2nd IEEE International Conference on Emerging Smart Computing & Informatics (ESCI 2020) (12th -14th March 2020)
CONFERENCE SCHEDULE

Pre Conference Tutorial Session   Date :11 March 2020 ,Wednesday
Time : 11.00 AM TO 2.00 PM | Venue : 305

Dr. Ajay Deshmukh
Former Principal ,Treasurer IAIAM Pune
Topic: Embedded Computing

DAY - 1 : 12 MARCH 2020, THURSDAY

INAUGURAL FUNCTION   10.30 AM TO 11.30 AM
Venue: Multipurpose Hall

Keynote Talk-01   Time :   11.30 AM TO 1.00 PM \| Venue: Multipurpose Hall
Speaker: **Dr. Israel Kohen**
Professor in Technion Israel Institute of Technology Technion City Haifa ,Israel
Topic: Signal Processing

LUNCH BREAK 1.00 PM-2.00PM

Keynote Talk-02 \| Time :   2.00 PM to 3.00pm \| Venue: Multipurpose Hall
Speaker: **Dr. Andino Maseleno**
Associate Professor,
Institute of Informatics and Computing Energy,
Universiti Tenaga Nasional,Malaysia.
Topic- Internet of Things and Society 5.0:Research Areas, Challenges and Applications

Technical Oral Presentation Session 1: Soft Computing -1		
Time : 3.00 PM TO 5.00 PM | Venue : 210		
Sl. No.	**Paper ID**	**Title**
1	50	Predictive Technique Of Task Scheduling For Bigdata In Cloud
2	122	Soft Computing Based Approaches For Classifying Diseases Using Medical Diagnosis Dataset
3	207	Ground Truth Mapping With Multi-Temporal Earth Observation Data In ESA Cloudtool Box: A Case Of Kerala Flood Event Occurred In 2018
4	61	Development Of Scrum-Tree-Knn Algorithm For Distributed Agile Development
5	35	Micro-content Shortlisting Using Interactive AI Method
6	63	One-class Classifier Ensemble based Enhanced Semisupervised Classification of Hyperspectral Remote Sensing Images
7	105	NAD: Neuron Activation based Divergence Maps for Weakly Supervised Object Localization

Technical Oral Presentation session 2 : Soft Computing -2		
Time : 3.00 PM TO 5.00 PM | Venue : 213		
Sl. No.	**Paper ID**	**Title**
1	97	Intelligent Vehicle Road Surface Classifier System
2	100	Mechanisms for Source Code Obfuscation in C: Novel Techniques and Implementation
3	118	Fast Hartley Transform based Elliptic Curve Cryptography for resource constrained devices
4	259	Droop Based Dynamic Load Sharing Approach for Islanded Microgrid
5	252	A Review of Unstructured Data Analysis and Parsing Methods
6	257	Trustworthy Cloud Service Provider Selection using Genetic Algorithm based Decision Making Method
7	275	Hindi Poetry classification using Eager supervised Machine learning Algorithms

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Technical Oral Presentation Session 3: Network & Communication		
Time : 3.00 PM TO 5.00PM | Venue : 206		
Sl. No.	Paper ID	Title
1.	67	Review of Reconfigurable Antennas for Future Wireless Communication
2.	209	Optimized Spectrum sensing Techniques for Enhanced Throughput In Cognitive Radio Network
3.	340	A Novel Method of Smart Communication using PSoC for Wireless Push System
4.	162	Performance Evaluation of Routing Protocols under Black Hole Attack in Cognitive Radio Mesh
5.	24	Timestamp based recommendation System with rating Prediction using (CSFE-PSGR) Technique
6.	125	Efficient Parallel Algorithm for Mapping LaGrange's Interpolation on OTIS and BSN Hyper Hexa Cell
7.	185	Gain Enhancement of Dual Feed U-Slot Wideband Circularly Polarized Antenna for S-Band
8.	68	A Review of Emerging Devices Beyond MOSFET for High Performance Computing
9.	91	FinFET Technology : As A Promising Alternatives for Conventional MOSFET Technology
10.	292	Balancing of a Rotating Shaft using Computed Order Tracking

