7th International Conference on Recent Trends in Advanced Computing (ICRTAC'24)

Theme: Automating Sustainability - Bridging SDG Goals with Recent Trends in Advanced Computing

Vellore Institute of Technology, Chennai
Agenda

Day 1	Nov 14, 2024 (Thursday)
8.00 am – 9.00 am	Registration @ VOC Auditorium, 5th Floor Admin Block
9:00 am – 10:15 am	**Inaugural function** **Chief Guest** **Mr. Muralidharan VM** **Chairman, Ethiraj College for Women, Chief Operating Officer, BahwanCyberTek Group** **Guest of Honour** **Mr. Jeyachandran KR** **Senior Vice-President, AI Labs @ C5i**
10:15 am – 10:30 am	**Tea break**
10.30 am -11.10 am	**Keynote session 1** **Title: The Art and Science of Sculpturing Intelligence into the Ecosystem of Network Tiers** **Prof. Dato' Dr. Shamala K. Subramaniam,** Professor & Dean Department of Communication Technology and Network, Faculty of Computer Science and Information Technology, Universiti Putra Malaysia, Malaysia
11:10 am – 11:50 am	**Keynote session 2** **Title: The Dawn of Agentic AI: Shaping Tomorrow's Automation** Mr. Jayachandran K.R Senior Vice-President, AI Labs, C5i, Bangalore.
11:50 am – 12.30 am	**Keynote session 3** **Ms. Bhavani G,** Scientist-F/Senior Director & Head Chennai Branch Office Bureau of Indian Standards
12.30 – 1.30 pm	**Lunch**
1.30 pm – 3.15 pm	**Paper presentation** – Online presentations
Track 1 **Artificial Intelligence**	**Meeting link:https://zoom.us/j/98880953516?pwd=5ZjSS43KdspgV39ubaI3ad8acy1wZL.1** **Passcode: 521341** **Session Chair 1: Dr. Vasanthi Govindaraja, Senior Software Engineer, National General, Dallas, Texas, USA** **Session Chair 2: Dr.Sunil Kumar.T, Associate Professor, University of Gavle Sweden** **Internal Evaluator: Dr. Asnath Victy Phamila Y, VIT Chennai** **Moderator : Dr. P.Prakash, VIT Chennai**
Paper IDs	**6, 41, 54, 55, 70,87,98**
Track 2 **Artificial Intelligence**	**Meeting link:https://zoom.us/j/95530730736?pwd=SdTc3l8lRjG23loxnA5bjaklv1Us0J.1** **Passcode: 789045** **Session Chair 1: Dr. Elakkiya R, BITS Pilani Dubai**

	Session Chair 2:Dr. Ramesh Ragala, Scientist, India Meteorological Department, Delhi Internal Evaluator: Dr. Muthumanikadan.V, VIT Chennai Moderator: Sujithra@Kanmani, VIT Chennai
Paper IDs	103, 106, 107, 130, 131, 151, 172
Track 3 **Artificial Intelligence**	**Meeting link:https://zoom.us/j/92459838100?pwd=LJMcBb58FEmtupKmyVOUcIbqHVzFV3.1** **Passcode: 604932** **Session Chair 1: Dr. Vedhapriya Vadana, University of the West of Scotland,UK** **Session Chair 2: Dr.Shomona, Bahrain Polytechnic, Kingdom of Bahrain** **Internal Evaluator: Dr. Christopher Columbus C, VIT Chennai** **Moderator: Dr. Madheshwari K, VIT Chennai**
Paper IDs	172, 200, 202, 248, 273, 275, 280
Track 4 **Artificial Intelligence**	**Meeting link:https://zoom.us/j/99281495749?pwd=ot86ZTzfLGmj2oADj8iuZMj1VqdOhT.1** **Passcode: 288501** **Session Chair 1:Dr.Ashwin Dobariya Marwadi University, Gujarat** **Session Chair 2:Ganapathy.S, NIITTR, Bhopal** **Internal Evaluator: Dr. Pradeep Kumar T S, VIT Chennai** **Moderator: Dr. Sherly A, VIT Chennai**
Paper IDs	315, 314, 316, 324, 243
Track 5 **Automation**	**Meeting link:https://zoom.us/j/91800048250?pwd=Yjlege6xBMYq32dzLtzPsSh6CBKtvH.1** **Passcode: 844690** **Session Chair 1: T.Senthil Kumar, Professor, Amrita School of Computing, Coimbatore** **Session Chair 2: Dr.S.Karthiga, Thiagarajar College of Engineering, Madurai** **Internal Evaluator: Dr. Dr. Umamaheswari E, VIT Chennai** **Moderator: Dr. L.K.Pavithra, VIT Chennai**
Paper IDs	67, 267, 317, 223, 194
	Offline Presentations
Track 10 **BIS**	**Venue: ADB-504** **Session Chair 1: Dr.Rajesh Kanna, Professor & Head, Rajiv Gandhi National Institute of Youth Development** **Session Chair 2: Dr. Lakshmi Priya, Jawaharlal Nehru University, Delhi** **Internal Evaluator: Dr. T.Subbulakshmi, VIT Chennai** **Moderator: Dr. Sudharson S,VIT Chennai**
Paper IDs	32, 212, 287, 93, 129, 295, 322
Track 11 **Artificial** **Intelligence**	**Venue: ADB-503** **Session Chair 1: Dr Seshu Babu, NITTTR Chennai** **Session Chair 2: Dr. Shriram K Vasudevan, FIE, FIETE, SMIEEE, Intel** **Internal Evaluator: Dr. R. Dhanalakshmi, VIT Chennai** **Moderator: Dr. Jannath Nisha, VIT Chennai**
Paper IDs	44, 86, 246, 101, 198, 211
3.15 pm – 3.30 pm	**Tea break**
3.30 pm – 4.30 pm	**Workshop 1:The AI PC - let's unleash the complete AI Potential** **Dr. Shriram K Vasudevan,** FIE, FIETE, SMIEEE Intel Certified Instructor NASSCOM External Maker Expert (XME) Former ACM Distinguished Speaker Intel Champion IoT Innovator NVIDIA DLI Instructor **AnishaUdayakumar, AI Software Evangelist at Intel** Intel, Chennai

