Delegate Registration Link: https://virtualevents.amizone.net/

PROGRAMME SCHEDULE

Day 1: Thursday, January 27, 2022 (IST)

09:15Hrs – 9:45 Hrs (Room 1)  
Keynote address 1 by Prof. (Dr.) Virendra Bhavsar, University of New Brunswick, Canada on “Selected Frontiers in High Performance Computing and Artificial Intelligence”

09:15Hrs – 9:45 Hrs (Room 2)  
Keynote address 2 by Prof. (Dr.) Ing. Mario Jose Divan, Director – Divsar & Professor-National University of La Plata, Argentina on “Towards Real-time Measurement-aware decision making”

09:15Hrs – 9:45 Hrs (Room 3)  
Keynote address 3 by Prof. (Dr.) Lizy Kurian John, Professor, University of Texas at Austin, USA on “Predicting Performance of Data centers at Scale”

09:45Hrs – 10:15 Hrs (Room 1)  
Keynote address 4 by Prof. (Dr.) Arif Sarwat, Director, Florida International University, Florida on “Infrastructure Development: Impact of AI and Data to build next generation of hybrid renewable power plant”

09:45Hrs – 10:15 Hrs (Room 2)  
Keynote address 5 by Prof. (Dr.) Bernhard Pfahringer, Waikato University, New Zealand on “Simple self-training approaches for semi-supervised image classification”.

09:45Hrs – 10:15 Hrs (Room 3)  
Keynote address 6 by Prof. (Dr.) Christopher Stewart, Professor, Ohio State University, USA on “Data-Driven Computational Systems”

10:15 Hrs–12:00Hrs  
Inaugural Session

10:15 Hrs – 10:22 Hrs  
Curtain Raiser: Introduction to Theme of Confluence-2022 by Prof. (Dr.) Abhay Bansal, Jt. Head, Amity School of Engineering & Technology, Director DICET & General Chair, Confluence 2022

10:22 Hrs – 10:27 Hrs  
Welcome Address by Prof. (Dr.) Manoj Kumar Pandey, Jt. Head, ASET

10:27 Hrs – 10:30 Hrs  
Welcome Address by Prof. (Dr.) K.M Soni, Deputy Dean, Engineering & Technology Domain

10:30 Hrs – 10:35 Hrs  
Address by Prof. (Dr.) W. Selvamurthy, President, Amity Science, Technology & Innovation Foundation (ASTIF)