Technical Oral Presentation Session 4 : Iot And Automation		
Time : 3.00 PM -5.00 PM | Venue : 305		
Sl. No.	Paper ID	Title
1.	169	Green House based on IoT and AI for societal benefit
2.	182	Securing IoT Devices in Smart City Environments
3.	193	Automatic Irrigation System Based on Internet of Things for Crop Yield Prediction
4.	225	Robust Cross-Layer Security Framework For Internet of Things Enabled Wireless Sensor Networks
5.	239	Internet of Things and Social Media: A review of Literature and Validation from Twitter Analytics
6.	167	Data Reduction Based on Compression Technique for Big Data in IoT
7.	231	Optimizing Power Consumption for Solar Powered Rechargeable Lithium Ion (Li-ion) Battery Operated IoT Based Sensor Node Using WeMos D1 Mini

Tutorial Session Time : 3.00 PM TO 5.00 PM	
Tutorial 1	**Dr.Akhil Gupta** Lovely Professional University ,Phagwara,Punjab Topic: Machine Learning for 5G Venue:509
Tutorial 2	**Mr. Sparsh Sharma,** Assistant Professor, Computer Science & Engineering, Baba Ghulam Shah Badshah University, Rajouri, Jammu & Kashmir, India Topic: Cyber Security and Etihical Hacking 5G Technology Venue 505
Tutorial 3	**Dr. Bali Arvind** CEO, COO Advisor Director Business Operations P& L Management Start Up & SME Business Strategy Partnership & Alliances Topic: 5G Technology Venue :Multipurpose Hall
Tutorial 4	**Tomio Isogai** Managing Director Sharp India Ltd. Topic : Be Global Venue:112

POSTER PRESENTATION   Time :3.00 PM TO 5.00 PM | Venue: Ground Floor

DAY -2 : 13 MARCH 2020, FRIDAY

Keynote Talk -3   Time: 10.00 AM to 11.30 AM | Venue: Multipurpose Hall

Dr. Akhil Gupta,
Assistant Professor
Lovely Professional University ,Phagwara,Punjab
Topic: Role of Machine Learning & AI in 5G

Tutorial Session 11.30 AM TO 1.30 PM		
Tutorial 5	**Mr. Omprakash Barure** Director BITC 2104 Pune Maharashatra India Topic: Industrial Automation Venue: 210	
Tutorial 6	**Mrs.Sujata Tilak** Managing Director Ascent Intellimation Pvt.Ltd Topic: Internet of Things Venue:704	

Technical Oral Presentation Session 5 : Image & Signal Processing
Time: 11.30 AM TO 1.30 PM | Venue: 210

Sl. No.	Paper ID	Title
1.	28	Lung Cancer Analysis and Diagnosis by Coalition of Photo Metric and Quality Metric Parameters
2.	72	Predicting Breast Cancer using effective Classification with Decision Tree and K Means Clustering
3.	211	Automatic Suspicious Activity Detection in Surveillance Videos
4.	233	Detection of alcoholics using EEG and EMD Domain statistical features
5.	109	Comparative Analysis of FOD based Prewitt,Sobel &Laplacian Operators for Edge Detection on Freshwater fish images
6.	168	Hybrid image inpainting model using optimized DWT and Reproducing Kernel Hillbert Space for removal of damaged portions of old photographs
7.	174	Computationally efficient algorithm for spectral separation of narrow-band signals from multiple sources

Special Session -1   Session Chair: Dr. Akhil Gupta
Session Title: Advances in Next Generation Internet and Communication Networks

Time: 11.30 AM TO 1.30 PM | Venue: 206

Sl. No.	Paper ID	Title
1.	AG10	Performance enhancement analysis of FSO system using different amplification strategies
2.	AG11	Reception of weather signal using double cross antenna
3.	AG12	Efficient Image Transmission using OSTBC4 Space Time Encoded MIMO Systems
4.	AG2	Investigation of Interference Management Mechanism for D2D Communication in Licensed Band
5.	AG3	Higher Order QAM Schemes in 5G UFMC system
6.	AG4	Heart Disease Prediction Using Artificial Neural Network and Image Processing
7.	AG7	Capacity aware resource allocation in Millimeter wave micro urban communication network
8.	AG8	Prediction of Heart Disease Using NaