Date & Venue: 15th December, 2023 ONLINE MODE
Session Chair: Dr. Rajesh Dhanaraj
(Symbiosis Institute of Computer Studies and Research, Pune)
Dr. Preetinder Singh Brar
(Professor, Chitkara University)
preetinder.brar@chitkara.ed.in, rajesh.dhanaraj@sicsr.ac.in, drmeenuchd@gmail.com
Session Coordinator: Mr. Mir Amir Hamid
Timings: 1:30 pm to 3:30 pm

Paper ID	Paper Title	Theme	Country	Time Slot
118	Integrating AI-Enabled Post-Quantum Models in Quantum Cyber-Physical Systems Opportunities and Challenges	Machine Learning	MALAYSIA	1:30 to 1:45
9	AI-Driven Global Talent Prediction: Anticipating International Graduate Admissions	Machine Learning Principles	INDIA	1:45 to 2:00
13	Real-Time Identification of Traffic Actors using YOLOv7	AI and Deep Learning	INDIA	2:00 to 2:15
21	English Accent Detection Using Hidden Markov Model (HMM)	Machine Learning Principles	INDIA	2:15 to 2:30
23	Exploring Image segmentation Approaches for medical image analysis	Deep Intelligence for Interdisciplinary Research	INDIA	2:30 to 2:45
121 (116)	Quantum Deep Learning on Driven Trust-Based Routing Framework for IoT in the Metaverse Context	Machine Learning	MALAYSIA	2:45 to 3:00
28	Integrating Metaverse and Blockchain for Transparent and Secure Logistics Management	AI and Deep Learning	MALAYSIA	3:00 to 3:15
29	Revolutionizing Cybersecurity: An In-depth Analysis of DNA Encryption Algorithms in Blockchain Systems	Machine Learning Principles	MALAYSIA	3:15 to 3:30

Date & Venue: 15th December, 2023 ONLINE MODE
Session Chair: Dr Sarvesh Tanwar
(Professor, Amity University, Noida)
Dr. Brahmaleen K Sidhu
(Professor, Punjabi University, Patiala)
Dr. Amandeep Bhullar
(Professor, Chitkara University)
stanwar@amity.edu, brahmaleen.sidhu@gmail.com, amandeep.bhullar@chitkara.edu.in
Session Coordinator: Ms. Deepika Sharma
Timings: 1:30 pm to 3:30 pm

Paper ID	Paper Title	Theme	Country	Time Slot
36	Crop Recommendation using Machine Learning	Machine Learning Principles, Smart Solutions and Business Strategies	INDIA	1:30 to 1:45
117	Quantum Cloud Computing: Integrating Quantum Algorithms for Enhanced Scalability and Performance in Cloud Architectures	Cloud Computing	MALAYSIA	1:45 to 2:00
120	Adaptive Resource Allocation and Optimization in Cloud Environments: Leveraging Machine Learning for Efficient Computing	Cloud Computing	MALAYSIA	2:00 to 2:15
126 (119)	Efficient IIoT Framework for Mitigating Ethereum Attacks in Industrial Applications Using Supervised Learning with Quantum Classifiers	Blockchain and iot	MALAYSIA	2:15 to 2:30
127	Quantum Computing in the Era of IoT: Revolutionizing Data Processing and Security in Connected Devices	Blockchain and iot	MALAYSIA	2:30 to 2:45
50	Blood Bank Mobile Application of IoT-based Android Studio for COVID-19	Data Science Techniques for Handling Epidemic, Pandemic	INDIA	2:45 to 3:00

52	Drowsiness Detection in Drivers: A Machine Learning Approach using Hough Circle Classification Algorithm for Eye Retina Images	Machine Learning Principles	INDIA	3:00 to 3:15
53	Recent Applications of Linear Regression in Machine Learning	Machine Learning Principles	AFGANISTAN	3:15 to 3:30

Date & Venue: 15th December, 2023 ONLINE MODE
Session Chair: Dr. Suresh Limkar
(Professor, AISSMS Institute, Pune)
Dr. Deepika Chaudhary
(Professor, Chitkara University)
Dr. Jaspreet Bajaj
(Professor, Chitkara University)
sureshlimkar@aissmsioit.org, deepika.chaudhary@chitkara.edu.in, jaspreet.bajaj@chitkara.edu.in
Session Coordinator: Ms. Rajwinder Kaur
Timings: 1:30 pm to 3:30 pm