10:35 Hrs – 10:40 Hrs  
Address by Prof. (Dr.) Balvinder Shukla, Vice Chancellor, AUUP & Co-Patron, Confluence 2022
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<td>10:40-10:47 Hrs</td>
<td>Address by Guest of Honor Mr. Manish Tiwari, CIO, Fractal</td>
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<td>10:47-11:05 Hrs</td>
<td>Keynote Address by Prof. (Dr.) Anant Agarwal, Founder and CEO of edX, Professor MIT, USA</td>
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<td>11:05-11:10 Hrs</td>
<td>Release of Confluence 2022 Proceedings</td>
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<td>11:10-11:20 Hrs</td>
<td>Address by Guest of Honor Prof. (Dr.) Jansuz A. Kozinski, Dean, Lakehead University, Canada</td>
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<td>11:20-11:25 Hrs</td>
<td>Conferring Honorary Professorships</td>
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<td>11:25-11:30 Hrs</td>
<td>Address by Guest of Honor Prof. (Dr.) Asheesh Kumar, Professor, MNNIT Allahabad, Immediate Past Chairman, IEEE UP Section India</td>
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<td>11:30-11:35 Hrs</td>
<td>Address by Guest of Honor Prof. (Dr.) J Ram Kumar, Professor, IIT Kanpur and Past Chairperson, IEEE UP Section, India</td>
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<td>11:35-11:40 Hrs</td>
<td>Address by Guest of Honor by Prof. (Dr.) Bebo White, Stanford University, USA</td>
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<td>11:40-11:45 Hrs</td>
<td>Address by Guest of Honor by Mr. Deepak Talwar, National Security Officer, Microsoft</td>
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<td>11:45-11:50 Hrs</td>
<td>Few Thoughts by Dr. Atul Chauhan, Chancellor, AUUP &amp; President RBEF, Patron, Confluence 2022 (To be Confirmed)</td>
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<td>11:50-11:55 Hrs</td>
<td>Few Thoughts by Dr. Ashok Chauhan, Founder President, RBEF &amp; Chairman AKC Group of Companies, Patron in Chief, Confluence 2022 (To be Confirmed)</td>
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<td>11:55-12:00 Hrs</td>
<td>Vote of thanks by Prof. (Dr.) Sanjeev Thakur, HOD CSE, ASET, Noida</td>
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<td>12:00-14:00 Hrs</td>
<td><strong>Industry Session I:</strong> Industry Session on Artificial Intelligence &amp; Machine Learning</td>
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<td>Mr. Sunil Kumar Mishra, Head, Ecosystem Innovation Group, Infosys Finacle</td>
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<td>Mr. Anurag Saxena, Chief Operating Officer at EasyGov (Jio Platforms), Founder and Director</td>
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<td>at Digital Economy Foundation</td>
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<td>Mr. Ajay Singh, Associate Director and Head, HCL Technologies.</td>
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<td>12:00-12:30 Hrs</td>
<td>Keynote address 7 by Prof. (Dr.) Simeon Simoff, Western Sydney University, Australia on</td>
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<td>“Handling Causality and Interpretability Issues in Industrial Machine Learning Projects”</td>
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<td>12:00-12:30 Hrs</td>
<td>Keynote address 8 by Prof. (Dr.) Vijanth Sagayan Asirvadam, Professor, Universiti Teknologi PETRONAS, Malaysia on “Data Science Why the Race &amp; Craze”</td>
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<td>12:30-13:00 Hrs</td>
<td>Keynote address 9 by Prof. (Dr.) Mohammad Rihan, Vice Chair, IEEE UP Section, Aligarh Muslim University on “Role of Data in Green Energy Transition”</td>
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<td>12:30-13:00 Hrs</td>
<td>Keynote address 10 by Prof. (Dr.) Jean Paul, University of Cape Town, South Africa on</td>
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<td>“The Adoption of Cloud Computing in South Africa’s Oil and Gas Industry”</td>
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**12:00 Hrs- 13:30 Hrs**  
**Paper Presentation: Track 1A - AI & Soft Computing**  
**Session Chair:** Prof. (Dr.) Ranjeet Kumar Rout, NIT Srinagar, India  
**Session Co-Chair:** Dr. Vasudha Vashisht, Amity University Uttar Pradesh, Noida, India

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<td>165</td>
<td>Mansi Bhatia, H D Arora, Anjali Naithani and Surbhi Gupta</td>
<td>“Distance measures of Pythagorean fuzzy sets based on sine function in property selection under TOPSIS approach”</td>
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<td>Surbhi Gupta, Shefali Kanwar, H.D. Arora and Anjali Naithani</td>
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<td>Kumar Mallikarjuna, Sumanta Pasari and Kamlesh Tiwari</td>
<td>“Hierarchical Classification using Neighbourhood Exploration for Sparse Text Tweets”</td>
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**12:00 Hrs- 13:30 Hrs**  
**Paper Presentation: Track 2A - Algorithms and Software**  
**Session Chair:** Prof. (Dr.) Pradeep Tomar, Gautam Buddha University, India  
**Session Co-Chair:** Mr. Anant Kumar Jaiswal, Amity University Uttar Pradesh, Noida, India  
**Ms. Sangeeta Rani, Amity University Uttar Pradesh, Noida, India**

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<td>Mansi Agnihotri and Anuradha Chug</td>
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<td>“Nirjas: An open-source framework for extracting metadata from the source code”</td>
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<td>Nida Shakeel and Rajendra Kumar Dwivedi</td>
<td>“A Learning Based Influence Maximization across Multiple Social Networks”</td>
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<td>86</td>
<td>Li Qin Hu, Asif Khan, Amit Yadav and Hong Liu</td>
<td>“Research on the Appraisal of the Attraction of Technological Talents: A Case Study for Shuangcheng Economic Circle of Chengdu-Chongqing region”</td>
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<td>484</td>
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**12:00 Hrs- 13:30 Hrs**  
**Paper Presentation: Track 3A - Big Data and Data Mining**  
**Session Chair:** Prof. (Dr.) B.K. Sharma, NITRA, Govt. of India  
**Session Co-Chair:** Dr. Misha Kakkar, Amity University Uttar Pradesh, Noida, India

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<td>“Predicting Popularity of YouTube videos using Viewer Engagement Features”</td>
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<td>Sitha Ram M, Suresh G V and Narasimha Swamy Biyappu</td>
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**Paper Presentation: Track 4A - Cloud Computing & Virtualization**  
**Session Chair:** Prof. (Dr.) Vishal Bhatnagar, Ambedkar Institute of Technology, New Delhi, India  
**Session Co-Chair:** Dr. Dolly Sharma, Amity University Uttar Pradesh, Noida, India  


