

## Advanced Computing Research Society EASTON 100 - International Conference on Computing Sciences – ICCS 2021

DATE	TIME (IST)	PROGRAMME	
		FLOOR 1	FLOOR 2
30-Apr-21	10.30 to 10.32	Prayer song by Ms.Krishnaveni, ACRS	
30-Apr-21	10.32 to 10.35	Welcome Address by Dr. Geetha Ganesan, ACRS	
30-Apr-21	10.35 to 13.00	Workshop on Intelligent Systems Session 1 Invited talk by Dr.Vijay Kumar, NIT – Hamirpur Followed by paper presentations.	Workshop on Computer Networks and Communications Session 1 Invited talk by Dr.Rajiv Misra, IIT- Patna followed by paper presentations.
30-Apr-21	13.00 to 14.00	Lunch Break	
30-Apr-21	14.00 to 14.25	Networking Session	Networking Session
30-Apr-21	14.25 to 14.30	Introducing the Keynote Speaker Prof. Pascal Lorenz	
30-Apr-21	14.30 to 15.00	Keynote Lecture by Prof. Pascal Lorenz, University of Haute Alsace, France	
30-Apr-21	15.00 to 15.05	Introducing the Keynote Speaker Prof. Marcin Paprzycki,	
30-Apr-21	15.05 to 15.35	Keynote Lecture by Prof. Marcin Paprzycki, Polish Academy of Sciences, Poland	
30-Apr-21	15.35 to 16.00	Networking Session	Networking Session
30-Apr-21	16.00 to 18.00	Workshop on Computer Networks and Communications Session 2 Invited talk by Dr.Rahul Saha and Dr.Gulshan Kumar Sharma, University of Padua, Italy	

30-Apr-21	18.00 to 18.05	Introducing the Keynote Speaker Prof. Vincenzo Piuri	
30-Apr-21	18.05 to 18.35	Keynote Lecture by Prof. Vincenzo Piuri, University of Milan, Italy	
01-May-21	10.30 to 10.35	Introducing the Keynote Speaker Prof. Marimuthu Palaniswamy	
01-May-21	10.35 to 11.05	Keynote Lecture by Prof. Marimuthu Palaniswamy, University of Melbourne, Australia	
01-May-21	11.05 to 11.30	Networking session	
01-May-21	11.30 to 13.30	Workshop on Intelligent Systems Session 2 Invited Talk by Dr.Renu Dhir, NIT-Jalandhar Followed by paper presentations	Workshop on Control and Embedded Systems Invited talk by Dr.Sumit Jindal, VIT-Vellore and Dr.Balakrishnan, SKCET, Coimbatore Followed by paper presentations
01-May-21	13.30 to 14.30	Lunch Break	
01-May-21	14.30 to 16.30	Workshop on Intelligent Systems Session 3 Invited talk by Dr.Lalit Garg, University of Malta, Malta and Dr.Manik Sharma, DAV University, Jalandhar followed by paper presentations	Workshop on Technological innovations in Education and knowledge dissemination Invited talk by Dr.V.Ragavi, SKCET, Coimbatore and Dr. Salahddine Krit, IBN Zohr University, Morocco followed by paper presentations
01-May-21	16.30 to 16.35	Vote of Thanks	

**Note : Paper presentations are scheduled in respective workshops. All authors are requested to look into the schedule of workshops given below to know the exact time of their presentation.**

# Workshop on Intelligent Systems

**Technical Session 1 – 30<sup>th</sup> April 2021 – 10.35 to 13.00 IST**

**Technical Session 2 – 1<sup>st</sup> May 2021 – 11.30 to 13.30 IST**

**Technical Session 3 – 1<sup>st</sup> May 2021 – 14.30 to 16.30 IST**

<i>Session</i>	<i>Paper ID</i>	<i>Authors Name</i>	<i>Paper Title</i>
1	ICCS_01	Ravikumar M and Rachana P G	Study on Different Approaches for Breast Cancer Detection: A Review
1	ICCS_02	Swati Joshi and Dr. Sanjay Kr. Sharma	A Model for Good Learning Environment Using Learning Data Analytics
1	ICCS_04	Amirthapriya M and Dr. Santhosh Baboo S	Comparison of Machine Learning Techniques on Twitter Emotions Classification
1	ICCS_06	Abdul Karim Siddiqui and Dr Vijay Kumar Garg	Applicability of AI in Pulmonary Tuberculosis: A review
1	ICCS_10	Lakshminarayana Gumma, Thiruvengatanadhan R, Lakshmi Nadh K and Sivaprakasam T	A Survey on Convolutional Neural Network (Deep Learning Technique) Based Lung Cancer Detection
1	ICCS_12	Ramandeep Kaur and Dr. Navdeep Kaur	Analysis of Melanoma Cancer Detection Techniques
1	ICCS_19	Harshit Mogalapalli, Mahesh Abburi, Nithya B and Surya Kiran Vamsi Bandreddi	Classical-Quantum Transfer Learning for Image Classification
1	ICCS_25	Prajeesh C B and Dr. Anju S Pillai	Indian Smart Mobility Ecosystem – Key Visions and Missions

1	ICCS_26	Gaurav Parashar, Alka Chaudhary and Ajay Rana	Systematic Mapping Study of AI/ML in Healthcare and Future Directions
2	ICCS_29	Sachin Negi, Kartik Garg, Milind Prajapat and Neeraj Sharma	A Standalone Real-Time Gait Phase Detection using Fuzzy-Logic Implementation in Arduino Nano
2	ICCS_30	Mitesh Singh, Vaishakh Shetty, Siddhesh Salunkhe and Nilesh Rathod	Comparative Analysis of Different Classification Techniques
2	ICCS_34	Mary Fabiola, G. Ignisha Rajathi, R. Vedhapriya Vadhana and L. R Priya	Artificial Intelligence to Combat the Sting of the Pandemic on the Psychological Realms of Human Brain
2	ICCS_35	Sai Charan Ramadugula, Setu Vaishnavi Katta and Avila Jayapalan	A Robust Face Mask Detection Mechanism using VGG19 and DenseNet201 Algorithms
2	ICCS_42	Jyoti Patil Devaji, Dhruva G N Reddy and Dr. Ravi Guttal	Gait Analysis for Fall Detection Using Machine Learning
2	ICCS_49	Qaisar Saeed and Nehal Alyamani	Adaptive Rate Sampling and Machine Learning Based Power Quality Disturbances Effective Interpretation
2	ICCS_50	Qaisar Saeed and Amal Abdelgawad	Event-driven acquisition and machine learning based efficient prediction of the Li-Ion battery capacity
2	ICCS_52	Sreyas S, Sreeja Kochuvila, Vignesh S and Pranav R	AIR TOUCH: Human Machine Interface Using Electromyography Signals
2	ICCS_53	Dr.Chandrakant Naikodi and Dr. Basavanna M	A Research on Possible Misuse of Digitally Converted Handwritten Text and Recognition System

3	ICCS_55	Shivam Dwivedi, Sanjukta Ghosh and Satyam Dwivedi	Developing Hindi Stammering Corpus: Framework and insights
3	ICCS_56	Swapna Johnny and Jaya Nirmala S	Farmer Query Answering System
3	ICCS_60	Satyam Dwivedi and Sanjukta Ghosh	Subjectivity Identification through Lexical Rules
3	ICCS_66	Swapna Johnny and Jaya Nirmala S	Sign Language Translator Using Machine Learning
3	ICCS_73	Vandana Dwivedi and Sanjukta Ghosh	Classification of Hindi Compound Nouns using Machine Learning
3	ICCS_75	Piyush Bagwala, Praful Kumar Jha, Sheikh Mohammed Sajid, Suyash Jain and Sourabh Bhat	Effective Artificial intelligent System for Masses Enumeration using video surveillance
3	ICCS_90	Miryam Cosme, Wilver Auccahuasi, Patricia Del Pilar Diaz Gamarra, Elmer Barron Pastor, Martha Aviles, Wilson Marin and Edith Neglia	Impact of Remote Education in Times of Pandemic COVID-19
3	ICCS_107	Trishit Banerjee	Supplier Satisfaction as a Mediating Effect on Delivery and Service: A PLS-SEM Approach in India during Covid-19 pandemic
3	ICCS_111	Shanthi Palaniappana , Ragavi V, Beulah David, and Pathur Nisha S	Prediction of Epidemic Disease Dynamics on the Infection Risk using Machine Learning Algorithms