Day 2	Nov 15, 2024 (Friday)
9.00 am – 9.45 am	**Keynote session 4** **Title:** AI for Healthcare - Opportunities with Clinical Language Understanding **Dr. SudarsunSanthiappan** Chief Scientific Officer and Co-Founder of Buddi.AI, Chennai, Tamilnadu

9.45 am – 10. 30 am	**Keynote session 5 (Online mode)** **Title:** Exploring Multi-Task Learning and Multi-View Learning: Strategies for Enhanced Model Performance **Dr. Sumitra.S** Associate Professor Department of Mathematics Indian Institute of Space Science and Technology Thiruvanandhapuram, Kerala
10.30 am -10.45 am	**Tea break**
10.45 am – 11.30 am	**Keynote Session 6** **Title: Empowering the Future: Building a Workforce** **Ready for the Age of Automation** **Mr. Abhijit Sreenivas,** **Senior Program Manager - UiPath Academic Alliance** **Program	Asia Pacific & Japan**
11.30 am – 12.30	**Workshop : 2** **Title: Exploring Research and Development Opportunities in the** **Standards Development Activities of the Bureau of Indian Standards (BIS)** **Mr. Rino John S,** **Scientist-D/Joint Director,** **Coimbatore Branch Office,** **Bureau of Indian Standards**
12.30 – 1.30 pm	Lunch
1.30 pm – 3.15 PM	Paper Presentations – Online mode
Track 6 **BIS**	**Meeting link:https://zoom.us/j/97663417193?pwd=axoZT3eRYl8XbhZi6VeTb8hXjw624S.1** **Passcode: 607700** **Session Chair 1: Dr. Bhanu Chander B, Anurag University, Hyderabad** **Session Chair 2: Dr.Geeta Santhosh, Prof & Head, FCA Acropolis Institute of Technology &** **Research AITR Indore, Madhya Pradesh** **Internal Evaluator: Dr. Manimegalai T, VIT Chennai** **Moderator: Dr. Prem Shankar N ,VIT Chennai**
Paper IDs	**25, 42, 59, 270, 272, 271**
Track 7 **Emerging** **Technologies**	**Meeting link: https://zoom.us/j/95413642207?pwd=jKj60LkiTSeGHI9Eeo4q8JuXZLC7kd.1** **Passcode: 152850** **Session Chair 1: Full Name: Dr. Pradeepta Kumar Sarangi, Chitkara University, Himachal** **Pradesh** **Session Chair 2: Dr Paras Kothari,Associate professor, University & Dept.Rajasthan** **Technical University Kota.** **Internal Evaluator: Dr. V. Manjula, VIT Chennai** **Moderator: Dr. Joe Dhanith P R, VIT Chennai**
Paper IDs	**15, 28, 69, 91,95, 100, 110**
Track 8 **Emerging** **Technologies**	**Meeting link:https://zoom.us/j/97168605856?pwd=lnjDOdZKxxy19CkgF262IIJCokcTKa.1** **Passcode: 822896** **Session Chair 1:Dr. A.M. Abirami Thiagarajar College of Engineering, Madurai** **Session Chair 2: Dr. Harshal A. Arolkar, University & Dept. Professor & Head,** **GLS University** **Internal Evaluator: Dr. Santhi V, VIT Chennai** **Moderator: Dr. Selvam, VIT Chennai**
Paper IDs	**112, 169, 205, 261, 232, 255, 256**
Track 9 **Emerging** **Technologies**	**Meeting link:https://zoom.us/j/93795517235?pwd=tPKXIlpbJOHoAaL8oPDreAxaf6v1pO.1** **Passcode: 660088** **Session Chair 1: Dr. Senthilvelan S, CMR Institute of Technology, Bangalore** **Session Chair 2: Dr. Cinu C Kiliroor, IIIT Kotayyam** **Internal Evaluator: Dr. Priyadarshini J, VIT Chennai** **Moderator: Dr.Aswiga, VIT Chennai**
Paper IDs	**257, 260, 263, 268, 321, 305, 310**
Track 12 **Emerging** **Technologies**	**Venue: ADB – 504** **Session Chair 1: Dr. Lakshmi Priya, Jawaharlal Nehru University, Delhi** **Internal Evaluator: Dr. Thomas Abraham, VIT Chennai**

	Moderator: Dr. Saraswathi D, VIT Chennai
Paper IDs	**39, 57, 120, 327**
Track 13 Emerging Technologies	**Venue: ADB - 503** **Session Chair 1: Assoc. Prof. Dr. Hazura Zulzalil, Deputy Dean (Academic, Student Affairs and Alumni), Faculty of Computer Science and Information Technology, Universiti Putra Malaysia** **Session Chair 2: Mr. Abhijith.S, UI Path** **Internal Evaluator: Dr. N.Ganesh, VIT Chennai** **Moderator: Dr. Indira B, VIT Chennai**
Paper IDs	**157, 192, 245,326**
3:15 – 3:30 pm	**Tea break**
3. 30 pm – 4. 30 pm	**Valedictory function** **Ms. Gayatri Balakrishnan,** **Director, Software Engineering,** **Visa Inc., Bangalore**