12:00 Hrs- 13:30 Hrs  
**Paper Presentation: Track 5A - Computer Network & Sensors**  
**Session Chair:** Prof. (Dr.) Anand Nayyar, Duy Tan University, Da Nang, Vietnam  
**Session Co-Chair:** Dr. Achyut Shankar, Amity University Uttar Pradesh, Noida, India  

- Paper ID 721: Vishwa Amitkumar Patel, Pronaya Bhattacharya, Dr. Sudeep Tanwar, Nilesh Kumar Jadav and Rajesh Gupta, “BFLEdge: Blockchain based federated edge learning scheme in V2X underlying 6G communications”.  
- Paper ID 295: Prabhat Singh, Prof. Abhay Bansal, Sunil Kumar and Prof. Ahmad Kamal, “Road Monitoring and Sensing System”.  
- Paper ID 359: Amit Shaky and Surinder Singh, “Designing of a Novel PCF Biosensor having Octagonal Core and based on Surface Plasmon Resonance for Chemical and Heavy Metal Sensing”.  
- Paper ID 310: Gholamreza Ramezan, Amr Abdelnasser, Yashar Ganjali, “Know me: A Module to Improve the Efficiency of Resource Allocation in Data Centre networks”.

14:00 Hrs- 15:30 Hrs  
**Paper Presentation Track 1B - AI & Soft Computing**  
**Session Chair:** Prof. (Dr.) Sushila Madan, Lady Shri Ram College, DU, Delhi, India  
**Session Co-Chair:** Dr. Sanjay Kumar Dubey, Amity University Uttar Pradesh, Noida, India  

- Paper ID 433: Tanay Agrawal, Sarita Sheoran, Sumanta Pasari and Sakshi Shukla,” Wind Speed Prediction with Spatio Temporal Correlation using Convolutional and Spiking Neural Networks”.  
- Paper ID 273 “Lilapot Waikhom and Ripon Patgiri, “Recurrent Convolution based Graph Neural Network for Node Classification in Graph structure data”.  
- Paper ID 227: Mary Mathews, Dr Prabu M, Dr Arish Pitchai, Derin Robert and Raahul G. Mathews, Dr Prabu M, Dr Arish Pitchai, Derin Robert and Raahul G.”.
14:00 Hrs - 15:30 Hrs  
**Paper Presentation Track 3B - Big Data & Data Mining**  
*Session Chair:* Dr. Deepak Gupta  
*Maharaja Agrasen Institute of Technology, Delhi, India*  
*Session Co-Chair:* Dr. Rajni Sehgal  
*Amity University Uttar Pradesh, Noida, India*  
Dr. Saumya Ranjan Nayak, Amity University Uttar Pradesh, Noida, India

Paper ID 468: Misha Kakkar, Sachin Aggarwal and Shoaib Showkat Khan, “Analyzing opinion of different countries for recent events in Afghanistan using text mining”.


Paper ID 316: Kanishka Negi, Gaddam Prathik Kumar, Subrata Sahana, Gaurav Raj and Vishal Jain, “Degree of Accuracy in Credit Card Fraud Detection Using Local Outlier Factor and Isolation Forest Algorithm”.


14:00 Hrs - 15:30 Hrs  
**Paper Presentation Track 8H - Machine Learning**  
*Session Chair:* Dr. Deepti Kakkar  
*NIT, Jalandhar, India*  
*Session Co-Chair:* Ms. Seema Sharma, Amity University Uttar Pradesh, Noida, India


Paper ID 666: Monika Khandelwal, Ranjeet Kumar Rout and Saiyed Umer, “Prediction of protein-protein interaction from protein sequences using supervised machine learning algorithm”.


14:00 Hrs - 15:30 Hrs  
**Paper Presentation Track 6A - Image/Video Processing**  
*Session Chair:* Dr. Vishal Goyal  
*Professor, Punjabi University, India*  
*Session Co-Chair:* Dr. Prabhisek Singh  
*Amity University Uttar Pradesh, Noida, India*


14:00 Hrs - 15:30 Hrs  
**Paper Presentation Track 7A - IOT & Automation**  
**Session Chair:** Prof. (Dr.) Murli M Rao, Indira Gandhi Open National University, New Delhi, India  
**Session Co-Chair:** Dr. Sumita Gupta, Amity University Uttar Pradesh, Noida, India


Paper ID 292: Navita Mehra and Pooja Mittal, “Machine Learning (ML) based Human Activity Recognition Model using Smart Sensors in IoT Environment”.

Paper ID 79: C. Shyamala Kumari, Rohit Kumar, Saurav Kumar Gupta, Shourjya Hazra and Mayurakshya Paul, “Modish Energy Datum using LoRa Technology”.


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15:30 Hrs - 17:00 Hrs  
**Paper Presentation Track 1C - AI & Soft Computing**  
**Session Chair:** Prof. (Dr.) Divakar Yadav NIT Hamirpur, India  
**Session Co-Chair:** Dr. Supriya Raheja, Amity University Uttar Pradesh, Noida, India


Paper ID 558: Nihar Roy, Yash Bhardwaj, Aayush Upadhyay and Harshvardhan Chauhan, “A contemplation on music recommendation systems based on emotion detection”.

Paper ID 670: Ajay Kumar, Vikram Bali and Shubhangi Pandey, “Improving the efficiency of Plant-Leaf Disease detection using Convolutional Neural Network optimizer-Adam Algorithm”.

Paper ID 413: Vijay Kumari, Srishti Keshari, Yashvardhan Sharma and Lavika Goel, “Context-Based Question Answering System with Suggested Questions”.


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15:30 Hrs - 17:00 Hrs  
**Paper Presentation Track 6B - Image/Video Processing**  
**Session Chair:** Prof. (Dr.) Shelly Sachdeva, NIT Delhi, India  
**Session Co-Chair:** Dr. Abhishek Singhal, Amity University Uttar Pradesh, Noida, India

Paper ID 287: Vibhu Gupta, Mansi Jain and Garima Aggarwal, “Sign Language to Text for Deaf and Dumb”.

Paper ID 720: Usha Verma and Dr. Neelam Sharma, “Enhancing the security of Medical Images in Telemedicine using Region-based Crypto-Watermarking approach”.


Paper ID 428: Ayush Bhardwaj, Sushant Kumar and Aishwarya Naidu, “Predictive analysis and supervised detection for fraudulent cases in healthcare”.
| 15:30 Hrs- 17:00 Hrs | Paper Presentation Track 8A- Machine Learning  
Session Chair: Prof. (Dr.) Lata, University of Bristol, UK  
Session Co-Chair: Dr. Gaurav Dubey, Amity University Uttar Pradesh, Noida, India |
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Paper ID 394: Xintong You, Zhengqi Liu, Xu Yang and Xuyang Ding, “Poisoning attack detection using client historical similarity in non-iid environments”  
Paper ID 81: Manoj Wairiya, G.P Sahu and Neeraj Tyagi, Manoj Wairiya, G.P Sahu and Neeraj Tyagi, “Identifying Critical Success Factor for Effective Adoption of Mobile Learning Application: An Empirical Study in Indian context”  
Paper ID 270: Raj Talan, Sonia Rathee and Rashmi Gandhi, “Spatio-temporal distribution characteristics of covid-19 vaccine using Time Series Forecasting” |

| 15:30 Hrs- 17:00 Hrs | Paper Presentation Track 1D- AI & Soft Computing  
Session Chair: Prof. (Dr.) Rohit Benival, Delhi Technical University, India  
Session Co-Chair: Dr. Renuka Nagpal, Amity University Uttar Pradesh, Noida, India  
Dr. Anshul Tickoo, Amity University Uttar Pradesh, Noida, India |
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|                      | Paper ID 688: Puneet Aggarwal, Dr.Parita Jain, Swati Sharma and Monica Batra, “Classifying Fake News Detection Using SVM, Naive Bayes and LSTM”  
Paper ID 204: Venkatesh Ramanna and Dilip Chaudhary, “Deep CNN Model for Non-Screen Content and Screen Content Image Quality Assessment”  