# Workshop on Computer Networks and Communications

**Technical Session 1 – 30<sup>th</sup> April 2021 – 10.35 to 13.00 IST**

**Technical Session 2 – 30<sup>th</sup> April 2021 – 16.00 to 18.00 IST**

<i>Session</i>	<i>Paper ID</i>	<i>Authors Name</i>	<i>Paper Title</i>
1	ICCS_07	Dr. Sharmila Gaikwad, Mahek Khanna, Shreyans Kothari and Ashutosh Kudale	Systematic Literature Survey on Accident Alert & Detection System
1	ICCS_14	Botros Kfoury	The Role of Blockchain in Reducing the Cost of Financial Transactions in the Retail Industry
1	ICCS_20	Sugandh Seth, Dr. Gurwinder Singh and Kuljit Kaur Chahl	Drift-based approach for evolving data stream classification in Intrusion detection system
1	ICCS_33	Satyakam Rahul and Rajni Aron	Fog Computing Architecture, Application and Resource Allocation: A Review
1	ICCS_41	Anjaneya Tripathi, Mekathoti Vamsi Kiran, Isha Waghulde, Khushali Patel and Nithya B	Neural Network aided Optimal Routing with Node Classification for Adhoc Wireless Network
1	ICCS_43	Suresh Kumar and Seema Deshwal	A Review on Orthogonal Time Frequency Space Modulation
1	ICCS_44	Saumya Choudhury	Choice of Proper Data Operating Model: A study in telecom industry
1	ICCS_45	Suresh Kumar and Chanderkant Vats	Underwater Communication: A Detailed Review

1	ICCS_51	Sarang Sadawarte and Sweta Srivastav	Cordial Labeling of Some Pan Graphs
1	ICCS_61	Resmi K R and Dhanya Job	Design and Implementation of Secure ATM System Using Biometric and Hashing Technique
2	ICCS_62	Atul Kumar, Saurabh Katiyar, Arun Kumar, Arun Singh and Ayush Mittal	Graphene Aided Rectangular DRA For 5G Application : A Comparative Analysis
2	ICCS_63	Arman Singh, Arpit Singh, Ayush Jaiswal, Atul Kumar and Saurabh Katiyar	Parametric Analysis of Composite Structure Dielectric Resonator Antenna for 5G Applications
2	ICCS_69	Pravin Soni and Dr. Rahul Malik	A Hybrid Cloud Security Model for Securing Data on Cloud
2	ICCS_74	Shweta Wadhera, Deepa Kamra, Ankit Rajpal, Aruna Jain and Vishal Jain	A Comprehensive Review on Digital Image Watermarking
2	ICCS_77	Sumit Pande, Ranjit Sadakale and N V K Ramesh	Performance Analysis of AODV Routing Protocol in VANET Using NS-2 and SUMO
2	ICCS_81	Wilver Auccahuasi, Kitty Urbano, Marco Felipe, Luis Romero, Denny Lovera, Carlos Ledezma, Edwin Felix, Christian Ovalle and Mario Ruiz	Methodology for the development of communication protocols between devices based on serial communication

2	ICCS_83	Wilver Auccahuasi, Kitty Urbano, Marco Felipe, Orlando Pacheco, Juana Sandivar, Manuel Bejar, Edwin Felix and Mario Ruiz	Methodology for the optimization of resources, applied to virtual reality, through the use of WIFI network 6
2	ICCS_87	Suresh Kumar and Rakesh Sidharth	Performance of AODV, DSR and ZRP for Different Mobility model in MANET
2	ICCS_89	Lucas Herrera, Kitty Urbano, Christian Ovalle, Edwin Felix and Wilver Auccahuasi	Methodology for the implementation of an interoperability protocol between RFID - NFC, applied to the registration of vaccines for COVID-19
2	ICCS_108	Saumya Choudhury	A sustainable Customer Satisfaction model based on new dimensions of SERVQUAL & SERVPERF in today's Telecom world: An Empirical approach
2	ICCS_112	Avadh Kushwaha	Anomaly Detection Using a Fuzzy K-Means Algorithm



