ICDMAI 2024

8th INTERNATIONAL CONFERENCE ON DATA MANAGEMENT, ANALYTICS AND INNOVATION

(19-21 January 2024)

Venue: Vellore Institute of Technology, Vellore

Date/Time	Min(s)	Pre Conference Workshop / Tutorial	Venue: Dr. Ambedkar Auditorioum

FRIDAY 19-January 2024

Date/Time	Min(s)	Pre Conference Workshop / Tutorial	Venue: Dr. Ambedkar Auditorioum
09:00 - 10:00	60	Registration and Networking
10:00–11:00	60	Workshop - **Dr. Seema Purohit**, *Professor Emeritus, Birla College of Arts, Science and Commerce* Topic: **Software for Digital Scholarship - JAMOVI**
11:00 - 12:00	60	Tutorial - **Mrityunjoy Panday**, *AI Architect, Cognizant Technology Solutions* Topic : **LLM Autonomous Agents**
12:00-12:15	15	Tea Break
12:15 - 13:15	60	Tutorial - **Ramesh Srinivasan** , *Head, Data & Analytics for AWS Business unit, Tata Consultancy Services* Topic: **Navigating the Data Landscape with Data Mesh and AWS DataZone**
13:15 - 14:15	60	Lunch Break
14:15-15:15	60	Tutorial - **Amarjeet Sharma**, *Senior Technical Officer, C-DAC Patna* Topic: **Empowering Patient-Centered Care: Innovating Healthcare Diagnostics with AI and Data Insights**
15:15 - 16:15	60	Tutorial - **Pradheep Kumar**, *BIT Pilani, Chennai* Topic : **Quantum Machine Learning Applications for Quantum Data sets**
16:15 -16:30	15	Tea Break
16:30 - 17:30	60	Workshop - **Aryan Shrivastava,** *IoT Systems Engineer, Leap and Scale* Topic: **Collection and Management of Data for Analytics**
17:30 -17:45	15	Session Snapshot and Networking

ICDMAI 2024 - Day 1 | Venue: Dr. Ambedkar Auditorioum

SATURDAY 20-January-2024

Date/Time	Min(s)	Venue	TT - 311	TT - 312	TT - 707	TT - 725	TT - 513
09:00 - 09:30	30		Registration & Networking				
09:30 - 09:50	20		Keynote Address 1: **P. G. Sankaran**, *Vice Chancellor, Cochin University of Science and Technology, Cochin* Topic: **Semiparametric regression analysis of panel count data with multiple modes of recurrence**				
09:50 - 10:00	10		**Move to Chennareddy Auditorium for Inaguration**				
10:00 - 11.30	90		**Inaguaral Function**				
11:30 - 11:50	20		**Tea Break and Back to Dr Ambedkar Auditorium**				
11:50 - 12:10	20		Keynote Address 2: **Prof. Dr. Ho Chin Kaun,** *Vice Chancellor, Asia Pacific University of Technology and Innovation, Kuala Lumpur, Malaysia* Topic: **Data Science for Social Good: A Journey through Impactful Projects**				
12:10 - 12:15	05		Move to Respective Tracks at Technology Tower (TT)				
12:15 - 13:45	90	Session 1	**Track 1 A** MACHINE LEARNING	**Track 1 B** MACHINE LEARNING	**Track 2 A** AI & DEEP LEARNING	**Track 2 B** AI & DEEP LEARNING	**Track 5** DATA ANALYTICS & UTILITY APPLICATION SERVICES
13:45 - 14:30	45		Session Snapshot	Networking	Lunch				
14:30 - 14:50	20		Keynote Address 3: **Aditya Sinha**, *Director at C-DAC Patna & C-DAC Kolkata	Scientist 'G'	MeitY, Government of India* Topic: **Data Enlightenment and Philosophical Landscape of Contemporary Analytics**				
14:50 - 15:10	20		Keynote Address 4: **Mr. Prashant Joshi**, *Founder and Director-Leap & Scale* **Topic: Unveiling the Power of Right-sized Data in Industrial IoT: Driving Precision and Immediate Impact**				
15:10 - 15:50	40		Panel Discussion 1: **Examining the Confluence of Data Science, Educational Assessment, and AI - A technohumanity view** Moderator -**Mr. Prashant Joshi**, *Founder & Director, Leap & Scale* Panelist: **Dr. P. K. Sinha**- *Vice Chacellor, IIIT Naya Raipur* **Dr. C. P Ramanarayan**, *Vice Chancellor, Defense Institute of Advanced Technology* **Prof. Dr. Ho Chin Kaun,** *Vice Chancellor, Asia Pacific University of Technology and Innovation, Kuala Lumpur, Malaysia* **P. G. Sankaran,** *Vice Chancellor, Cochin University of Science and Technology, Cochin*				
15:50 - 16:05	15		Session Snapshot	Networking	Tea Break				
16:05 - 17:35	90	Session 2	**Track 1 C** MACHINE LEARNING	**Track 1 D** MACHINE LEARNING	**Track 2 C** AI & DEEP LEARNING	**Track 2 D** AI & DEEP LEARNING	**Track 4** ENABLING TECHNOLOGIES AND APPLICATIONS
18:15 - 20:30			**Cultural Programme & Gala Dinner** Venue: Dr. M Chenna Reddy Auditorium (MGR Block), VIT-Vellore				