| 15:30 Hrs- 17:00 Hrs | Paper Presentation Track 8B- Machine Learning  
Session Chair: Prof. (Dr.) Arun Yadav, NIT Hamirpur, India  
Session Co-Chair: Dr. Geetika, Amity University Uttar Pradesh, Noida, India |
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Paper ID 425: Ajit Kumar Rout, Abhisek Sethy and M Kousik, “Counterfeit Regulation through Machine Learning Approach and Deployment in Dockers”  
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<td>Room 1</td>
<td>Keynote address 11 by Prof. (Dr.) Sergio Marquez Sanchez, University of Salamanca, Spain on “Safe working environments thanks to the integration of artificial intelligence and wearable devices for real-time monitoring”</td>
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<td>14:15-14:45</td>
<td>Room 2</td>
<td>Keynote address 12 by Prof. (Dr.) Vassil T. Vassilev, Head of Cyber Security Research Centre, London Metropolitan University, UK on “Parameterization, Containerization, and Orchestration of Security Services on Private Cloud”.</td>
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<td>14:15-14:45</td>
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<td>Keynote address 13 by Prof. (Dr.) Vincenzo Piuri, Professor, University of Milan, Italy on “Artificial Intelligence in Cloud/Fog/Edge Computing and Internet-of-Things”.</td>
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<td>14:45-15:15</td>
<td>Room 1</td>
<td>Keynote address 14 by Prof. (Dr.) Keshav Dahal, University of West of Scotland, UK on “Blockchain Characteristics and its Effect in Business Models”.</td>
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<td>14:45-15:15</td>
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<td>Keynote address 15 by Prof. (Dr.) Gabriella Casalino, Professor, CI Lab, University of Bari, Italy on “Explainable stream data analysis: a case study on bipolar disorder disease”.</td>
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<td>14:45-15:15</td>
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<td>Keynote address 16 by Mr. Haru Mehra, CEO &amp; President of Project LE FREHINDI Under The Patronaje of Indian Embassy in Paris &amp; Project Head – University of Grenoble Indian Subcontinent edition on Future Skills: Coding Camps &amp; Internship Opportunities for Indian Students in Europe”</td>
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<td>Keynote address 17 by Mr. Kapil Mehrotra, CTO, National Collateral Mgmt Services Ltd., India on “Digital Leadership: The Challenges, Skills and Technology”</td>
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<td>Keynote address 18 by Prof. (Dr.) Neelam Duhan, Professor, J. C. Bose University of Science and Technology, YMCA, Faridabad, India on “Bioinspired Computing”</td>
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<td>15:15-15:45</td>
<td>Room 3</td>
<td>Keynote address 19 by Prof. (Dr.) Silvia Liberata Ullo, Telecommunications and Remote Sensing group at the University of Sannio, Italy on “Remote Sensing for Earth Observation and Cloud Services”</td>
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<td>Keynote address 20 by Prof. (Dr.) Subhash Bhalla, Professor, University of Aizu Japan on “Healthcare Digitization Through Standardized Electronic Health Records and Databases”</td>
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<td>Keynote address 21 by Prof. (Dr.) Mohd Helmy Abd Wahab, Professor, University Tun Hussein Onn Malaysia on “Smart Application to Support Elderly and Disabled People”</td>
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<td>Keynote address 22 by Prof. (Dr.) Syed Akhter Hossain, Dean, Canadian University of Bangladesh on “Cyber Security Research: Prospects and Challenges”</td>
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<td>Keynote address 25 by Mr. Rajiv Singh, CTO Sopra Steria</td>
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<td>16:45-17:15</td>
<td>Room 3</td>
<td>Keynote address 26 by Prof. (Dr.) Anand Nayyar, Researcher and Scientist at Duy Tan University, Vietnam on “6G Technology”</td>
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16:15 Hrs - 17:30 Hrs (Room 1) Joint Session with IEEE Sight: Inspiring Story of Young Global Engineers

Panellist: Prof. (Dr.) Abhay Bansal, Director-DICET, Joint Head-ASET
Dr. M.A. Ansari, IEEE HAC-SIGHT, UP Section, India

Mr. Piyush Arora, Senior Interaction Designer, Google, USA
Ms. Saniya Sahdev, Senior Technology Consultant, Ernst & Young, USA
Mr. Sagar Solanki, Engineer, Facebook, USA
Ms. Katha Chanda, Software Engineer, Microsoft, USA
Ms. Shreya Sahani, Software Development Engineer, Amazon, USA
Mr. Shivang Kumar, Operations Lead, ANZ, Melbourne, Australia
Ms. Pooja Prashar, Software Developer, Oracle, USA
Mr. Mihir Sardana, Analyst, Goldman Sachs, USA
Mr. Karan Raizada, Amazon, Canada
Mr. Piyush Khareja, Assistant Vice President, Credit Suisse, USA

17:30 Hrs - 18:30 Hrs (Room 1) “CXO Forum” on Explosive Impact of Digitization
Mr. George Paul, CEO, MAIT
Mr. Manoj Chug, President - Group Public Affairs, Member Group Executive Board, Mahindra & Mahindra
Mr. Pramod Agrawal, Vice President and Regional CTO (IMEA), Automation Anywhere
Mr. Sandeep Parikh, Partner and Leader Intelligent Automation, EY
Mr. Sumit Sardana, Chief Operating Office, mCarbon Tech Innovations Pvt. Ltd.