# Workshop on Control and Embedded Systems

Technical Session – 1<sup>st</sup> May 2021 – 11.30 to 13.30 IST

<i>Session</i>	<i>Paper ID</i>	<i>Authors Name</i>	<i>Paper Title</i>
1	ICCS_24	Mufaddal Masalawala, Simran Sankhala and Gayatri Nayak	Comprehensive scrutiny of threat vectors leading to attacks in ICS
1	ICCS_48	B Nithya, Deshpande Rutvik, Raj Sureja and Gollapalli Sai Pavan	Performance Evaluation of Distributed Networks for Internet of Things
1	ICCS_58	Nikolay Kozyrev, Pavel Keyno, Aleksander Novikov, Vladimir Kvashnin and Leonid Horoshko	Permissions meta-management architecture and BML tools for its implementation in the BlockSet project
1	ICCS_80	Wilver Auccahuasi, Kitty Urbano, Orlando Pacheco, Luis Romero, Denny Lovera, MÓNica Diaz, Edwin Felix, Christian Ovalle and Mario Ruiz	Methodology for the development of technological solutions, based on heterogeneous communication protocols: IOT + RFID
1	ICCS_82	Wilver Auccahuasi, Kitty Urbano, Marco Felipe, Luis Romero, Denny Lovera,	Connectivity pattern analysis for virtual simulation design, based on high-performance game analysis

		Carlos Ledezma, Edwin Felix and Mario Ruiz	
1	ICCS_86	Wilver Auccahuasi, Kitty Urbano, IvÁN Perez, Luis Romero, Denny Lovera, MÓNica Diaz, Karin Rojas, Christian Ovalle and Madeleine Bernardo	Low-cost system for the management of hospital services, applied to hospitalized patients through the use of IoT technology
1	ICCS_100	Eric Nkansah Boateng, Nitin Kumar, Dr. Anuj Jain	To Develop, Test and Record a 3 Lead EMG Electrode and Flex Sensor on a 3D Prosthetic Limb with Different Gait Patterns using Arduino Microcontroller
1	ICCS_104	Bilji C Mathew, Muruga Lal Jeyan J V, Tenzingthiley Bhutia, Akash Golsar, Sanjay Kumar Mylabathula, Pankaj Kumar Dwivedi and Pradyumna Rangnath Surwase	Computational study for improvement of aerodynamic performance of airfoil by changing various aerodynamic properties
1	ICCS_105	Bilji C Mathew, Oindrila Bandyo, Akash Tomar, Akhil Ahuja, Amit Kumar and Kulvant Patil	A review on computational drag analysis of rocket nose cone
1	ICCS_110	Bridjesh P, Geetha N K, Gowtham N. Siva Naga Sai, Pruthweeshwar U, Ravi U. Chandra and Jashwanth N	Structural Analysis of Air Powered Car

1	ICCS _128	Amulya Ponnuru, Likhitha Yalamarathi, Bindu Madhavi M, Sumit Kumar Jindal	An Experimental Design Approach to IoT Enabled Smart Parallel Irrigation System Using Embedded Microcontrollers
1	ICCS _129	Ananya Kulshrestha, Sumit Kumar Jindal	IoT based Experimental Prototype of Fully Automated Smart Pan for Differently Abled Panhandlers

# Workshop on Technological Innovations in Education and Knowledge dissemination.

Technical Session – 1<sup>st</sup> May 2021 - 14.30 to 16.30 IST

<i>Session</i>	<i>Paper ID</i>	<i>Authors Name</i>	<i>Paper Title</i>
1	ICCS_28	Nadia El Ouesdadi and Sara Rochdi	Digital mediated pedagogical innovation in the teaching and learning of French at the Moroccan university: The case of online pedagogical videos
1	ICCS_38	Amita Dhankhar and Kamna Solanki	Comparative analysis of various techniques used for predicting student's performance
1	ICCS_57	Parul Khurana, Gulshan Kumar and G Geetha	Exploring the potential of Distributed Ledger Technology in publication industry – A technological review
1	ICCS_59	Pavel Keyno and Alexander Novikov	Practice of organizing web-conferences by Conflab Abstract Management System
1	ICCS_79	Wilver Auccahuasi, Kitty Urbano, Marco Felipe, Orlando Pacheco, Juana Sandivar, Carlos Ledezma, Edwin Felix and Mario Ruiz	Design of a low-cost virtual reality system, as an aid mechanism in online classes for children
1	ICCS_84	Wilver Auccahuasi, Kitty Urbano, Marco Felipe, Orlando Pacheco, Christian Ovalle, Ivan Perez, Edwin Felix and Mario Ruiz	Methodology to evaluate the levels of attention and meditation in the development of virtual classes through BCI devices

