Invitation

Department of Computer Science and Engineering
Cordially Invites you to

Second International Conference on
Networks & Soft Computing

ICNSoC - 2025
(Hybrid Mode)

12th -14th June 2025

Venue: NB-211 Seminar Hall,
N-Block, VFSTR, Vadlamudi

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Day 1 — 12th June 2025 — Programme Schedule

Time	Event Details
09:00 AM - 10:30 AM	**Registrations**
10:30 AM - 11:30 AM	**Inaugural Ceremony**
11:30 AM - 01:00 PM	**Invited Talk** **Dr. Salman Abdul Moiz** Professor, Department of CSE, University of Hyderabad. **Topic: Social and Ethical Dimensions of Modern Computing**
01:00 PM - 02:00 PM	**Lunch Break**
02:00 PM - 03:00 PM	**Invited Talk** **Mr. Bala Prasad Peddigari** Chief Innovation Officer, TCS, Hyderabad. **Topic: Anatomy of Agentic AI**
03:00 PM - 04:00 PM	**Invited Talk** **Mr. Sunil Kumar** CEO, Tech Cubes AI & Consultants, Hyderabad. **Topic: Multi-Agent Decision-Making in Agentic AI for Retrieval-Augmented Generation and Business Application Coordination using Soft Computing Techniques**
04:00 PM - 05:00 PM	**Keynote Address** **Prof. Anand Paul** Louisiana State University Health Sciences Center, USA **Topic: The Challenge of Human-Level AI: Bridging Symbolic Reasoning, Perception, and Learning**
02:00 PM - 05:00 PM	**Technical Presentation Sessions** **Session Chairs:** 1. Dr. Ramanujam E - NIT Silchar 2. Dr. Nagaraju Baydeti - NIT Nagaland 3. Dr. K. Venkatakrishna Rao - NIT Warangal 4. Dr. Earnest Paul Ijjina - NIT Warangal 5. Dr. Prema Mayudu B - Central University of Tamil Nadu 6. Dr. Victer Paul - IIIT Kottayam

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Day 2 — 13th June 2025 — Programme Schedule

Time	Event Details
09:00 AM - 10:30 AM	**Keynote Address** **Dr. P. Sreenivasa Kumar** Professor, Department of CSE, Indian Institute of Technology, Madras. **Topic: Ontologies and Their Role in AI Solutions**
10:30 AM - 11:45 AM	**Invited Talk** **Dr. K. Suganya Devi** Associate Professor, National Institute of Technology, Silchar. **Topic: Explainable AI in Healthcare and Its Applications**
11:45 AM - 01:00 PM	**Invited Talk** **Dr. U. S. N. Raju** Associate Professor, National Institute of Technology, Warangal **Topic: Quantum Computing for Image Processing**
01:00 PM - 02:00 PM	**Lunch Break**
02:00 PM - 03:30 PM	**Keynote Address** **Dr. Umapada Pal** Professor, Department of CSE, Indian Statistical Institute, Kolkata. **Topic: Heart Rate Estimation using Facial Image/Video Information**
03:30 PM - 04:30 PM	**Invited Talk** **Dr. Warusia Mohamed Yassin** UniversitiTeknikal Malaysia Melaka (UTeM) **Topic: Cracking Deepfakes Challenges in Detection**
02:00 PM - 04:30 PM	**Technical Presentation Sessions** **Session Chairs:** 1. Dr. U. S. N. Raju - NIT Warangal 2. Dr. Balaji Banothu - NIT Trichy 3. Dr. Anil Pinapati - NIT Calicut 4. Dr. K. Venkata Krishna Rao - NIT Warangal 5. Dr. K. Suganya Devi - NIT Silchar 6. Dr. P Srinivasan - NIT Silchar

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Day 3 | **14ᵗʰ June 2025** | **Programme Schedule**

Time	Event Details
09:00 – 10:15 AM	**Invited Talk** **Mr. Kiran Babu Macha** Senior Manager, Maximus Inc, USA **Topic: Mitigating Bias in Generative AI: The Role of Explainable AI for Ethical Deployment**
10:30 AM - 11:30 AM	**Invited Talk** **Mr. Navom Saxena** Senior Machine Learning Engineer, Meta Inc. **Topic: Sustainability through AI**
11:45 AM - 01:00 PM	**Keynote Address** **Prof. Xiao-Zhi Gao** University of Eastern Finland **Topic: Introduction to Nature-Inspired Computing Methods with Applications**
11:00 AM - 1:00 PM	**Technical Presentation Sessions** **Session Chairs:** 1. Dr. M. Shanmugam - Pondicherry University 2. Dr. Bulla Rajesh - IIIT Sricity 3. Dr. N. V. Raja Reddy - University of Saskatchewan, Canada 4. Dr. Karthik Kambhampati, Sunrun INC, Tampa, FL, USA 5. Dr. Arambam Neelima - NIT Nagaland
01:00 PM - 02:00 PM	**Lunch Break**
02:00 PM - 03:00 PM	**Invited Talk** **Dr. Ramesh Babu Battula** Associate Professor, MNIT Jaipur **Topic: AI and Security - Building the Intelligent and Secure Future**
03:00 PM - 04:00 PM	**Invited Talk** **Mr. Aditya Saladi** SDE II, Microsoft, Hyderabad **Topic: Building AI Agents for Enterprise**
04:00 PM - 05:00 PM	**Valedictory**