



AMITY SCHOOL OF  
ENGINEERING & TECHNOLOGY  
DEPARTMENT OF INFORMATION TECHNOLOGY

Presents

# InCITe-2024

6<sup>th</sup> -7<sup>th</sup> March 2024

## 4th INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY

ADAPTIVE INTELLIGENCE: EVOLVE YOUR WORLD

PROGRAM SCHEDULE

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## PROGRAM SCHEDULE

### Day 1: Wednesday, March 6, 2024

**09:15 AM - 9:45 AM (Room 1: F3 MDP Room)**

**Keynote Talk : AI and Music: Why can't computers learn to write songs**

Prof. (Dr.) Roger B. Dannenberg, Professor Emeritus of Computer Science, Art & Music, Carnegie Mellon University, USA

**10:00 AM - 12:00 PM (I2 - Moot Court)**

**INAUGURAL SESSION**

**12:00 PM - 12:15 PM**

**High Tea**

**12:15 PM- 01:15 PM (Room 1: F2 Auditorium)**

**She Speaks Power: Innovative Journey of Women Leaders**

- Prof. (Dr.) Balvinder Shukla, Vice Chancellor, Amity University Uttar Pradesh, Noida
- Dr. (Smt.) N. Ranjana, Scientist 'H' and Director, Directorate of Futuristic Technology Management, DRDO
- Ms. Rachna Bhanot, Chief of Staff, Office of Managing Director, IBM India
- Prof. (Dr.) Arvinder Kaur, Dean, University School of Automation & Robotics & University School of Design & Innovation, Guru Gobind Singh Indraprastha University, Delhi
- Ms. Swati Meherishi, Editorial Director, Springer Nature
- Ms. Priyanka Bisht, Senior Programme Manager, Sector Skill Council, nasscom

**12:15 PM - 01:15 PM (F3 LG-04-B)**

**Paper Presentation Track 1: Image Processing & Cognition Systems**

- Session Chair : Dr. Naresh Kumar, University of Nizwa, Oman
- Session Co-chair : Dr. Purushottam Sharma, Amity University Uttar Pradesh, Noida

**ID 26 Improved Object Detection with YOLOv3 using Blur Images**

Manisha Bharti, Sandeep Kumar, Pranshu Upadhyay, Piyush Ranjan, Kritika Upadhyay, National Institute of Technology, Delhi

**ID 171 Preemptive Diagnosis of Parkinson's Disease through DaT Scans using InceptionV3-based Convolutional Neural Networks**

Ashmita Appineni, Aditya Gupta, Stanford University, USA

**ID 466 Exploring Defect Density Prediction: A Comparative Analysis of Feature Selection Techniques and Stacking Methodology**

Jasmeet kaur, Arvinder kaur, Guru Gobind Singh Indraprastha University, Delhi

**ID 166 Intelligent Roadway Monitoring: C-ELM Approach for Pothole Classification**

Navpreet, Rajendra Kumar Roul, Rinkle Rani, Thapar University, Patiala

**ID 111 Advancements in Iris Recognition: A Comprehensive Review for Biometric Systems**

Pooja Rai, Priyesh Kanungo, Institute of Engineering & Technology, DAVV, Indore, Madhya Pradesh

**ID 122 Novel CBIR System for Color Logo Image Retrieval by Feature Fusion Technique**

Latika Pinjarkar, Rajesh Tiwari, Pritee Parwekar, Poorva Agrawal, Gagandeep Kaur, Vedant Pinjarkar, Symbiosis Institute of Technology, Nagpur

**ID 449 Automated Animal Intrusion Detection: A Deep Learning Approach**

Amogh Gupta, Sanjeev Sharma, Manan Mangal, Indian Institute of Information Technology, Pune

**ID 398 An Empirical Review of Machine Learning Algorithms for Heart Disease Diagnosis**

Lokesh Singh, Deepti Sisodia, Saroj Kumar Pandey, Pushpendra Dwivedi, Taranath N L, Alliance University, Bangalore

**ID 407 ML based multi class and hierachcial classification frameworks for DDSM images**

Jyoti Rani, Jaswinder singh, Jitendra Virmani, Maharaja Ranjit Singh Punjab Technical University, Bathinda

**01:15 PM - 02:00 PM**

**LUNCH BREAK**

**02:00 PM - 02:30 PM (Room 1: F3 Seminar Hall)**

**Keynote Talk : Generative AI and the potential of open-source Large Language Models**

Dr. Jean-Paul Van Belle, Professor, Centre for IT and National Development in Africa, University of Cape Town, South Africa

**02:00 PM - 02:30 PM (Room 2: F3 MDP)**

**Keynote Talk : Artificial Intelligence for Biometric Technologies**

Dr. Ruggero Donida Labati, University of Milan, Italy

**02:00 PM - 03:30 PM (F3 LG-04-B)**

**Paper Presentation Track 2: Adaptive Intelligence for Decision Making**

- Session Chair: Dr Sanjay Sharma, Gautam Buddha University, Noida
- Session Co-chair : Dr. Renuka Nagpal Arora, Amity University, Uttar Pradesh, Noida

**ID 49 Comparative study on the working of Pre-Trained Encoder-Decoder Models and Large Autoregressive Language Models (LLaMA2-13b-chat) for Abstractive Text Summarization**

Niranjana Sowpari, Poonam Bansal, Indira Gandhi Delhi Technical University for Women, New Delhi

**ID 68 Perceptions of Educators on the Use of Text-generative AI in South African Higher Education**

Max Coleman, Jean-Paul Van Belle, University of Cape Town, South Africa

**ID 86     Connecting Code Smells with Machine Learning for Predicting Software Reliability Classes**

Aakanshi Gupta, Nidhi Mishra, Ashok Kumar Yadav, Deepesh Bhardwaj, Amity University Uttar Pradesh, Noida

**ID 101    Personality Profiling From Tweets Using Machine Learning**

Rashi Agarwal, Supriya Raheja, Lovely Gupta, Amity University, Uttar Pradesh, Noida

**ID 77     Towards Equipping Youth in Developing Countries with IoT Skills Related to Smart Farming**

Gordon Fleming, Marita Turpin, Nitasha Hasteer, University of Pretoria, South Africa

**ID 137    Plant Leaf Disease Detection using a Hybrid Model**

Shubhangi Gupta, Alok Dwivedi, Purushottam Sharma, Amity University, Uttar Pradesh, Noida

**ID 177    Too Big to Fail – Study on Indian Digital Banking Apps Service Quality: Text Mining Approach**

Puneett Bhatnagar, Anupama Rajesh, Richa Misra, Jaipuria Institute of Management, Noida

**ID 97     A Comparative study on stock market prediction using machine learning algorithms**

Balwinder Kaur Dhaliwal, Pooja Mudgil, Anshul Aggarwal, Varsha Sharma Vivek Bhardwaj, Lovely Professional University, Punjab

**ID 343    Detection of Dysgraphia through Convolution Neural Networks**

Kavya Sharma, Ritesh Rajpurohit, Shreeram Ranjan Das, Deepti Mehrotra, Anuranjana, Amity University Uttar Pradesh, Noida

**ID 518    Real-Time Voice Cloning: Artificial Intelligence to Clone and Generate Human Voice**

Abhijeet Kumar Patel, Hardik Madnani, Sambhav Tripathi, Purushottam Sharma, Amity University Uttar Pradesh, Noida

**02:30 PM - 03:00 PM (Room 1: F3 Seminar Hall)**

**Invited Talk : Prompt Engineering when using Generative AI**

Dr. Marita Turpin, University of Pretoria, South Africa

**02:30 PM - 03:00 PM (Room 2: F3 MDP)**

**Keynote Talk : AI for Precision Healthcare**

Prof. (Dr.) Maia Angelova, Professor, Aston University, Birmingham, UK

**02:00 PM - 03:30 PM (Room 3: F2 Auditorium)**

**Industry Leadership Forum : Leading Technologies and Future Directions for Next-Generation Engineering Innovators**

- Mr. Shaakun Khanna, Vice President, Oracle Corporation
- Ms. Manisha Shrikant Dhure, Principal Customer Success Account Manager, Microsoft
- Mr. Sanjeev Kaushik, Head Cybersecurity-CISO, Adani Airport Holdings Ltd
- Ms. Renu Bisht, Director HR, RI RCM Global Pvt. Ltd.
- Mr. Mobin Joseph, Portfolio Leader – Product Lifecycle Management, Siemens Digital Industries Software
- Mr. Prabhat Kumar, Senior Director, Infosys

**03:00 PM - 03:30 PM (Room 2: F3 MDP)****Keynote Talk : People Powered AI - Challenges and Opportunities in Responsible AI Development**

Prof. (Dr.) Keeley A Crockett, Manchester Metropolitan University, UK

**03:30 PM - 04:00 PM (Room 2: F3 MDP)****Keynote Talk : Health Informatics: The Data Awakens**

Prof. (Dr.) Bjorn W. Schuller, Imperial College, London U.K.

**04:00 PM - 04:30 PM (Room 2: F3 MDP)****Keynote Talk : Deep Learning for Hematopathology**

Prof. (Dr.) Angelo Genovese, University of Milan, Italy

**04:30 PM - 05:00 PM (Room 2: F3 MDP)****MoU Signing Ceremony****03:30 PM - 05:00 PM (F3 LG-04-A)****Paper Presentation Track 3: System Design and Modeling**

- Session Chair: Dr Pradeep Tomar, Gautam Buddha University, Noida
- Session Co-chair : Dr. Deepti Mehrotra, Amity University, Uttar Pradesh, Noida

**ID 238 Comparative Analysis of Low-Noise Power Efficient Instrumentation Amplifier for Bio-Medical Application**

Ravi Bamnavat, Sandeep Singh Gill, Balwinder Raj, Banoth Krishna, National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh

**ID 243 Adaptive Intelligence Blueprint: Crafting an Effective Telemedicine Model for Future Healthcare**

Repu D Chand, Ranjana Rajnish, Hem Chandra, P K Pradhan, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow

**ID 253 EMG Based Classification Model for Arm Movement**Saraswati Patil, Deepak Mane, Akash Sinha, Vishal Sirvi, Shreyansh Srivastava  
Department of Computer Engineering, Vishwakarma Institute of Technology, Pune, India**ID 298 A Significant Study on Huber Loss Robust and Quantile Regression Models for Skewed Distributions**

Sanjith B Nair, Dhananjay Yadav, Naresh Kumar, University of Nizwa, Oman

**ID 330 Coral Reef Species Detection with a Modified Xception based Model**

Neeraj Kumar Gautam, Mayank Mishra, Umesh Chandra Pati, National Institute of Technology, Rourkela

**ID 334 WADCAT : Web Application for Data Collection and Analysis of Topics**

Abhishek Shukla, Nitisha Aggarwal, Unmesh Shukla, Geetika Jain Saxena, Sanjeev Singh, Amit Pundir, University of Delhi, Delhi

**ID 94 Automatic Drowsiness Detection To Minimize Road Accident**

Saumitra Chattopadhyay, Ashok Kumar Sahoo, Navin Garg, Abhishek Kumar Pathak,  
Graphic Era Hill University, Dehradun

**ID 336 NIFTY 50 Stock Price Prediction Using Machine Learning Techniques and  
Technical Indicators**

Aayush Dhondiyal, Darshit Chauhan, Geetika Munjal, Amity University, Uttar Pradesh, Noida

**ID 513 Efficient Light Gradient Boosting Machine (LGBM) Framework for Early-  
Stage Diagnosis of Alzheimer's Disease**

Roopalakshmi R, Samana Nagendran, Sreelatha R Jayashankar, Manipal Institute of Technology,  
MAHE, Karnataka

**ID 163 Image Caption Generator using Multimodal Techniques**

Akash Singh, Preeti Dubey, Garima Narayan, Priyanka Singh, Sharda University, Greater Noida

**ID 520 Optimizing Disaster Recovery: A Comprehensive Study on Global Server Load  
Balancing in Network Solutions**

Anjani Kumar Malik, Mukesh Mann, Centre For Railway Information Systems, Indian Institute of  
Information Technology Sonepat

**ID 125 Integrated Industrial Supply Chain with Intelligent Decision-Support Tools to  
achieve the Sustainable Developments Goals**

Rajender Kumar, Punj Lata Singh, Rahul Sindhwani, Sushant, MRIIRS, IIM Sambalpur

**3:30 PM- 5:00 PM (F3 LG-04-B)**

**Paper Presentation Track 4: Intelligent Networks and Security**

- Session Chair : Dr. Mukesh Mann, Indian Institute of Information Technology, Sonepat
- Session Co-chair : Dr. Sujata Pandey, Amity University, Uttar Pradesh, Noida

**ID 28 Secure probabilistic key establishment based on hashing for the Internet  
Integrated Sensor Network**

Priyanka Ahlawat, National Institute of Technology, Kurukshetra

**ID 50 A High QoS Cluster Routing Scheme for Wireless Sensor Networks in Smart  
Agriculture Application**

Abhishek Gupta, Devendra Kumar Sharma, D. N. Sahai, Bharat Sanchar Nigam Limited,  
SRM Institute of Science and Technology, NCR Campus, Ghaziabad

**ID 79 Malware Analysis Using AI**

Taher K Kapadia, Bhaumik Hitesh Thakker, Vedangi N Gupte, Tushar Sawant,  
Dwarkadas J Sanghvi College of Engineering, Mumbai

**ID 109      Federated Learning Based Intrusion Detection System For Healthcare Domain**

Md Abu Talha Reyaz, Vanitha Veerasamy, Rajathi N, Kumaraguru College of Technology, Coimbatore

**ID 200      Emerging UAV Applications of FSO Communication Technology: A Detailed Review**

Ritu Gupta, Parveen Kumar Bajaj, Gaurav Aggarwal, Chandigarh University, Chandigarh

**ID 202      Exploring the Impact of Technology Adoption on Customer Satisfaction in the Hotel Industry of Madhya Pradesh**

Robin Sharma, Ashutosh Pareek, Abhinav Nigam, Amity University, Dubai

**ID 208      A Compact Multiband Monopole Antenna for WLAN/WiMAX/X-Band Applications**

Nikita Singh, Chandan kumar, Ashutosh Kumar Singh, I.E.T. Dr. Rammanohar Lohia Avadh University, Ayodhya

**ID 274      Intrusion Detection and Prevention System for Smart IoT Network**

Richa Singh, R.L. Ujjwal, University School of Information, Communication and Technology, Guru Gobind Singh Indraprastha University, Delhi

**ID 132      Robust Data Hiding for High Fidelity JPEG Images Over Social Networking Platforms**

Rakesh Kumar, Savina Bansal, Rakesh Kumar Bansal, Giani Zail Singh Campus College of Engg & Tech, Maharaja Ranjit Singh Punjab Technical University, Bathinda

**ID 512      Enhancing Banking Security with Leveraging Random Forest and Gaussian Naive Bayes for Account Fraud Detection**

Astha Vashistha, Anoop Tiwari, Paritosh Kumar Yadav, National Institute of Technology, Raipur

**ID 467      Exploring the Nexus of Deepfakes and VFX Technology: Unveiling Insights, Challenges, and Innovations**

Prashant Vats , Ajay Kumar Phogat , Surabhi Shanker, Govind Murari Upadhyay, Manipal University, Jaipur, Rajasthan

**ID 104      Development of ML Model For Road Lane Line Detection In Self Driving Cars by Using Concept of Computer Vision Techniques**

Ajit M Hebbale, Keerthana Chigateri, Nitte Mahalinga Adyanthaya Memorial Institute of Technology, Karnataka

**ID 182      Unmanned Surface Vehicles Detection in Sea Areas using Focus and Attention Mechanism based Yolov8x Algorithm**

Nirmala Devi M, Thiagarajar College of Engineering, Tamil Nadu

**05:00 PM - 05:15 PM**

**High Tea**

## Day 2: Thursday, March 7, 2024

**09:15 AM - 09:45 AM (Room 1: F1 MDP Hall)**

**Keynote Talk: Reliability Monitoring on Edge Computing**

Prof. (Dr.) Mario Jose Divan, Sr. Solutions Architect and Service Lead, Intel Corporation, USA

**09:15 AM - 09:45 AM (Room 2: F3 MDP Hall)**

**Keynote Talk: Addressing Reliability for Deep Learning**

Dr. Zhongfei (Mark) Zhang, Professor, Binghamton University, USA

**09:45 AM - 10:15 AM (Room 1: F1 MDP Hall)**

**Keynote Talk: Global Warming's Influence on Temperature Increase**

Dr. Wisam Bukaita, Professor, Lawrence Technological University, USA

**09:45 AM - 10:15 AM (Room 2: F3 MDP Hall)**

**Keynote Talk: Federated Learning for Data Privacy**

Prof. (Dr.) Gautam Sivasatava, Professor, Brandon University, Canada

**09:30 AM- 11:00 AM (Room 1: F1 Seminar Hall)**

**Paper Presentation Track 5: Artificial Intelligence & Machine Learning**

- Session Chair: Dr. Jitendra Kumar Samriya, Indian Institute of Information Technology, Sonepat
- Session Co-chair : Dr. Sindhu Hak, Amity University, Uttar Pradesh, Noida

**ID 78 Anomaly Detection using Embedded AI**

Savitrei Jadhav, Nathrao Bhimrao Jadhav, MIT World Peace University, Pune

**ID 93 Sarcasm Detection in Breaking News: Evaluating Official and Satirical Headlines**

Vipul Devendra Punjabi, Rajesh Kumar Shukla, B. V. Kiranmayee, R. C. Patel Institute of Technology, Shirpur, Maharashtra

**ID 102 Analyzing Sentiments of YouTube Comments using TextBlob and Machine Learning Algorithms**

Akansha Kumar, Shweta Singhal, Arun Sharma, Indira Gandhi Delhi Technical University for Women, Delhi

**ID 114 Analysis and Design of Software Effort Estimation Model using Machine Learning Techniques: A Systematic Literature Review**

Jyoti Kaushik, Om Prakash Sangwan, Guru Jambheshwar University, Hisar, Haryana

**ID 142 Automatic Text Summarization using Graph Based Recurrent Attention Model (GBRAM)**

Sandeep Kumar Hegde, Rajalaxmi Hegde, Nitte Engineering College, Mangalore

**ID 152 Optimization Of Machine Learning With Feature Selection Techniques in Autism Spectrum Disorder Detection**

Nivetha R, Rajathi N, Vanitha Veerasamy, Kumaraguru College of Technology, Coimbatore

**ID 263 A Multidimensional Journey through Neuroimaging and Advanced Machine Learning for Alzheimer's disease Diagnosis**

Hardeep Kaur, Anil Kumar, Varinder Kaur Attri, Guru Nanak Dev University, Amritsar

**ID 323 AI-Driven DevOps: A Tool Selection Guide**

Monika Sharma, Merin Ben, Aswathy C, Adarsh Mehrotra, Infosys Limited

**ID 266 Customer Segmentation with RFM Analysis using Support Vector Machine**

Rupal A Kapdi, Kuheli Bose, Jigna Patel, Jitali D Patel, Nirma University, Gujarat

**ID 454 Enhancing Customer Engagement through Generative AI-Driven Predictive Marketing - A Bibliometric analysis**

Ruby Soni Chanda, Reena Lenka, Symbiosis Institute of Management Studies, Symbiosis International University, Pune

**ID 285 Semi-Occluded Fire Detection In Buildings Through Deep Learning Approaches**

Rudresh D Shirwaikar, Ashish Narvekar, Alister Anthony Alex Hosamani, Kristopher Xavier Fernandes, Kajal A Tak, Vaibhavi V Parab, Agnel Institute of Technology and Design, Goa

**ID 335 Advancements in Curvature Optimization for Millimeter-Wave Antennas in Cutting-Edge Communication Systems**

Sneha Tiwari, Birla Institute of Technology Mesra

**10:15 AM - 10:45 AM (Room 1: F3 Seminar Hall)**

**Keynote Talk: AI - The path to Industry 5.0**

Prof. (Dr.) Sean Mcloone, Director, Centre for intelligent and Autonomous Manufacturing Systems, Queen's University, Belfast, UK

**10:15 AM - 10:45 AM (Room 2: F3 MDP Hall)**

**Keynote Talk: Artificial Intelligence and Health**

Dr. Sandhya Samarasinghe, Professor & Head, Complex Systems, Big Data and Informatics Initiative (CSBII), Lincoln University, New Zealand

**10:45 AM - 11:15 AM (Room 1: F3 Seminar Hall)**

**Invited Talk: Intelligent Automotive Systems: Semiconductor Perspective**

Dr. Prateek Sikka, Sr. Group Manager | Systems Architecture | Automotive and Discrete Business Group, STMicroelectronics Pvt. Ltd

**10:45 AM - 11:15 AM (Room 2: F3 MDP Hall)**

**Keynote Talk: Smart Infrastructure for Effective multi-cloud collaboration**

Prof. (Dr.) Ashish Seth, Inha University Tashkent Uzbekistan

**11:15 AM - 11:45 AM (Room 1: F3 Seminar Hall)**

**Invited Talk: Modelling Performance of Software Systems**

Dr. Raghu Ramakrishnan, Chief Architect & Technology Head, Government Business Unit, Tata Consultancy Services, India

**11:15 AM - 11:45 AM (Room 2: F3 MDP Hall)****Invited Talk : Cloud based Project Services with Artificial Intelligence in Business Transformation**

Prof. (Dr.) Keith Sherringham, PMO Specialist, New South Wales, Australia

**11:45 AM - 12:15 PM (Room 1: F3 Seminar Hall)****Keynote Talk: STNWeb: A Web Application for Visualizing Optimization Algorithm Behavior**

Prof. (Dr.) Christian Blum, Professor &amp; Senior Research Scientist, Artificial Intelligence Research Institute, Spanish National Research Council, Spain

**11:45 AM - 12:15 PM (Room 2: F3 MDP Hall)****Keynote Talk : Drone-camera based human activity recognition (HAR) using Deep Learning Model**

Prof. (Dr.) Hari Mohan Pandey, Bournemouth University, UK

**11:15 AM - 01:00 PM (Room 1: F1 MDP Hall)****Paper Presentation Track 6: Adaptive AI for Business Systems**

- Session Chair : Dr. Jagdeep Kaur, Nnatiional Institute of Technology, Jalandhar
- Session Co-chair : Dr. Sarika Jain, Amity University, Uttar Pradesh, Noida

**ID 27      Query Assist: A Multimodal Verbal Specifications to Structured Query Conversion Model Using Word Vector Based Semantic Analysis**

Surya Venkat Boddu, Midhun Varma Yerakaraju, Rahul Aditya Butta, Sannidhi G N K Geethan, Indian Institute of Information Technology, Pune

**ID 67      Diabetes Retinopathy**

Bhaumik Hitesh Thakker, Vedangi N Gupte, Taher K Kapadia, Tushar Sawant, SVKM's Dwarkadas J. Sanghvi College of Engineering, Mumbai

**ID 73      Impact of Learner Interactions on Online Learning Self-Efficacy among Students**

Pradeep Joshi, Omdeep Gupta, Sachin K. Srivastava, Khushboo Agnihotri, Ashulekha Gupta, Graphic Era Deemed University, Dehradun

**ID 315      Artificial Intelligence Enabled Grape Leaf Disease Detection Model with Improved Cascaded Convolutional Neural Network**

Naresh Kumar, Khaloud Nasseri, Khadija Khalfan, Rafa Ahmed, Mohd. Butrani University of Nizwa, Oman

**ID 193      Performance Evaluation of OADM for DWDM applications using Artificial Neural Networks**

Parveen Bajaj, Ritu Gupta, Gaurav Aggarwal, Chandigarh University, Chandigarh

**ID 394      Text Summarization and Sentiment Analysis using Transformer-based Models: Comparative Analysis**

Prabudhd Krishna Kandpal, Drishti Seth, Neeraj Garg and Neelam Sharma, Maharaja Agrasen Institute of Technology, Delhi

**ID 431 Exponential and Logarithmic Regression Models to Improve Cloud Performance using Reinforcement Learning**

Prathamesh V Lahande, Parag R Kaveri, Shirish Joshi, Symbiosis Institute of Computer Studies and Research, Symbiosis International University, Pune

**ID 468 Functionality as measure of estimating complexity in design of Intelligent Applications**

Rishabh Deo Pandey, Itu Snigdh, Birla Institute of Technology, Mesra

**ID 256 EEG Signal Data Analysis for Association with Alcoholism**

Pranav J Joshi, Saraswati Patil, Atharva Jayappa, Akash Ingle, Ojas Devendra Ketkar, Vishwakarma Institute of Technology, Pune

**ID 393 Improved SOM and Hybrid Filtering Techniques for Recommending Next-Generation Movies in the Entertainment Industry**

Saurabh Sharma, Amity University, Gwalior

**ID 289 Alzheimer Disease Diagnosis using Multimodal data: A literature Review**

R R Renganathan, Jagdeep Kaur, Urvashi Bansal, Ayushmaan Pandey, Dr B R Ambedkar National Institute of Technology, Jalandhar

**ID 417 Performance Analysis of Machine Learning and Deep Learning Classifiers on CICIDS2017 Dataset**

Pochamreddy Mukesh Reddy, Lav Upadhyay, Lanka Rakesh, Manipal University, Jaipur

**12:15 PM - 12:45 PM (Room 1: F3 Seminar Hall)**

**Invited Talk: Artificial Intelligence for Defence**

Dr. Rituraj Kumar, Director - Centre for AI & Robotics (CAIR), DRDO, India

**12:15 PM - 12:45 PM (Room 2: F3 MDP Hall)**

**Keynote Talk : Temporal Big Data Analytics**

Prof. (Dr.) Alfredo Cuzzocrea, Director, Big Data Engineering and Analytics Laboratory (iDEA Lab), University of Calabria, Rende, Italy

