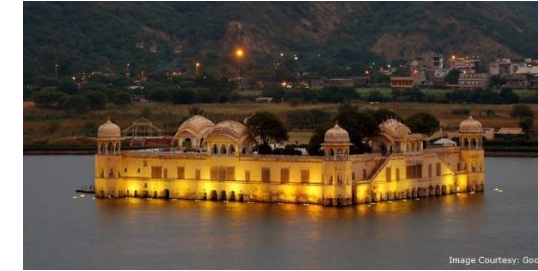




5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA-2020)
13-15 February 2020
Manipal University Jaipur, Rajasthan, India
in collaboration of Scientific Research Group in Egypt (SRGE)



CONFERENCE WEBSITE <http://amlta.com>

AMLTA2020 DAY ONE SCHEDULE

DAY 1: February 13, 2020 (Thursday)		
Activity Name	Time	Venue
Registration & Kit distribution	9:00 am – 9:45 am	Outside Smt Sharda Pai Auditorium
Inaugural Session	10:00 am - 10:40 am	Smt Sharda Pai Auditorium
Group Photo Session	10:40 am – 10:45 am	Outside Smt Sharda Pai Auditorium in front of Peacock portrait
Hi-Tea	10:45 am - 11:15 am	First Floor, Old Food Court
Keynote Speech 1 by Prof Nitin Kr Tripathi, Asian Institute of Technology (AIT), Thailand	11:15 am - 12:00 pm Talk Title: Applications of Machine Learning in Remote Sensing and Space Sciences	Smt Sharda Pai Auditorium
Keynote Speech 2 by Prof Shalabh Bhatnagar, Indian Institute of Science (IISc), Bangalore	12:00 pm - 12:45 pm Talk Title: An Introduction to Stochastic Approximation for Machine Learning	Smt Sharda Pai Auditorium
Invited Talk 1 by Mr Shubham Gupta, Dell Technologies, Bangalore	12:45 pm - 1:30 pm Talk Title: Industrial Challenges & Use Cases related to AI/ML	Smt Sharda Pai Auditorium
NETWORKING LUNCH	1:30 pm – 2:30 pm	First Floor, Old Food Court

SESSION# 1		
2:30 pm – 3:30 pm		
025, 2AB		
External Session Chair:	Prof Neeraj Bhargava, CSE, MDSU, Ajmer	
Internal Session Chair:	Prof Umashankar Rawat, CSE, MUJ, Jaipur	
Rapporteur:	Mr Jayakrishna, CSE, MUJ, Jaipur	
Anchor:	Ms. Anita Shortriya, CSE, MUJ Jaipur	
Paper ID	Paper Title	Authors
P17	Segregating and Recognizing Human Actions from video footages using LRCN Technique	Meet Pandya*, Abhishek Pillai*, Himanshu Rupani
P20	Fall Alert: A Novel Approach to Detect Fall	Kiran Kamble*, Swapnil Sontakke*
P23	Evaluation of Automatic Text Visualization Systems: a Case Study	Priyanka Jain*, Ramchandra Bhavsar, Karimullah Shaik, Ajai Kumar, B. V. Pawar, Hemant Darbari, Virendra Bhavsar*
P71	Experimental & Dimensional Analysis Approach for Human Energy Required In Wood Chipping Process	V. M. Sonde*, P. P. Shirpurkar, M. S. Giripunje, P. P. Ashtankar
SESSION# 2		
2:30 pm – 3:30 pm		
026, 2AB		
External Session Chair:	Prof Ritu Bhargava, CSE, Sophia College, Ajmer	
Internal Session Chair:	Dr Akhilesh Kr Sharma, IT, MUJ, Jaipur	
Rapporteur:	Mr. Manoj R, CSE, MUJ Jaipur	
Anchor:	Ms. Anjana Shyamla, CSE, MUJ Jaipur	
Paper ID	Paper Title	Authors
P84	Real-Time Neural-Net Driven Optimized Inverse-Kinematics for a Robotic Manipulator	Jui Shah*, Arjun Bhasin
P98	Optimization of Loss Functions for Predictive Soil Mapping	Harsh Kotta*, Karan Pardasani*, Megha Pandya*, Ranendu Ghosh*
P133	Natural Language Information Extraction through Non Factoid Question and Answering System	Partha Sarathy Banerjee, Abhijay Ghosh*, Aditya Gupta, Baisakhi Chakraborty
P145	An Enhanced Differential Evolution Algorithm with New Environmental-based Parameters for Solving Optimization Problems	Avjeet Singh*, Alok Kumar, Anoj Kumar
P100	Correlating Personality Traits to Different Aspects of Facebook Usage	Maheshkumar Landge*, Deepali Mahajan*, Namrata C.*
SESSION# 3		
3:45 pm – 4:45 pm		
025, 2AB		
External Session Chair:	Dr. Sunil Jangid, Modi	
Internal Session Chair:	Dr. Sandeep Chaurasia, CSE, MUJ, Jaipur	
Rapporteur:	Mr. Satyabrata Roy, CSE, MUJ, Jaipur	
Anchor:	Mr. Harish Sharma, CSE, MUJ, Jaipur	
Paper ID	Paper Title	Authors
P11	Skin Lesion Analyser: An Efficient Seven-Way Multi-Class Skin Cancer Classification Using Mobile Net	Saket Chaturvedi*, Kajol Gupta, Prakash Prasad
P16	Real-Time Object Detection in Remote Sensing Images using Deep Learning	Vijender Busi Reddy, Pramod Kumar, Venkataraman S
P18	Malaria Detection using Convolutional Neural Network	Pankaj Pundir, Shivam Aggarwal, Maroti Deshmukh*
P120	A new methodology for Language Identification in social media Code-mixed text	Yogesh Gupta*, Ghanshyam Raghuvanshi, Aparna Tripathi
P160	Machine learning techniques for short term forecasting of Wind power generation	Yogesh Gupta*, Amit Saraswat

