IC4S'05 Volume 1 (Conference Date 29 Feb to 1 March, 2024)
Program and Presentation Schedule Accepted and Registered Papers
Conference Presentation and Final Schedule

29 Feb, 2024 (Day 1) : Thrusday

10:00-11:00AM	**Arival of Presenters and Delegates for the Conference (Venue: CONFERENCE ROOM, MAITRIKA AUDITORIUM, SMVDU University, Katra)**
11:00-12:30PM	**29/02/2024 (Minute to Minute & Inaugural Program Schedule) :- Google Meeting link; meet.google.com/hsf-dccg-wtc** **Date 29/02/2024 Time: 11:00 AM IST (Google Meet Link is for Inaugural Purpose Only)**
12:30-1:45 PM	**High Tea & Lunch Break : 12:30-1:45 PM (29 Feb, 2024)**

ZOOM MEETING DETAILS FOR PAPER PRESENTATIONS: **Zoom**

Meeting ID: 854 7809 9428, Passcode: 2024

ZOOM MEETING LINK FOR PAPER PRESENTATIONS: https://us06web.zoom.us/j/85478099428?pwd=rIlOvclXbcfWbxtnAaiaHQkKa8XwKr.1

1:45-2:00PM	*A Online Session by Dr. Rajesh Gupta on Preparation of Copyright Form and Guidelines to be Followed*
2:00-3:30PM	**Day 1 (29 Feb, 2024) : 2:00 PM to 3:30 PM Parallel Presentation in Physical Mode (Shool of Computer Science, SMVDU)**

Session Chair's : Dr. Baijnath Kaushik, Dr. Ajay Kaul, Dr. Sakshi Arora, Dr. Manju Khari

29-Feb-24	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Mode
2:00-3:30PM	26	**On Static Android Malware Detection and Analysis: A Systematic Review**	**Sahil Sharma**	**Physical Mode**
2:00-3:30PM	28	**A Systematic Review of Deepfake Detection Using Learning Techniques And Vision Transformer**	**Twinkle Rajput**	**Physical Mode**

2:00-3:30PM	219	An empirical evaluation of design smells and code smells over multiple versions of software evolution	KAPIL SHARMA	Physical Mode
2:00-3:30PM	252	Machine Learning Innovations in Polycystic Ovarian Syndrome Diagnosis: A Comprehensive Review	Hridyanshu Slathia	Physical Mode
2:00-3:30PM	95	Intelligent Diagnosis of Autism Spectrum Disorder: Harnessing Machine Learning for Enhanced Early Detection	Tushar Taggar	Physical Mode
2:00-3:30PM	156	Design and Fabrication of PCB based Proximity Sensors for Application in Automatic Railway Crossing System	Purnima Hazra	Physical Mode
2:00-3:30PM	171	Bridging The Disparity: A Web-Based Enrollment Management System to Improve Rate of Application Fee Payments in University Admission	Anirudh Salaria	Physical Mode
2:00-3:30PM	246	Detecting Depressive Symptoms on Social Media: A Comprehensive Review of Methodologies and Strategies for Suicide Prevention	Rajat Kumar Godara	Physical Mode
2:00-3:30PM	203	Artificial Intelligence and Machine Learning in Autism Detection: From Common to Rare Disorders	Arshia Gupta	Physical Mode
2:00-3:30PM	245	FeaTrim-ViT: Vision Transformer Trimming with One Shot Neural Architecture Search in Continuous Optimization Space and Efficient Feature selection	Shashwat Sharma	Physical Mode
2:00-3:30PM	240	Emerging Trends of Artificial Intelligence in Detecting Neurodegeneration	Dr. Davinder Paul Singh	Physical Mode
2:00-3:30PM	182	Navigating Automation: Process Analysis Framework for Robotic Process Automation Adoption	Veena Tripathi	Physical Mode
2:00-3:30PM	258	Using Machine learning to unveil early signs of Parkinson's Disease: A Review	Rudraksh Manoj	Physical Mode

