UK Link to Join Session: https://tinyurl.com/ycyrs7j8

Day 2: 11 October 2025 (Saturday) **Online Session**		
Time (IST)	**Mode**	**Activity**
9.30 to 11.30	Online	Track 1 Session 4: Computational Intelligence [Paper IDs -> 163, 164, 168, 176, 181, 182, 193, 196, 198, 201, 202, 205, 402] Link to Join Session: https://tinyurl.com/6n3b5ucn Session Chairs: Seema G. Aarella, Austin College, Sherman, Texas, USA Arun Kumar Elengovan, Director of Engineering Security at Okta, Inc. San Francisco, USA Santosh P Reddy, BNM Institute of Technology, Bangalore 560070, Karnataka, India Vikas Kumar, Manipal Institute of Technology, Manipal, India
9.30 to 11.30	Online	Track 1 Session 5: Computational Intelligence [Paper IDs -> 210, 211, 223, 225, 231, 232, 235, 237, 239, 242, 244, 245] Link to Join Session: https://tinyurl.com/2r4wtsbe Session Chairs: Balakrishna Pothineni, Independent Researcher, Frisco, Texas Deepak Kole, Member of Technical Staff, eBay Inc, San Jose, California, USA Priya Gupta, JNU, New Delhi, India Ritu Singhal, University of Delhi, India
9.30 to 11.30	Online	Track 1 Session 6: Computational Intelligence [Paper IDs -> 247, 250, 251, 252, 253, 254, 256, 260, 267, 268, 269, 270] Link to Join Session: https://tinyurl.com/3xf7kd7r Session Chairs: Durgaraman Maruthavanan, Associate Consultant, Lead Data Engineer, Tata Consultancy Services, Austin – TX Girish Gajwani, Vice President, Technology at Barclays, New York Isan Sahoo, Principal Member of Technical Staff, Oracle, Santa Clara, California, USA Sarvesh Kumar, ICFAI Jaipur, India
9.30 to 11.30	Online	Track 1 Session 7: Computational Intelligence [Paper IDs -> 273, 283, 289, 292, 296, 300, 301, 302, 304, 306, 310,

		312] Link to Join Session: https://tinyurl.com/5c8hjuzz Session Chairs: Mayilsamy Palanigounder, Engineering Specialist Advisor, NTT Data, Plano, Texas, USA Milan Parikh, Lead Enterprise Data Architect at Cytel, Richmond, TX Sameena Pathan, Manipal Institute of Technology, Manipal, India
9.30 to 11.30	Online	Track 1 Session 8: Computational Intelligence [Paper IDs -> 317, 320, 322, 325, 331, 332, 336, 337, 338, 346, 347, 348] Link to Join Session: https://tinyurl.com/bdef5mvb Session Chairs: Mayilsamy Palanigounder, Engineering Specialist Advisor, NTT Data, Plano, Texas, USA Naga Satya Praveen Kumar Yadati, Staff Software Engineer at Meta, Menlo Park, CA Roshan Zameer Ahmed, Bangalore Integrated Academy, Bangalore, India
11.30 to 14.00		Lunch Break
14.00 to 16.00	Online	Track 1 Session 9: Computational Intelligence [Paper IDs -> 353, 358, 364, 369, 372, 373, 374, 380, 386, 388, 390, 393, 401] Link to Join Session: https://tinyurl.com/6n3b5ucn Session Chairs: Naveen Edapurath Vijayan, Head of Engineering, AWS Central Economic, Seattle Atlanta, WA Pavan Nutalapati, Technical Leader at Oracle, California, USA Rakesh Keshava, Security Architect At Okta Inc. San Francisco, USA
14.00 to 16.00	Online	Track 2 Session 1: Data Communication [Paper IDs -> 10, 11, 20, 57, 58, 88, 89, 135, 189, 207, 214, 224] Link to Join Session: https://tinyurl.com/2r4wtsbe Session Chairs: Sharath Chandra Macha, Independent Researcher, Dallas, Texas Venkat Nutalapati, Senior Software Engineer at Walmart Global Tech, California, USA Vinay Soni, Staff Software Engineer at LinkedIn, Seattle, Washington, USA
14.00 to 16.00	Online	Track 2 Session 2: Data Communication [Paper IDs -> 230, 241, 243, 246, 248, 249, 271, 272, 274, 275, 276, 277]

		Link to Join Session: https://tinyurl.com/muyjfk2m **Session Chairs:** Madhushree Kumari, IEEE Independent Researcher / IEEE Senior Member, Atlanta, USA Sameena Pathan, Manipal Institute of Technology, Manipal, India Rohit Nimmala, Senior Data Engineer at Bank of America, Charlotte, NC
14.00 to 16.00	Online	Track 2 Session 3: Data Communication [Paper IDs -> 278, 279, 280, 281, 282, 298, 305, 309, 318, 327, 350, 370, 371] **Link to Join Session:** https://tinyurl.com/5c8hjuzz **Session Chairs:** Sumaiya Pathan, KLE Technological University, Hubballi, Dharwad, India Roshan Zameer Ahmed, Bangalore Integrated Management Academy, India I Wayan Budi Sentana; Politeknik Negeri Bali; Indonesia