17:15 Hrs - 17:45 Hrs (Room 2) Keynote address 27 by Prof. (Dr.) P.S. Grover, Ex-Director Delhi University, India on “AI and Social Good”

17:15 Hrs - 17:45 Hrs (Room 3) Keynote address 28 by Prof. (Dr.) Basanta Joshi, Tribhuvan University, Nepal on “Insider Threat Detection using Deep Learning”

17:45 Hrs - 18:15 Hrs (Room 2) Keynote address 29 by Prof. (Dr.) Arun Somani, Senior Associate Dean, College of Engineering, Iowa State University, USA on “Neural Architecture Search: A Hardware Perspective”

17:45 Hrs - 18:15 Hrs (Room 3) Keynote address 30 by Prof. (Dr.) Josiah Dykstra, Technical Fellow in the Cybersecurity Collaboration, Center, National Security Agency, USA on “Partnering for Prevention in Modern Cybersecurity”
Day 2: Friday, January 28, 2022

09:15 Hrs – 9:45 Hrs (Room 1)  
Keynote address 31 Prof. (Dr.) Vijayan Sugumaran, Oakland University, USA on “Data Analytics and Privacy Issues for wearable Technologies in Healthcare”

09:15 Hrs – 9:45 Hrs (Room 2)  
Keynote address 32 by Prof. (Dr.) Bhuvanesh Unhelkar, University of South Florida, USA on “Artificial Intelligence for Business Optimization: Approaches to combining Data Models with Process Models”.

09:15 Hrs – 9:45 Hrs (Room 3)  
Keynote address 33 by Prof. (Dr.) Shampa C, Netaji Subhash University of Technology, NSIT, DELHI on “Bringing alive big data with blockchain and AI"

09:45 Hrs – 10:15 Hrs (Room 1)  
Keynote address 34 by Prof. (Dr.) Ankit Agrawal, Northwestern University, USA on “AI + HPC for Accelerating Science”

09:45 Hrs – 10:15 Hrs (Room 2)  
Keynote address 35 by Prof. (Dr.) Katina Michael, Professor, Arizona State University, USA on “Cloud Computing Data Breaches in News Media: Disclosure of Personal and Sensitive Data”.

09:45 Hrs – 10:15 Hrs (Room 3)  
Keynote address 36 by Prof. (Dr.) Omar Cheikhrouhou, Higher Institute of Computer Science of Mahdia, Tunisia on “Blockchain for the Cybersecurity of smart city applications”

10:00 Hrs- 11:00 Hrs  
Paper Presentation: Track 8C Machine Learning  
Session Chair: Prof. (Dr.) Brijesh Kumar, Madan Mohan Malaviya University of Technology, Gorakhpur, India  
Session Co-Chair: Dr. Sumit Kumar, Amity University Uttar Pradesh, Noida, India  


10:00 Hrs- 11:00 Hrs  
Paper Presentation: Track 8D Machine Learning  
Session Chair: Prof. (Dr.) Vinay Rishiwal, MJP Rohilkhand University, Bareilly, UP, India  
Session Co-Chair: Dr. Manoj Kumar Shukla, Amity University Uttar Pradesh, Noida, India  

Paper ID 384: Abhishek Sethy, Ajit Kuma Raut and Soumya Ranjan Nayak, “Face Recognition Based Automated Recognition System”.  
Paper ID 159: Ayushi Shal and Richa Gupta, “A comparative study on malaria cell detection using computer vision”.  

10:00 Hrs - 11:00 Hrs  
**Paper Presentation: Track 8G Machine Learning**  
Session Chair: Prof. (Dr.) Shampa C, Netaji Subhash University of Technology, NSIT, Delhi, India  
Session Co-Chair: Dr. Shipra Shukla, Amity University Uttar Pradesh, Noida, India  


11:30 Hrs – 13:00 Hrs  
**Paper Presentation: Track 8E Machine Learning**  
Session Chair: Dr. Amit Agarwal · Director, Dr. APJ Abdul Kalam Govt. Institute of Technology, Tanakpur, India  
Session Co-Chair: Dr. Shilpi Sharma, Amity University Uttar Pradesh, Noida, India  

Paper ID 395: Sakshi Kalra, Chitneedi Hemanth Sai Kumar Kumar, Yashvardhan Sharma and Gajendra Singh Chauhan, “Comparative Analysis of Various Machine Learning Based Techniques for Predicting the Virality of Tweets”.  