Session 01	Parallel Session 01 (Online Mode), Time: 2:00 to 3:30 PM			
Session Chair: Dr Pushan Kumar Dutta, Amity School of Engineering and Technology, Amity University, Kolkata, India **Session Chair: Dr. Priyanka Chawla, NIT Warangal, India, Dr. Sudeep Tanwar, Nirma University Ahmedabad, India**				
29-02-2024	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
2:00-3:30PM	6	**COMPATIBILITY CHECKING TO ADOPT MANET IN LoRaWAN**	**Sanjukta Pal**	IC4S'05V1
2:00-3:30PM	31	Probabilistic Forecasting Prediction Model for Anticipating Days with Elevated Air Pollution	Shikha Singh	IC4S'05V1
2:00-3:30PM	39	Garbage Classification Using Computer Vision	Mamta Arora	IC4S'05V1
2:00-3:30PM	48	Efficient fine-tuned Deep Learning ResNet model for Tomato Leaf Disease Classification	Smita R Sankhe	IC4S'05V1
2:00-3:30PM	50	Fine-tuned Xception model for Potato Leaf Disease Classification	Nirmala Shinde	IC4S'05V1
2:00-3:30PM	51	Vehicle Detection and Classification using Deep Learning Techniques: A Review	Leeladhar Kumar Gavel	IC4S'05V1
Session 02	Parallel Session 02 (Online Mode), Time: 2:00 to 3:30 PM			
Session Chair : SMVDU_SS04 **Session Chair: Dr Sachin Kumar, Amity University, Lucknow Campus, India** **Session Chair: Dr. Anand Srivastava, TCS India, Dr. Amit Sharma, SFU, Russia**				

29-02-2024	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
2:00-3:30PM	62	Machine Learning-Based Diabetic Retinopathy Detection: Exploring Techniques and Methods	Urmila Pilania	Special Session
2:00-3:30PM	65	Optimizing Graph Colorings: Unleashing the Power of Heuristic Algorithms for Enhanced Problem Solving	Shainky Dahiya	IC4S'05V1
2:00-3:30PM	67	A Load Balancing Approach Using Binary Search	Dr. Shalu Singh	Special Session
2:00-3:30PM	72	Personality Trait Classification from Online Text using Hybrid Deep Learning Techniques	SUNIL KUMAR	Special Session
2:00-3:30PM	73	MemXNet: A Multimodal approach for video memorability prediction	Anuprabha Bhardwaj	IC4S'05V1
2:00-3:30PM	74	Alzheimer Detection using Prominent Preprocessing Methods and Convolutional Neural Networks	Purushottam Kumar Pan	Special Session

Session 03	Parallel Session 03 (Online Mode), Time: 2:00 to 3:30 PM

Session Chair :   SMVDU_SS05
Session Chair: Dr Brahm Hazela, Amity University, Lucknow Campus, India
Session Chair: Dr. Punit Gupta, Trinity College of Dublin, Ireland, Dr. Rajesh Gupta, Nirma University Ahmedabad, India

29-02-2024	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
2:00-3:30PM	82	Enhancing Software Reliability Through Hybrid Metaheuristic Optimization	Narender Gautam	Special Session
2:00-3:30PM	91	Anomaly Detection for Automated Cyber Attacks: Hybrid SVM ML-Based Approach	Ravi Shankar Mr Jha	IC4S'05V1
2:00-3:30PM	92	Combined RNN approach for addressing Morphological, Syntactical, and Semantic Challenges in Image Captioning	Sanchali Das	Special Session
2:00-3:30PM	94	A Novel FR4-Based Slot Antenna with Circular Metasurface for Aerospace CubeSats	Mohamed El Bakkali	IC4S'05V1

2:00-3:30PM	96	Compact and high-gain RFID Reader Antennas for Future Internet of Things Applications	Mohamed El Bakkali	IC4S'05V1
2:00-3:30PM	107	Blockchain Security in Cloud Computing: Use Cases, Challenges, and Solutions	Amit Kumar Tyagi	IC4S'05V1

Session 04	**Parallel Session 04 (Online Mode), Time: 2:00 to 3:30 PM**			
Session Chair : SMVDU_SS06 **Session Chair: Dr Rohit Tanwar, UPES, Dehradhun, India** **Session Chair: Dr. Hari Mohan Rai, International IT University, Kazakistan**				
29-02-2024	**Paper ID**	**Paper Title**	**Primary Contact Author Name [As per CMT]**	**Track for Online Mode**
2:00-3:30PM	112	A Compact and Extremely Stiffness CPW-Fed Metal-only Patch Antenna Array for Unlimited Lifetime 2U CubeSat Mission Capabilities	Mohamed El Bakkali	IC4S'05V1
2:00-3:30PM	114	Jeans-Based UWB UHF Textile Patch Antenna for IoT Applications	Mohamed El Bakkali	IC4S'05V1
2:00-3:30PM	127	Machine Learning-Based Diabetic Retinopathy Detection Using Iris Texture Feature Extraction	Paras Santosh Palli	IC4S'05V1
2:00-3:30PM	144	A Comprehensive Review of Handwriting-Based ADHD Detection in Children with Autism Spectrum Disorder Using Machine Learning	Reny Abesha	IC4S'05V1
2:00-3:30PM	145	An Empirical Investigation into Quantum Algorithms	Dr Ritika Wason	IC4S'05V1
2:00-3:30PM	151	Improving Low-Light Images Using an Advanced Histogram Equalization Method and a Self-Calibrated Illumination Technique	Kanchan Jha	IC4S'05V1
Session 05	**Parallel Session 05 (Online Mode), Time: 3:30 to 5:00 PM**			