ICDMAI 2024 - Day 2 | Venue: Dr. Ambedkar Auditorioum

SUNDAY 21-January-2024

Date/Time	Min(s)	Venue	TT - 311	TT - 312	TT - 707	TT - 725	TT - 513
09:00 - 09:30	30		Registration & Networking				
09:30 - 09:50	20		Plenary Session 1: **Alfred M. Bruckstein,** *Technion - Israel Institute of Technology, Israel* Topic: **Decentralized and Distributed Task Allocation in Autonomous Swarms**				
09:50 - 10:10	20		Plenary Session 2: **Amir H Gandomi,** *Professor of Data Science at University of Technology Sydney, New South Wales, Australia* Topic: **Evolutionary Intelligence for Data Analytics**				
10:10 - 10:30	20		Keynote Address 5: **Pethuru Raj,** *Vice President and Chief Architect, Edge AI Division, Reliance Jio latforms Ltd., Bangalore* Topic: **Edge AI for Real-time and Intelligent Industrial Applications and Services**				
10:30 - 10.50	20		Keynote Address 6: **Sabyasachi Mukhopadhyay**, *Centre For Computational And Data Sciences, IIT Kharagpur* Topic: **GPTFX: A Novel GPT-3 Based Framework for Mental Health Detection and Explanations**				
10:50 - 11:20	30		Panel Discussion 2: **Ethical Considerations in the Era of AI Creativity** Moderator -**Dr.Yumnam Jayanta Singh,** *Executive Director, National Institute of Electronics and Information Technology, Govt. of India, Guwahati* Panelist: **Pethuru Raj,** *Vice President and Chief Architect, Edge AI Division, Reliance Jio latforms Ltd., Bangalore* **Sabyasachi Mukhopadhyay,** *Centre For Computational And Data Sciences, IIT Kharagpur* **Aditya Sinha,** *Director at C-DAC Patna & C-DAC Kolkata	Scientist 'G'	MeitY, Government of India*				
11:20-11:30	10		Session Snapshot	Networking	Tea Break				
11:30 - 12:30	60	Session 3	**Track 2 E** AI & DEEP LEARNING	**SP 1** 6G Communication Technologies in Amalgamation with ML Techniques	**Track 5** DATA ANALYTICS & UTILITY APPLICATION SERVICES	**Track 4** ENABLING TECHNOLOGIES AND APPLICATIONS	**SP 2** Health Analytics:From Data to Insights
12:30 - 13:15	45		Session Snapshot	Networking	Lunch Break				

Valedictory Session | Venue: Dr. Ambedkar Auditorioum

Time	Duration	Description
13:15 - 13:35	20	Valedictory Talk by the Chief Guest : **Valentina E. Balas,** University from Arad, Romania Topic: **Moore's Laws and Their Impact on Higher Technical Education: Exploring Implications**
13:35 - 13:55	20	**Awards Distribution Ceremony**
13:55 - 14:05	10	Conference Summarization and Future Direction by **Dr. P. K. Sinha, General Chair, ICDMAI 2024**
14:05 - 14:10	5	Vote of Thanks
14:10 - 14:15	5	Certificate Distribution