



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development

November 06 - 07, 2023

Department of Information and Communication Technology, Manipal Institute of Technology,

Manipal Academy of Higher Education, Manipal



Paper Presentation Schedule

Day 1: 6.11.2023		Session 1A: 11:45 AM to 01.00 PM (Offline – Sir M V Seminar Hall)				
Sl.No	Timings	Paper Id	Authors Name	Title of the Paper	Institution Name	Track
1.	11:45 AM – 11:57 AM	132	Radhika R P	The Usability Assessment Of Computer-Assisted Sensory-Motor Vision Therapy Module For Children With Cerebral Palsy	Manipal College of Health Professions, MAHE, Manipal	Soft Computing
2.	11:57 AM – 12:09 PM	176	Ashwath B Rao	Named Entity Recognition using BERT Model for Kannada Language	Manipal Institute of Technology	
3.	12:09 PM – 12:21 PM	195	Samhita Shivaprasad	Detecting fetal brain abnormalities using Deep Learning Technique	Manipal Academy of Higher Education (MAHE)	
4.	12:21 PM – 12:33 PM	199	Anisha Palkar	Bone age estimation of Pediatrics by analyzing hand X-rays using Deep learning Technique	Manipal Academy of Higher Education (MAHE)	
5.	12:33 PM – 12:45 PM	60	Tejashwini P S	Ensemble-based Hybrid Model for Accurate Brain Tumor Classification using MR Images	University of Visvesvaraya College of Engineering	
6.	12:45 PM – 12:57 PM	7	Vishnu B V Sharath S Rao	An Interactive Framework For Querying Data From Large Pdf Files	JSS Academy of technical education Bangalore	Distributed Computing



MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL
(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development

November 06 - 07, 2023

Department of Information and Communication Technology, Manipal Institute of Technology,
Manipal Academy of Higher Education, Manipal



Paper Presentation Schedule

Day 1: 6.11.2023		Session 1B: 11:45 AM to 01.00 PM (Online-ICT LAB 6)				
Sl.No	Timings	Paper Id	Authors Name	Title of the Paper	Institution Name	Track
1.	11:45 AM – 11:57 AM	3	Arati Chabukswar	Fake News Detection Using Optimized Deep Learning model through effective feature extraction.	UVCE, Bangalore University	Soft Computing
2.	11:57 AM – 12:09 PM	78	Sneha Sajith	Anemia Identification from Blood Smear Images Using Deep Learning: An XAI Approach	Government College of Engineering Kannur	
3.	12:09 PM – 12:21 PM	96	Thokchom Kanglei Luchingba	A Novel Implementation of a Cohesive Regional Language Tweet Translator	Amrita School Of Engineering Bangalore	
4.	12:21 PM – 12:33 PM	102	Anooja Ali	Enhancing the Healthcare by an Automated Detection Method for PCOS using Supervised Machine Learning Algorithm	REVA University	
5.	12:33 PM – 12:45 PM	105	Ramanna T	Japanese Language Review Mining using Translators, Word Embedding and ML Techniques	UVCE Bengaluru University Bengaluru	
6.	12:45 PM – 12:57 PM	137	Mahimanjali Lolla	GNN based Trainable Dependency Parser	Amrita Vishwa Vidyapeetham	



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development

November 06 - 07, 2023

Department of Information and Communication Technology, Manipal Institute of Technology,

Manipal Academy of Higher Education, Manipal



Paper Presentation Schedule

Day 1: 6.11.2023		Session 2A: 03:45 AM to 05.00 PM (Offline – Sir M V Seminar Hall)				
Sl.No	Timings	Paper Id	Authors Name	Title of the Paper	Institution Name	Track
1.	03:45 PM – 03:57 PM	40	Vurimi Bhanu Pranay	ClothFormer - A Boundary Aware Self-attention Network for Human Outfit Parsing	KPIT Technologies Limited	Soft Computing
2.	03:57 PM – 04:09 PM	41	Nischal D S	DCSP-RCNN: A Network for Person Detection With Color, Size and Pattern Characteristic Parsing.	KPIT Technologies Limited	
3.	04:09 PM – 04:21 PM	188	Biswajit Halder	De-screening low resolution halftone printed portrait images	Hooghly Engineering and Technology College, West Bengal	
4.	04:21 PM – 04:33 PM	237	Apsana Kotekan	Diseases Identification Using ConvNet In Sugarcane Crops	Biluru Guru Basava Mahaswamiji Institute of Technology Mudhol	
5.	04:33 PM – 04:45 PM	43	Afiya Amjed	Design Of Hybrid Model Based On Chaotic Map To Secure The Images	Jawaharlal Nehru New College of Engineering, Shivamogga	Information Security
6.	4.45 PM – 4.57 PM	166	Sushma R B	An Adaptive Steganography Approach for Live Video Streams Based on Edge Analysis and Frame Variability	JNN College of Engineering Shivamogga	