Paper ID	Paper Title	Theme	Country	Time Slot
57	Deep Learning-based Chronic Kidney Disease (CKD) Prediction	AI and Deep Learning	INDIA	1:30 to 1:45
62	Cattle Identification using Muzzle Images	AI and Deep Learning	INDIA	1:45 to 2:00
72	Internet of Health Things-enabled monitoring of vital signs in hospitals of the future	Machine Learning Principles	INDIA	2:00 to 2:15
90	Artificial Intelligence-based learning techniques for accurate prediction and classification of Colorectal Cancer	Machine Learning Principles	INDIA	2:15 to 2:30
92	A Review of Privacy-Preserving Machine Learning Algorithms and Systems.	Machine Learning Principles	INDIA	2:30 to 2:45
95	LANDSLIDE IDENTIFICATION USING CONVOLUTIONAL NEURAL NETWORKS	Machine Learning Principles	INDIA	2:45 to 3:00
96	Retinal vessel segmentation using morphological operations	Machine Learning Principles	INDIA	3:00 to 3:15

Paper ID	Paper Title	Theme	Country	Time Slot
97	Liver Segmentation Using Shape Prior Features With Chan-Vese Model	Machine Learning Principles	INDIA	3:15 to 3:30

Date & Venue: 15th December, 2023 ONLINE MODE
Session Chair: Dr. Anshul Verma
(Professor, Banaras Hindu University)
Dr. Maninder Khanna
(Professor, Chitkara University)
Dr. Amanpreet Singh
(Professor, Chitkara University)
anshul.verma@bhu.ac.in, maninder.khanna@chitkara.edu.in, amanpreet.singh@chitkara.edu.in
Session Coordinator: Ms. Nupur Tyagi
Timings: 1:30 pm to 3:30 pm

Paper ID	Paper Title	Theme	Country	Time Slot
98	SLODS: Real –Time Smart Lane Detection and Object Detection System	Machine Learning	INDIA	1:30 to 1:45
99	ONLINE VIDEO CONFERENCE ANALYTICS - A SYSTEMATIC REVIEW	AI and Deep Learning	INDIA	1:45 to 2:00
100	Computational Task Offloading Using Deep Q Learning in Mobile Edge Computing	Machine Learning	INDIA	2:00 to 2:15
103	A Comprehensive Analysis of Driver Drowsiness Detection Techniques	AI and Deep Learning	INDIA	2:15 to 2:30
105	Sales Analysis :Coco-cola Sales Analysis using Data Mining Techniques for Predictions and Efficient growth in sales	Machine Learning	INDIA	2:30 to 2:45
108	Statistical Analysis of Consumer Attitudes towards Virtual Influencers in the Metaverse	Machine Learning	INDIA	2:45 to 3:00
4	Developing Spell Check and Transliteration tools for Indian Regional Language-Kannada	AI and Deep Learning	INDIA	3:00 to 3:15
CUDC 43 119	Pediatric Thyroid Ultrasound Image Classification Using Deep Learning: A Review	Machine Learning	INDIA	3:15 to 3:30

Date & Venue: 15th December, 2023 ONLINE MODE
Session Chair: Dr. Manish Sharma, Dr. Ruchi Mittal and Dr. Varun Malik
manish.sharma@chitkara.edu.in, ruchi.mittal@chitkara.edu.in, varum.malik@chitkara.edu.in
Session Coordinator: Ms. Taruna Sharma
Timings: 1:30 pm to 3:30 pm

Paper ID	Paper Title	Theme	Country	Time Slot
24	Study of Exascale Computing: Advancements, Challenges, and Future Directions	Deep Intelligence for Interdisciplinary Research	INDIA	1:30 to 1:45
CUDC (328) 128	Efficient Lung Cancer Detection in CT scans through GLCM Analysis and Hybrid Classification	Machine Learning	INDIA	1:45 to 2:00
CUDC 75 133	A FEDERATED LEARNING APPROACH TO CLASSIFY DEPRESSION USING AUDIO DATASET	Machine Learning	INDIA	2:00 to 2:15
CUDC 94 137	A COMPREHENSIVE REVIEW OF FEDERATED LEARNING: METHODS, APPLICATIONS, AND CHALLENGES IN PRIVACY-PRESERVING COLLABORATIVE MODEL TRAINING	Machine Learning	INDIA	2:15 to 2:30
CUDC (371) 141	REVIEW OF TECHNIQUES FOR DIAGNOSIS OF MEIBOMIAN GLAND DYSFUNCTIONSING IR IMAGES	Machine Learning	INDIA	2:30 to 2:45
CUDC (294) 149	Artificial Intelligence and Machine Vision-based Assessment of Rice Seed Quality	Machine Learning	INDIA	2:45 to 3:00
46	Forecasting Mobile Prices: Harnessing the Power of Machine Learning Algorithms	Machine Learning Principles	INDIA	3:00 to 3:15
49	Analysis Of Soil Moisture Using Raspberry Pi Based on IoT	Machine Learning Principles	INDIA	3:15 to 3:30

