

MAI 2022 Schedule

Day 1, March 4, 2022	
<p>15:00 – 16:30 Hr Session Chair: Dr. Manish Kumar Bajpai (IIITDM Jabalpur) Link: meet.google.com/dps-zswv-pxb</p>	<p>Inauguration Talk by Chief Guest: Prof. Zervakis Michalis & Dr Marios Antonakakis, Technical University Crete, Greece</p>
<p>16:30 Hrs – 18:00 Hrs Session Chair: Dr. Ranjeet Kumar (VIT Chennai) Link: meet.google.com/aoc-zxyn-pdt</p>	<p>Dr. Akber Sheikh Akbari & Dr. Zarachoff, Leeds Beckett University, UK</p>
Day 2, March 5, 2022	
<p>10:00 – 11:30 Hrs Session Chair: Dr. Koushendra Kumar Singh (NIT Jamshedpur) Link: meet.google.com/wng-vjfo-cwf</p>	<p>Prof. Masa TAKEI and Dr. Panji Nursetia, Chaiba University, Japan</p>
<p>Technical Session: I Session Chair: Dr. Vaibhav Soni (NIT Bhopal) Co-Session Chair: Dr. Subash Chandra, OP Jindal University, Raipur Link: meet.google.com/bup-fwmw-bxh</p>	<p>Technical Session: II Session Chair: Dr. Nidhi Gupta, NIT Hamirpur Co-Session Chair: Dr. Diwakar Tripathi, Thapar Institute of Engineering Technology Link: meet.google.com/fbx-xjhj-faj</p>
<p>11:45 – 12:45 Hr</p>	<p>11:45 Hr – 12:45 Hr</p>
<p>Detection of Physical Impairments on Solar Panel using YOLOv5 Ashutosh Kumar Sahoo, Swagatika Behera, Shivam Maurya and Paresh Kale</p>	<p>Image Processing Techniques on Porous Silicon to Estimate Porosity and Pore Size Meenakshi Panigrahy, Shivam Maurya and Paresh Kale</p>
<p>Solar PV System Fault Classification using Machine Learning Techniques Chisola Nyala, Vinayaka Hiremath and Paresh Kale</p>	<p>A light-weight Network for detecting Pedestrians in Hazy Weather Balaram Murthy Chintakindi and Mohammad Farukh Hashmi</p>
<p>HAND GESTURE-BASED RECOGNITION SYSTEM FOR HUMAN-COMPUTER INTERACTION Rajarshi Das, Roshan Kumar Ojha, Dipam Tamuli, Swapnil Bhattacharjee and Niranjana Jyoti Borah</p>	<p>An overview of machine learning techniques focusing on the diagnosis of endometriosis Najme Zehra Naqvi, Kritleen Kaur, Shivangi Singh and Shubhi Khanna</p>
<p>A Time-dependent mathematical model for COVID-19 transmission dynamics and analysis of critical and hospitalized cases with bed requirements Avaneesh Singh, Manish Kumar Bajpai and Shyam Lal Gupta</p>	<p>Automatic Detection & Classification of Healthy and Unhealthy Plant Leaves Reeya Agrawal, Anjan Kumar and Sangeeta Singh</p>
<p>Trustworthiness of Customer Reviews of E-Commerce Portal using Supervised and Semi-supervised Machine Learning Techniques Ritesh Prasad, Sitikantha Chattopadhyay and Shiplu Das</p>	<p>Computergraphic and Photographic Images Classification – A Transfer Learning Approach Sasithradevi A, Shoba S, Chanthini Baskar and Mohamed Mansoor Roomi S</p>

Technical Session:III Session Chair: <i>Dr.B.R.C.Reddy(SRM University)</i> Co- Session Chair: <i>Dr. Ranjeet Kumar, VIT Chennai</i> Link: meet.google.com/yzh-psaz-yqx		Technical Session: IV Session Chair: <i>Dr. Nikhil Kumar, IIIT Nagpur</i> Co- Session Chair: <i>Dr.Shishupal Kumar, IIIT Nagpur</i> Link: meet.google.com/izh-ojxt-ecq	
12:45 – 13:45Hr	MATHEMATICAL MODEL FOR EFFECT OF VACCINATION ON COVID-19 EPIDEMIC SPREAD Avaneesh Singh, Sawan Rai and Manish Kumar Bajpai	12:45 – 13:45Hr	Text Classification Using Hybridization of Meta-heuristic Algorithm with Neural Network Vipin Jain and Kanchan Lata Kashyap
	Generative Adversarial Network Based Data Generation Approach for Intrusion Detection System Evaluation and Analysis on various Classifiers Kundan Kumar Jha, Prabhkirat Singh, Navin Bharti, Vikash Kumar and Ditipriya Sinha		VSCM: Blockchain Based COVID-19 Vaccine Supply Chain Management Sourav Mahapatra, Rakesh Singh Rajput, Manish Kumar and Ditipriya Sinha
	Efficient Supervision Net: Polyp Segmentation Using EfficientNet and Attention Unit Sabari Nathan, R Suganya and R S Rampriya		Traffic Analysis on Videos using Deep Learning Techniques Sri HasaTelanakula and Hemantha Kumar Kalluri
	Software Fault Prediction Using Deep Neural Networks Mohana Ramya Y, Deepthi K, Vamsai A, Jusi Sai A, Neeraj Sharma, B Ramachandra Reddy		Dynamic Deployment Approach to maximizing Probabilistic Area Coverage in Randomly Scattered WSNs Mrutyunjay Rout
	Hybrid Methods for Increasing Security of IoT and Cloud Data Kunal Mahajan, Sunil Kumar and Dilip Kumar		A compartmental Mathematical model of COVID-19 intervention scenarios for Mumbai Avaneesh Singh and Manish Kumar Bajpai
13:45 – 15:00 Hrs		Lunch	
Technical Session:V Session Chair: <i>Dr. Mrutyunjay Rout (NIT Jamshedpur)</i> Co- Session Chair: <i>Dr. Ashish Kumar, VIT Chennai</i> Link: meet.google.com/kjv-xnjy-umv		Technical Session: VI Session Chair: <i>Dr. Sergey Vityazev (Ryazan State Radio Engineering University, Ryazan)</i> Co- Session Chair: <i>Dr. Suraj Suman,Aalborg University, Denmark</i> Link: meet.google.com/mgu-ccih-gyd	
15:00 – 16:00Hr	Computer Vision with the Internet of Things (IoT) Reeya Agrawal and Sangeeta Singh	15:00 – 16:00Hr	Single under-water image enhancement using the modified transmission map and background light estimation Gunjan Verma, Manoj Kumar and Suresh Raikwar
	QUALITY ASSESSMENT OF THE EXPERIMENTAL DATA OF WOOD STRUCTURE USING KANPUR THEOREM Anand Shukla, ManabendraSaha and Dr Richa Dixit		IMAGE FORGERY DETECTION USING BIORTHOGONAL WAVELET TRANSFORM Neeraj Rathore and Neelesh Jain
	Classification of Software Requirements Using Deep Neural Networks Ramachandra Reddy and Sriramulu		A Hybrid and Multi-Objective Approach for Data Leak Detection and Tamper Detection in Healthcare Cloud Medical

	Bojjagani		Data Binod Kumar Singh and SaptarshiRoychowdhury
	Information Retrieval Using Data Mining Archika Jain, Harshita Virwani, Neha Shrotriya and Devendra Somwanshi		A Novel Approach Towards Detection of Glaucoma Using Machine Learning Techniques Venkatanand Ram Addepalli
	Impact of Agricultural Technology on Indian Farmers: A case study on Indo Gangetic Plains of Uttar Pradesh Dr Richa Dixit, Dr Dharendra Kumar Tiwari and Sana Akhtar		Assistive Technologies for Blind and Deaf People: A Case Study AashrithaKondaveeti and Manikandan V M