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development

November 06 - 07, 2023

Department of Information and Communication Technology, Manipal Institute of Technology,

Manipal Academy of Higher Education, Manipal



Paper Presentation Schedule

Day 1: 6.11.2023		Session 2B: 03:45 AM to 05.00 PM (Online – ICT LAB 2)				
Sl.No	Timings	Paper Id	Authors Name	Title of the Paper	Institution Name	Track
1.	03:45 PM – 03:57 PM	148	Sneha N	Integration of Cloud-Sensor Based Framework for Predictive Analysis for Accelerating Knowledge Gain in Agriculture	REVA University	Distributed Computing
2.	03:57 PM – 04:09 PM	186	Srikanth Bhat K	Detecting Crops and Weeds in Fields Using YOLOv6 and FASTER R-CNN Object Detection Models	NMAM Institute of Technology	
3.	04:09 PM – 04:21 PM	197	Rinika Paul	Closed-loop AUV Temperature Control using Internet of Underwater Things-based multi-node underwater communication	Amrita Vishwa Vidyapeetham	
4.	04:21 PM – 04:33 PM	204	Shweta Chauhan	Machine Learning Approaches to Predict the Teams for Fantasy Leagues	Chandigarh University	
5.	04:33 PM – 04:45 PM	198	Ratnalata Gupta	Detecting facial expressions and recognition in a mask wear person	Shivaji Rao Kadam Group of Institutions, Indore (SKITM)	Soft Computing
6.	04:45 PM – 04:57 PM	5	Rahul R	Investigation of malware & threat analysis on APKs using SVM & ANN algorithm - A new approach	REVA University	



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development

November 06 - 07, 2023

Department of Information and Communication Technology, Manipal Institute of Technology,

Manipal Academy of Higher Education, Manipal



Paper Presentation Schedule

Day 2: 7.11.2023		Session 3A: 09:00 AM to 10:15 AM (Offline – Sir M V Seminar Hall)				
Sl.No	Timings	Paper Id	Authors Name	Title of the Paper	Institution Name	Track
1.	09:00 AM – 09:12 AM	128	Bhagyashri R Hanji	Malicious URL Detection using Machine Learning	Dayananda Sagar Academy of Technology and Management, Bangalore	Information Security
2.	09:12 AM – 09:24 AM	134	Chetana Pujari	A user-centric self-sovereign identity-based authentication framework for decentralized data management in healthcare settings	Manipal Institute of Technology	
3.	09:24 AM – 09:36 AM	240	Sudhina Kumar G K	Privacy Preserving Techniques and Mechanisms in Unmanned Aerial Systems	Manipal Institute of Technology	
4.	09:36 AM – 09:48 AM	147	Yashaswi Nayak	Performance Evaluation of IRS-Assisted Cooperative Relaying for Next-Generation Wireless Communication Systems	Manipal Institute of Technology	Communication
5.	09:48 AM – 10:00 AM	156	Ankitha K	Internet of Animal Health Things (IoAHT) Framework for Clinical Mastitis Detection in Dairy Cows	NMAMIT, NITTE	Distributed Computing



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development

November 06 - 07, 2023

Department of Information and Communication Technology, Manipal Institute of Technology,