29-02-2024	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
3:30-5:00 PM	211	A Comprehensive Study of Image Re-Ranking Methods in Visual and Semantic Features	SARAVANAKUMAR S	IC4S'05V1
3:30-5:00 PM	174	Bank Churn Prediction: A Holistic Churn Analysis on Imbalanced Data using ML Techniques	Diksha Ganchaudhuri	IC4S'05V1
3:30-5:00 PM	175	Dual Ring Star 16-QAM Constellation Partitioning Based SCMA Codebook	Prof Vipin balyan	IC4S'05V1
3:30-5:00 PM	178	Next-Gen Language Mastery: Exploring Advances in Natural Language Processing Post-Transformers	Swati Dr. Sharma	IC4S'05V1
3:30-5:00 PM	204	Optimizing Real-Time Performance in ML-Based Application Layer Firewalls	Tushar Malik	IC4S'05V1

Session 06	Parallel Session 06 (Online Mode), Time: 3:30 to 5:00 PM

29-02-2024	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
3:30-5:00 PM	196	Various Techniques and Applications of 5G Technology: A Comparison of 5G vs 4G/3G	Mussaratjahan Korpali	IC4S'05V1
3:30-5:00 PM	197	Yoga Pose Estimation Using MoveNet Preprocessor and Deep Learning Technique	Dr. Ritu Rani	IC4S'05V1
3:30-5:00 PM	200	Blockchain Technology for the Development of an IoT-Driven Intelligent Security and Communication System	Ravinder Singh Madhan	IC4S'05V1

3:30-5:00 PM	201	PQDTFCNNet: Time-Frequency Convolution Neural Network for Classification of Single and Combined Power Quality Disturbances	Uvesh Sipai	IC4S'05V1
3:30-5:00 PM	202	Unleashing the Potential: Overcoming Hurdles and Embracing Generative AI in IT Workplaces: Advantages, Guidelines, and Policies	Pan S Dhoni	IC4S'05V1

Session 07	**Parallel Session 07 (Online Mode), Time: 3:30 to 5:00 PM**

Session Chair : SMVDU_SS09
Session Chair: Dr Jitendra Bhatia, Nirma University, Ahmedabad, India
Session Chair: Dr. Sapna Juneja, KIET Group of Institutions, India

29-02-2024	**Paper ID**	**Paper Title**	**Primary Contact Author Name [As per CMT]**	**Track for Online Mode**
3:30-5:00 PM	214	Managing Spam Images on Android: An Approach Utilizing Machine Learning and NLP	Om Ulhas Nagvekar	IC4S'05V1
3:30-5:00 PM	249	Enhancing Video Content Accessibility through YouTube Transcript Summarization	Apurva Krishnadeo Vhatkar	IC4S'05V1
3:30-5:00 PM	221	Developing Innovative Approaches for Yield Forecasting through Climate Variables	Anshul Sheoran	IC4S'05V1
3:30-5:00 PM	233	A perspective to Disaster and Emerging technologies for Disaster management	Deepika Mahajan	IC4S'05V1
3:30-5:00 PM	208	Fortifying Cyber Defenses: A Deep Dive into the Development of an AI-Powered Network Intrusion Detection System	Hari Mohan Rai	IC4S'05V1

Session 08	**Parallel Session 08 (Online Mode), Time: 3:30 to 5:00 PM**

Session Chair :   SMVDU_SS10
Session Chair: Prof. Malaram Kumhar, Nirma University, Ahmedabad, India
Session Chair: Dr Pronaya Bhattacharya, Amity School of Engineering and Technology, Amity University, Kolkata, India

29-02-2024	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
3:30-5:00 PM	314	HsMM-based mobility aware cell association method for dynamic bandwidth management in 5G-FRANs	Vipin Balyan	IC4S'05V1
3:30-5:00 PM	213	Wireless Networks and the Internet of Things: Empowering Connectivity and Smart Applications	Hari Mohan Rai	Special Session
3:30-5:00 PM	210	An economical, time-bound, scalable data platform designed for advanced analytics and AI	Pan S Dhoni	IC4S'05V1
3:30-5:00 PM	195	Advancements in Machine Learning-Based Mental Health Prediction: A Comprehensive Review	Divyakant T Meva	IC4S'05V1
3:30-5:00 PM	12	CNN-Based Model for Real-Time Identification of Face Masks	Priti Kumar	IC4S'05V1

Day 2 (1 March, 2024)

Day 2 of Conference : 10 AM to 12:00 PM (Keynote's & Presentation in Physical Mode)