Day 3, March 6, 2022

Technical Session: VII Session Chair: Dr. Hardev Kumar Thakur (Manav Rachna University) Co- Session Chair: Dr. Deepak Kumar Sharma, NSUT, Delhi Link: meet.google.com/zqn-bigm-cws		Technical Session: VIII Session Chair: Dr. Sangeeta Singh (NIT Patna) Co- Session Chair: Dr. Kunal Singh (NIT Jamshedpur) Link: meet.google.com/jqr-xnrx-pxp	
11:00 – 12:00 Hr	Corn Leaf Disease Detection Using ResNext50, ResNext101, and Inception V3 Deep Neural Net-works Neeraj Sharma and Ramachandra Reddy	11:00 – 12:00 Hr	SPEG - Semiotics Based Panel Extraction from Graphic Novel Divya D M, Karthika Devi M S and Baskaran Ramachandran
	Study of various Word Vector for Sentiment Analysis Madhusudhanan Sampath, Jyothi N.M, Vishnukumar A, Sathya S and Arun Vignesh N		A Comparative Analysis on 2D Ear Recognition Using Deep Convolutional Neural Network Ravishankar Mehta and Koushendra Kumar Singh
	Robust Sliding Mode Controller and Shunt Active Power Filter for Improvement of Power Quality Indices of an Autonomous Micro Grid Subhashree Choudhury, Devi Prasad Acharya, Sambeet Kumar Sahu, Azizuddin Khan and Taraprasanna Dash		An Approach for Waste Classification using Data Augmentation and Transfer Learning Models Nikhil Kumsetty, AmithNekkare, Sowmya Kamath and Anand Kumar
	Adaptive Ridge Edge Detection in Multitemporal Satellite images HemlataDakhore and Kanchan Kashyap		FCM-RGM: Segmentation of nuclei via exact contour enhancement in pap smear Images Jeysri J, Kowsigan M and Jeysri J
	Experimental Result Analysis of Extreme Learning Machine with Various Activation Function : An Application in Credit Scoring Diwakar Tripathi, Y C A Padmanabha Reddy, Shailendra Kumar Tripathi, B. Ramachandra Reddy and Rama KishanDewangan		Abstractive Text Summarization with Fine-Tuned Transformer Ashu Abdul and Phanindra Kumar Siginamsetty Venkata
Technical Session: IX		Technical Session: X	

<p>Session Chair: <i>Dr.Kanchan Lata Kashyap (VIT Bhopal)</i> Co- Session Chair: <i>Dr.Avneesh Kumar, IIT Kanpur</i> Link:meet.google.com/fgk-mohp-owy</p>		<p>Session Chair: <i>Dr. Kusum Kumari Bharti, IIITDM Jabalpur</i> Co- Session Chair: <i>Dr.Anil Kumar Soni, GGU Bilaspur</i> Link:meet.google.com/rhw-ecio-byg</p>	
12:00 - 13:00Hr	<p>Pulmonary lung cancer classification using Deep Neural Networks Jagriti Goswami and Koushlendra Kumar Singh</p>	12:00 - 13:00Hr	<p>Radar Signal Processing for Shaft Rotation Monitoring Denis Valuyskiy, Sergey Vityazev and Vladimir Vityazev</p>
	<p>Machine Learning Assisted MPU6050 Based Road Anomaly Detection Jyoti Tripathi and Bijendra Kumar</p>		<p>Role of Data Augmentation for 2D ear recognition using deep CNN Ravishankar Mehta and Koushlendra Kumar Singh</p>
	<p>Heart Disease Prediction and Classification using Machine Learning Models Sourabh Kumar and Saroj Kumar Chandra</p>		<p>Artificial Intelligence and Machine Learning Algorithms Techniques for Analysis of Yoga Pose Siddharth Gupta and Avnish Panwar</p>
	<p>Computer -Aided leaf Disease Classification based on Logistic Regression and Transfer Learning Approach TrishnaSaikia, Koushlendra Kumar Singh and Dilip Kumar</p>		<p>BINARY PATTERN FOR COPY MOVE IMAGE FORGERY DETECTION Dr. Neeraj Rathore and Neelesh Jain</p>
	<p>Artificial Neural Network based Image Fusion for Surveillance Application Nirmala Paramanandham, Sasithradevi A, Florence Gnana Poovathy</p>		
13:00-13:30Hr : Valedictory: meet.google.com/fgk-mohp-owy			