Manipal Academy of Higher Education, Manipal



Paper Presentation Schedule

Day 2: 7.11.2023		Session 3B: 09:00 AM to 10:15 AM (Online – ICT LAB 2)				
Sl.No	Timings	Paper Id	Authors Name	Title of the Paper	Institution Name	Track
1.	09:00 AM – 09:12 AM	2	Samarth S J	Security Implications on Container Clouds	Nitte Meenakshi Institute of Technology, Bengaluru	Information Security
2.	09:12 AM – 09:24 AM	211	Sindhu B	Customized CNN model for Alzheimer’s disease stages classification and comparison with Transfer Learning	Global Academy of Technology. Bangalore	
3.	09:24 AM – 09:36 AM	86	Balajee Maram	A Framework for Encryption and Decryption using Image Steganography	Chandigarh University	
4.	09:36 AM – 09:48 AM	87	Divya Jennifer Dsouza	A Comparative Study of Feature Extraction Methods in Medical Image Classification using Convolution Neural Network Model	Nitte Institute Of Technology, Nitte	
5.	09:48 AM – 10:00 AM	139	Prathyakshini	Spam Sentinel: Revolutionizing Email Protection Using Machine Learning Techniques	NMAM Institute of Technology Nitte	
6.	10:00 AM – 10:12 AM	158	Namitha M V	Live audio steganography using LSBWAB to covertly communicate secret data.	JNN College of Engineering, Shivamogga	



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development

November 06 - 07, 2023

Department of Information and Communication Technology, Manipal Institute of Technology,

Manipal Academy of Higher Education, Manipal



Paper Presentation Schedule

Day 2: 7.11.2023		Session 4A: 12:00 PM to 01:15 PM (Online – ICT LAB 2)				
Sl.No	Timings	Paper Id	Authors Name	Title of the Paper	Institution Name	Track
1.	12:00 PM – 12:12 PM	133	Sunil Kumar Aithal S	Predicting Citrus Limon Maturity with Precision using Transfer Learning	St. Joseph Engineering College, Mangaluru	Soft Computing
2.	12:12 PM – 12:24 PM	142	Uhma Ponnusamy	Approaching Explainable Artificial Intelligence Methods in the Diagnosis of Iron Deficiency Anemia Using Blood Parameters	Manipal Academy of Higher Education	
3.	12:24 PM – 12:36 PM	228	Shilpa Karegoudra	Estimating The Surface Roughness of a Drilled Surface Using the Edge Detection Technique	NMAM Institute of Technology, Nitte	
4.	12:36 PM – 12:48 PM	109	Yila Caiaphas Makadi	Building Resilient Rural Communities: Participatory Approaches in Khattukhal Village for Sustainable Development	Amrita Vishwa Vidyapeetham	Communication
5.	12:48 PM – 01:00 PM	213	Harish H	Knee Osteoarthritis Prediction Using Deep Learning	Maharani Lakshmi Ammanni College for Women	
6.	01:00 PM – 01:12 PM	220	V. Angayarkanni	Capacity improvement of cell edge users using EI-SC scheme	SRM Institute of Science and Technology	



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development

November 06 - 07, 2023

Department of Information and Communication Technology, Manipal Institute of Technology,

Manipal Academy of Higher Education, Manipal



Paper Presentation Schedule

Day 2: 7.11.2023		Session 4B: 12:00 PM to 01:15 PM (Online – ICT LAB 1)				
Sl.No	Timings	Paper Id	Authors Name	Title of the Paper	Institution Name	Track
1.	12:00 PM – 12:12 PM	150	Mokshil Tandel	Automated Rice Analysis for Sugar Content and Dietary Recommendation	Shree Swaminarayan International Gujarat	Soft Computing
2.	12:12 PM – 12:24 PM	101	Chaithanya Kumar D N	English to Konkani Translator using Hindi as a Pivot Language	NMAM Institute of Technology, Nitte University , Nitte	
3.	12:24 PM – 12:36 PM	135	Priyadharshini S	Multi-Robot Path Planning Using Nash Equilibrium-based Game Theory	Amrita Vishwa Vidyapeetham, Coimbatore, India	
4.	12:36 PM – 12:48 PM	192	Ambati Sahithi	Enhancing object detection and tracking in surveillance video camera	B. V. Raju Institute of Technology	
5.	12:48 PM – 01:00 PM	232	S.Raga Divya	An Efficient and robust ALPR Model using YOLOV8 and LPRNet	B V Raju Institute of Technology	
6.	1.00 PM – 1.12 PM	177	Ahaan Shah & Keyaan Shah	Long Short Term Memory Based Sign Language Detection System	Jayshree Periwal International School & Dhirubhai Ambani International School	