11:30 Hrs - 13:00 Hrs  
**Paper Presentation: Track 8F Machine Learning**  
Session Chair: Prof. (Dr.) Neelam Duhan, J. C. Bose University of Science and Technology, YMCA, Faridabad, India  
Session Co-Chair: Dr. Rakesh Garg, Amity University Uttar Pradesh, Noida, India  

Paper ID 429: Abdullah Ikram, Mohit Kumar and Dr. Geetika Munjal, “Twitter Sentiment Analysis using Machine Learning”.  
Paper ID 208: Neha Arora, Sindhu Hak Gupta and Basant Kumar, “Symbol Error Rate based approach to explore the best location for central node placement in On-body WBAN”.  
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<td>10:15 Hrs- 10:45 Hrs (Room 1)</td>
<td>Keynote address 37 by Prof. (Dr.) Alamgir Hussain, Vice President &amp; Professor of Artificial Intelligence Cambodia University of Technology &amp; Science (CamTech) Phnom Penh, Cambodia.</td>
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<td>10:15 Hrs- 10:45 Hrs (Room 2)</td>
<td>Keynote address 38 Prof. (Dr.) T.V. Vijay Kumar, Jawaharlal Nehru University, India on “Challenges and Opportunities in AI &amp; Data Science”</td>
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<td>10:15 Hrs- 10:45 Hrs (Room 3)</td>
<td>Keynote address 39 by Prof. (Dr.) Subarna Shakya, Institute of Engineering, Tribhuvan University, Nepal on “Cloud Governance Challenges”</td>
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<td>10:45 Hrs- 11:15 Hrs (Room 1)</td>
<td>Keynote address 40 Prof. (Dr.) Y C Tay, Professor, NUS, Singapore on “A simple equation for citation curves”.</td>
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<td>10:45 Hrs- 11:15 Hrs (Room 2)</td>
<td>Keynote address 41 by Prof. (Dr.) Hari Mohan Pandey, Edge Hill University, UK on “Novel Metaheuristic Algorithm for Cluster Head Selection in Wireless Sensor Network”</td>
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<td>10:45 Hrs- 11:15 Hrs (Room 3)</td>
<td>Keynote address 42 by Prof. (Dr.) Muhammad Rukunuddin Ghalib, School of Engineering &amp; Computing, De Monfort University, Dubai on “AI-Joining Right Pieces Together in a Right Way”</td>
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| 11:45-13:00 Hrs (Room 1) | HR Conclave: Industry Expectations from Young Professionals in New Normal | Mr. Amulya Sah, CHRO, Team Computers  
Mr. Mukesh Batra, Vice President-HRIS (Human Resource Information System), Motherson Sumi Infotech & Designs Limited  
Ms. Shalini Juahri, Head Talent Acquisition, Indurance Technologies Ltd.  
Mr. Bino Kumar, Head Talent Acquisition, Groupon  
Mr. Amit Kumar Sinha, Head Talent Acquisition, Samsung R&D (Ex- Adobe, Amazon)  
Mr. Joginder Tuteja, Sr. Director - Recruitment & HR, AXTRIA |
| 11:30 Hrs – 12:00 Hrs (Room 2) | Keynote address 43 by Prof. (Dr.) Vishal Goyal, Professor, Punjabi University, India on “Shodhmapak: A Plagiarism detection tool for Indian languages” |                                                                                           |
| 11:30 Hrs – 12:00 Hrs (Room 3) | Keynote address 44 by Prof. (Dr.) Celestine Iwendi, Professor, School of Creative Technologies University of Bolton, UK on “Next Generation AI in Creative Technology”. |                                                                                           |
| 12:00 Hrs – 12:30 Hrs (Room 2) | Keynote Address 45 by Prof. (Dr.) Violetta E. PIPERIGOU, Professor, University of Patras, Greece on “Regression Analysis Techniques in Data Science”. |                                                                                           |
| 12:00 Hrs – 12:30 Hrs (Room 3) | Keynote address 46 by Prof. (Dr.) Shelly Sachdeva, Professor, NIT Delhi |                                                                                           |
| 12:30 Hrs – 13:00 Hrs (Room 3) | Keynote address 47 by Prof. (Dr.) Masoud Mohammadian, Professor, Canberra University, Australia |                                                                                           |
| 14:00 Hrs- 15:30 Hrs (Room 1) | Panel Discussion: Academia-Industry Linkage: A necessity for creating national innovation ecosystem | Prof. (Dr.) S.K. Garg, Pro Vice Chancellor, Delhi Technical University, India  
Mr. Lokesh Mehra, Head AWS  
Mr. Harsha Kankanala, Founder Edwisely  
Mr. Ashish Gupta, Vice President and Head of Software, Barco India  
Mr. Satya Sekhar Das Mandal, CTO, Infoview Systems  
Dr. Niraj Prakash, Head Professional Services, Public Sector, Amazon Web Services  
Mr. Sekhar Sahay, India Head HR, Thales Group |
| 14:15 Hrs- 14:45 Hrs (Room 2) | Keynote Address 48 by Mr. Ashish Adhikari, Principal PM Manager at Microsoft |                                                                                           |
| 14:15 Hrs- 14:45 Hrs (Room 3) | Keynote Address 49 by Prof. (Dr.) Mike Hinchey, Former Director, Irish Software Engineering Research Centre, Professor, University of Limerick, Ireland on “Building Resilient Space Exploration Missions” |                                                                                           |
15:30 Hrs – 18:00 Hrs (Room 1) Valedictory Function