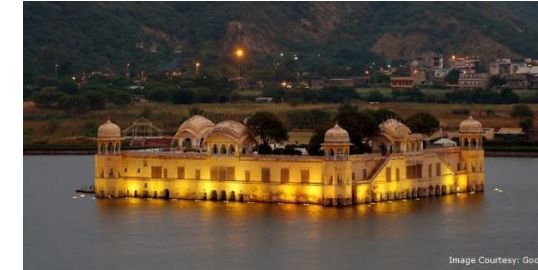
P139	Analysis of Users behaviour on Micro Blogging Site using a Topic	Deepanshu Bharadwaj*, Aparna Tripathi*, Aman Agrawal*, Mohd Aamir Khan*
SESSION# 4	3:45 pm – 4:45 pm	026, 2AB
External Session Chair:	Prof Rajesh K Shukla, CSE, SIRT, RGPV, Bhopal	
Internal Session Chair:	Dr Yogesh Gupta, CSE, MUJ, Jaipur	
Rapporteur:	Mr. Manoj R, CSE, MUJ Jaipur	
Anchor:	Ms. Anjana Shyamla, CSE, MUJ Jaipur	
Paper ID	Paper Title	Authors
P30	Skin Lesion Classification: A Transfer Learning Approach Using Efficient Nets	Vandana Miglani*, MPS Bhatia
P37	Change Footprint Pattern Analysis of Crime Hotspot of Indian Districts	Mohd Shams Tabarej*, Sonajharia Minz*
P38	Itemset Mining based Episode Profiling of Terrorist Attacks using Weighted Ontology	Saurabh Srivastava*, Yogesh Meena, Girdhari Singh
P77	Native Monkey detection using Deep Convolution Neural Network	Pankaj Kumar, Mitalee Shingala
P95	Evaluation and Summarization of Student Feedbacks Using Sentiment Analysis	Vaibhav Jain*, Neeraj Sharma*
P99	Predicting Competitive Weight Lifting Performance using Regression and Tree-based Algorithms	Uma Mahajan*, Anup Krishnan, Vineet Malhotra, Deep Sharma, Sharad Gore
TEA TIME	4:45 PM ONWARDS	FIRST FLOOR, OLD FOOD COURT
GALA DINNER	6:30 PM ONWARDS	BUS WILL LEAVE FOR THE VENUE FROM THE UNIVERSITY GATE AT 6:30 PM



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AMLTa2020 DAY TWO SCHEDULE

DAY 2: February 14, 2020 (Friday)