Date & Venue: 16th December, 2023 ONLINE MODE
Session Chair: Dr. Nitin Goyal
(Professor, Central University, Haryana)
Dr. Jaswinder Singh
(Professor, Chitkara University)
Dr. Kalpna Guleria
(Professor, Chitkara University)
dr.nitin@cuh.ac.in, jaswinder.singh@chitkara.edu.in, kalpna@chitkara.edu.in
Session Coordinator: Ms. Payal Kaushal
Timings: 10:30 am to 12:30 pm

Paper ID	Paper Title	Theme	Country	Time Slot
10	Designing a Hyperledger Fabric-Based Workflow Management System: A Prototype Solution to Enhance Organizational Efficiency	Software Engineering and Automation	INDIA	10:30 to 10:45
26	Design and Performance Analysis of Electric Shock Absorbers	Software Engineering and Automation	INDIA	10:45 to 11:00
51	Selection of Effective Parameters for Optimizing Software Testing Effort Estimation	Software Engineering and Automation	INDIA	11:00 to 11:15
40	GAI in Healthcare System: Transforming research in medicine and care for patients	AI and Deep Learning	INDIA	11:15 to 11:30
42	A Systematic study of Multiple Cardiac Diseases by using algorithms of Machine Learning	AI and Deep Learning	INDIA	11:30 to 11:45
34	Development of an analytical model of drain current for Junctionless GAA MOSFET including Source/Drain Resistanc	Engineering Mathematics and Physics	INDIA	11:45 to 12:00

Date & Venue: 16th December, 2023 ONLINE MODE
Session Chair: Dr. Tanuja Dhope
(Professor, Bharati Vidyapeeth College of Engineering, Pune)
Dr. Neelam Dahiya
(Professor, Chitkara University)
Dr. Harmaninderjit Singh
(Professor, Chitkara University)
tanujadhope@gmail.com, neelam.rani@chitkara.edu.in, harmaninder.jit@chitkara.edu.in
Session Coordinator: Mr. Kamalpreet
Timings: 10:30 am to 12:30 pm

Paper ID	Paper Title	Theme	Country	Time Slot
37	Environment and Sustainability Development: A ChatGPT Perspective	Computing in Business and Learning	INDIA	10:30 to 10:45
70	Cloud Computing Empowering E commerce Innovation	Computing in Business and Learning	AFGANISTAN	10:45 to 11:00
94	Analysis of Data Backup and Recovery Strategies in the Cloud	Computing in Business and Learning	CANADA	11:00 to 11:15
43	Fuzzy L-R Analysis of Queue Network with Priority	Engineering Mathematics and Physics	INDIA	11:15 to 11:30
59	Optimizing Congestion Collision using Effective Rate Control with Data Aggregation Algorithm in Wireless Sensor Network	Data Communication and Computer Networks	INDIA	11:30 to 11:45
60	A Comprehensive Review on Wireless Sensor Network	Data Communication and Computer Networks	INDIA	11:45 to 12:00
65	Simulation Based Evaluating AODV Routing Protocol Using Wireless Networks	Data Communication and Computer Networks	INDIA	12:00 to 12:15

Date & Venue: 16th December, 2023 ONLINE MODE
Session Chair: Dr. Meenu Sharma
(Doctoral Research Mentor, Smarttech Technologies, Mohali, CSIR-Open Bioinformatics Foundation Member)
Dr. Rupinder Singh and Dr. Vandana Bajaj
rupinder.1153@chitkara.edu.in, vandana.bajaj@chitkara.edu.in
Session Coordinator: Ms. Parul Malik
Timings: 10:30 am to 12:30 pm

Paper ID	Paper Title	Theme	Country	Time Slot
82	DDoS Attack Detection Methods, Challenges and Opportunities: A Survey	Data Communication and Computer Networks	INDIA	10:30 to 10:45
102	Securing the Boundless Network: A Comprehensive Analysis of Threats and Exploits in Software Defined Network	Data Communication and Computer Networks	INDIA	10:45 to 11:00
CUDC(538) 142	The Influence of Compact Modalities on Complexity Theory	Data communication and computer network	INDIA	11:00 to 11:15
CUDC 8 116	Location-Aware based Energy-Efficient Routing Technique for FANETs	Data communication and computer networks	INDIA	11:15 to 11:30
CUDC 55 122	Hybrid Security of EMI Using Edge-Based Steganography and Three-Layered Cryptography	Data communication and computer networks	INDIA	11:30 to 11:45