Day 2 (1 March, 2024) : 12:00 PM to 1:30 PM Parallel Presentation in Physical and Online Mode

Session 09	Parallel Session 09 (Online Mode), Time: 12:00 to 1:30 PM

Session Chair :   SMVDU_SS11
Session Chair: Dr. Jagpreet, NMIMS Deemed to be University, India, Dr. Rajesh Gupta, Nirma University, Ahmedabad, India
Session Chair: Dr. Ashutosh Sharma, SFU Russia

01-03-2024	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
12:00-1:30PM	97	Seamless Mobility: Innovating the Digital Service Landscape in Telecom Industry	ASHOK P	IC4S'05V1
12:00-1:30PM	152	Audio Metadata Tagging	Pratham Singh	IC4S'05V1
12:00-1:30PM	153	Advancing Sustainable Development through Machine Learning-Based Cancer Prediction	Kanu Dr Patel	IC4S'05V1
12:00-1:30PM	193	NewApt: A Python wrapper for improving apt package manager	Bakkia V Lakshmi	IC4S'05V1
12:00-1:30PM	180	Deep Learning and IoT for Smart Parking System : A Review	Jitali D Patel	IC4S'05V1

Day 2 (1 March, 2024) : 12:00 PM to 1:30 PM Parallel Presentation in Physical and Online Mode

Session 10	Parallel Session 10 (Online Mode), Time: 12:00 to 1:30 PM

Session Chair : SMVDU_SS12
Session Chair: Dr. Anupam Singh, GEHU Dehradun, India
Session Chair: Dr. Shabana Ziyad, Prince Sattam Bin Abdulaziz University, Saudi Arabia

	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
12:00-1:30PM	58	Security Threats & Data Protection Methods Used in Cloud Computing: A Review	Ruchika Sharma	IC4S'05V1
12:00-1:30PM	60	Load Balancing Algorithms for Cloud Computing Performance: a Review	Ruchika Sharma	IC4S'05V1
12:00-1:30PM	78	Classification of dry beans into Genetic Varieties using deep learning-based Convolutional Neural Networks (CNNs)	Tafim Faysal	Special Session
12:00-1:30PM	80	Generative Models in Image Synthesis: A review	Ruchika Sharma	IC4S'05V1
12:00-1:30PM	106	Role of Artificial Intelligence and Internet of Things (IoT) in the automobile industry: Research Gaps and Challenges for Society	Amit Kumar Tyagi	IC4S'05V1

Day 2 (1 March, 2024) : 12:00 PM to 1:30 PM Parallel Presentation in Physical and Online Mode

Session 11	Parallel Session 11 (Online Mode), Time: 12:00 to 1:30 PM

Session Chair: Dr. Aruna Malik, NIT Jalandhar, India, Dr. Amit Sharma, SFU, Russia
Session Chair: Dr. Harsh Khatter, KIET Group of Institutions, India

	Paper ID	Paper Title	Primary Contact Author Name [As per CMT]	Track for Online Mode
12:00-1:30PM	111	Enabling Modern IoT Solutions with RFID Devices via an Integrated Feeding Network-fed Ultra-Wide HPBW Patch Antenna Array	Mohamed El Bakkali /Sangeeta Garg	IC4S'05V1

12:00-1:30PM	133	Adoption of Blockchain in Banking Industry: Challenges and Perspectives	Sidharth Quamara/Nitin Shelke	IC4S'05V1
12:00-1:30PM	93	Consumer Perspectives for Purchase Intentions of Online Pharmacy Products Using Generative Artificial Intelligence	SUBHRENDU GUHA NEOGI	IC4S'05V1
12:00-1:30PM	3	Pandemic Pulse: Unveiling Insights with the Global Health Tracker through AI & ML	Dr.Kamal Upreti	IC4S'05V1
12:00-1:30PM	182	Navigating Automation: Process Analysis Framework for Robotic Process Automation Adoption	Veena Tripathi	IC4S'05V1
12:00-1:30PM	*17*	*Enhanced Rear-end collision detection and localization scheme using deep learning algorithms in fog-based Internet of vehicles*	*Jyotsna Singh/Farkhana Binti Muchtar*	*IC4S'05V1*
12:00-1:30PM	109	Deepfake Image Forgery Detection for Suspicious Images	Kunal Chanda	IC4S'05V1

Valedictory session: 1:30 PM Onwards (1st March, 2024)

Conference Website: www.ic4s.co.in [All updated will be shared at Conference Website/ CMT Portal]

Link to Update Registration Details after the Payment of Registration Fee: https://forms.gle/QxJecdHioRC8pxfK6

For any query, please address at conference Email : ic4s2020@gmail.com