**01:00 PM - 01:30 PM**

**LUNCH BREAK**

**01:30 PM - 03:00 PM (Room 1: F1 MDP Hall)**

**Paper Presentation Track 7: Evolutionary Computing**

- Session Chair: Dr. Manju Khari, Jawaharlal Nehru University, New Delhi
- Session Co-chair : Dr. P M Tiwari, Amity University, Uttar Pradesh, Noida

**ID 270 Advocating CMSA as a Baseline Algorithm for Algorithm Comparison in Combinatorial Optimziation**

Christian Blum, Senior Research Scientist, Artificial Intelligence Research Institute (IIIA), Spanish National Research Council (CSIC), Spain

**ID 175 Cauliflower Disease Detection Using Deep Learning Models: A Review**

Ajay Kumar, Amit, Pradeep Chouksey, Mayank Chopra, Parveen Sadotra, Diksha Sharma, Central University, Himachal Pradesh

**ID 259 Detection of Brain Tumors via HOG Features Employing Cuckoo Search Optimization (CSO) Algorithm**

Kirandeep Kaur, Nirbhay Kashyap, Amity University, Uttar Pradesh, Noida

**ID 216 A Hybrid Residual and Capsule layer based CNN Model for Yoga Pose Estimation**

Sneha Sharma, Kamakhyा Chaturvedi, Aman Gupta, Amity Center for Artificial Intelligence, Amity University Uttar Pradesh, Noida

**ID 255 Unlocking Personalized Shopping: How Artificial Intelligence Crafts Your Perfect Ecommerce Experience**

Nitish Bansal, Rakesh Gupta, PCJ School of Management, Maharaja Agrasen University, Solan

**ID 187 Generative AI for the creation of images: A Review**

Sahil Sharma, Pratham Kashyap, Neha, Parveen SadotraPradeep Chouksey, Mayank Chopra, Aditya Thakur, Central University, Himachal Pradesh, Shahpur

**ID 85 Empowering Energy Efficiency through IoT-Enabled Smart Meter Data Analytics**

Divya Singhal, Laxmi Ahuja, Ashish Seth, Krishna Institute of Engineering and Technology, Ghaziabad

**ID 279 Machine Learning innovations for Neck health among college students**

Pragya Kumar, Riya Jain, Jasmine Kaur Chawla, Amity Institute of Health Allied Sciences, Amity University Uttar Pradesh, Noida

**ID 322 Analysing Refactoring Strategy for Handling Code Smell for Python Codes**

Vishruth Aggarwal, Akanksha Kushwaha, Deepali Malhotra, Rajni S kaushik, Deepti Mehrotra, Amity University Uttar Pradesh, Noida

**ID 339 Factors Contributing to Carbon Emissions in Transportation Sector: A Bibliometric Analysis**

Kashish Rastogi, Kumar Arnav, Harivansh Sharma, Rahul Sindhwan, Nitasha Hasteer, Amity University Uttar Pradesh, Noida

**ID 338 Design of Low-Cost Software Defined Radio using a Python Based Graphical User Interface**

Rhythmica A. M., Prashant Pal, Sudhir Nadda, Shuchismita Pani, Amity Institute of Space Science and Technology, Noida

**01:45 PM - 02:15 PM (Room 2: F3 MDP Hall)**

**Keynote Talk : Modeling Multiple Orders of Adaptivity Using a Higher-Order Adaptive Dynamical System Modeling Approach**

Prof. (Dr.) Jan Treur, Vrije Universiteit (VU), Amsterdam, Netherlands

**02:00 PM - 03:00 PM (Room 1: F3 Seminar Hall)**

**Talk Show : Surviving and Thriving with Adaptive Intelligence**

- Mr. Ganesh Sahai, Chief Technology Officer, Nagarro
- Dr. Prabhat Manocha – Associate Director India & SE Asia, IBM

**02:15 PM - 02:45 PM (Room 2: F3 MDP Hall)**

**Invited Talk: Scientific Writing and Publications Ethics**

Ms. Kamiya Khatter, Senior Editor, Springer Nature

**03:15 PM - 05:00 PM (Room 1: F3 Seminar Hall)**

**VALEDICTORY FUNCTION**

**05:00 PM - 05:15 PM**

**High Tea**



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