15:30 Hrs – 15:35 Hrs Lamp Lighting

15:35 Hrs – 15:40 Hrs Welcome Address by Prof. (Dr.) Abhay Bansal, Jt. Head Amity School of Engineering & Technology, Director DICET & General Chair, Confluence-2022

15:40 Hrs – 15:45 Hrs Address by Prof. (Dr.) Manoj Kumar Pandey, Jt. Head, Amity School of Engineering & Technology

15:45 Hrs - 15:52 Hrs Brief Summary Report of Confluence 2022 by Organizing Secretary, Confluence 2022

15:52 Hrs – 16:00 Hrs Address by Prof. (Dr.) Balvinder Shukla, Vice Chancellor, AUUP & Co-Patron, Confluence 2022

16:00 Hrs- 16:07 Hrs Address by Guest of Honor, Prof. (Dr.) Mohamed Ibrahim bin Abdul Mutalib, Vice Chancellor, UTP, Malaysia

16:07 Hrs – 16:14 Hrs Address by Guest of Honor, Prof. (Dr.) Satish K. Singh, Professor, IIT Allahabad, Chairman, IEEE UP Section, India

16:14 Hrs – 16:21 Hrs Address by Guest of Honor, Prof. (Dr.) Mike Hinchey, Professor, University of Limerick, Ireland

16:21 Hrs- 16:28 Hrs Address by Guest of Honor, Prof. (Dr.) S.N. Singh, Professor, IIT Kanpur, IEEE India Council Immediate Past-Chair, India

16:28 Hrs- 16:50 Hrs Keynote Address by Prof. (Dr.) Peter Robinson, Professor, Cambridge University, UK on “Extended Reality- Past, Present and Future”

16:50 Hrs- 17:23 Hrs Conferring Honorary Professorships & Awards

17:23 Hrs - 17:30 Hrs Address by Guest of Honor, Mr. Sudhir Aggarwal, Director Strategic, Microsoft

17:30 Hrs- 17:37 Hrs Address by Guest of Honor, Prof. (Dr.) Bhiksha Ramakrishnan, Professor, Carnegie Mellon University, USA

17:37 Hrs-17:42 Hrs Address by Guest of Honor, Prof. (Dr.) Sartaj Sahni, Professor, Florida State University, USA

17:42 Hrs – 17:49 Hrs Address by Guest of Honor, Prof. (Dr.) David Gries, Professor, Cornell University, USA

17:49 Hrs- 17:56 Hrs Address by Guest of Honor, Prof. (Dr.) Shaoften Fang, Chair, Department of Computer and Information Science, Director, Indiana University Purdue University, USA

17:56 Hrs – 18:03 Hrs Few Thoughts by Dr. Atul Chauhan, Chancellor, AUUP & President RBEF, Patron, Confluence 2021

18:03 Hrs – 18:10 Hrs Few Thoughts by Dr. Ashok K Chauhan, Founder President, Amity Education Group & Chairman AKC Group of Companies, Patron in Chief, Confluence 2021

18:10 Hrs- 18:20 Hrs Vote of Thanks by Prof. (Dr.) Sanjeev Thakur, HOD(CSE), ASET
AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

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12TH INTERNATIONAL CONFERENCE
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