Activity Name	Time	Venue
Invited Talk 2 Prof Hamidah Ibrahim, CSE, Universiti Putra Malaysia	10:00 am - 10:45 am Talk Title: An Indexed Non-Probability Skyline Query Processing Framework for Uncertain Data	Smt Sharda Pai Auditorium
Hi-Tea	10:45 am - 11:15 am	First Floor, Old Food Court
SESSION# 5	11:15 am – 12:15 pm	025, 2AB
External Session Chair: Internal Session Chair: Rapporteur: Anchor:	Prof Kalpana Sharma, CSE, SMIT, Sikkim Dr Amita Nandal, CCE, MUJ, Jaipur Dr Arvind Dhaka, CCE, MUJ, Jaipur Ms. Vineeta Soni, IT, MUJ, Jaipur	
Paper ID	Paper Title	Authors
P131	Detecting Influencers in Social Networks through Machine Learning Techniques	Syed Ali*, Raguru Jaya Krishna*, Rishabh Makhija*
P138	Application and analysis of K-Means Algorithms on a Decision Support Framework for Municipal Solid Waste Management	Narendra Sharma*, Ratnesh Litoriya*, Akhilesh Sharma*
P161	Android Rogue Application Detection Using Image Resemblance and Reduced LDA	Saket Acharya*, Umashankar Rawat*, Roheet Bhatnagar*
P12	Named Entity Recognition for Legal Documents	Nitish Surana*, Harsh Vardhan*, B.K. Tripathy*
P25	A Novel Approach for Smart Health Care Recommender System	Richa Sharma*, Shalli Rani

NETWORKING LUNCH		11:15 am – 12:15 pm	First Floor, Old Food Court
SESSION# 6		11:15 am – 12:15 pm	026, 2AB
External Session Chair:	Prof Nisheeth Joshi, CSE, Banasthali Vidyapeeth,		
Internal Session Chair:	Dr. Devesh Shrivastava, IT, MUJ, Jaipur		
Rapporteur:	Ms. Bhawna, IT, MUJ, Jaipur		
Anchor:	Dr. Manjit Kaur, CCE, MUJ, Jaipur		
Paper ID	Paper Title	Authors	
P32	Heart Disorder Prognosis employing KNN, ANN, ID3 and SVM	Jyoti Deshmukh*, Mukul Jangid*, Shreeshail Gupte, Siddharth Ghosh	
P47	IoT based Home Security System with Wireless Communication	Juhi Jha*, Praharsh Dubey*, Pratchi Pradhan*	
P64	A Comparative Study of Model-Free Reinforcement Learning Approaches	Anant Moudgalya*, Ayman Shafi*, Amulya Arun*	
P91	Location Aware Security System for Smart Cities Using IoT	Azhaguramyaa V R*	
P140	An Assessment Study of Gait Biometric Recognition Using Machine Learning	Abdullah Mohmand*, Munish Sabharwal*, Dr. Isao Echizen*	
SESSION# 7		12:30 pm – 01:30 pm	025, 2AB
External Session Chair:	Prof Shekhar Chandra, CSE, JECRC, Jaipur		
Internal Session Chair:	Dr Amita Nandal, CCE, MUJ, Jaipur		
Rapporteur:	Dr Arvind Dhaka, CCE, MUJ, Jaipur		
Anchor:	Ms. Vineeta Soni, IT, MUJ, Jaipur		
Paper ID	Paper Title	Authors	
P33	ECG Signal Analysis, Diagnosis and Transmission	Mahadevaswamy U B, Manoj R Poojari, Murugendra Bandrad, Pavan Kalyan, Jisthesh J	
P78	Impact of High-k gate dielectric and Workfunctions variation on Electrical Characteristics of VeSFET	Gurpurneet Kaur*, Sandeep Singh Gill, Munish Rattan	
P15	A Multilayer Deep Learning Framework For Auto-Content Tagging	Shikha Jain*, Dr. Ajit Kumar Jain, Shashi Pal Singh*	
P44	Deep Learning Techniques: An Overview	Amitha Mathew, Amudha P	
P35	Face Recognition Based Attendance System using Real Time Computer Vision Algorithms	Darshankumar Dalwadi*, Yagnik Mehta, Neel Macwan	
P57	Video Surveillance for the Crime Detection using Features	Aastha Chowdhary*, Bhawana Rudra*	
Valedictory Session		03:00 pm - 04:00 pm	307, 1 AB
TEA TIME		4:15 PM ONWARDS	FIRST FLOOR, OLD FOOD COURT
End of Day 2			
DAY 3: February 15, 2020 (Saturday)			
JAIPUR CITY TOUR – 9:00am till 6:00 pm (all interested participants are requested to kindly confirm their willingness for the tour so that best possible price may be negotiated) For any query please mail to: amlta2020@jaipur.manipal.edu			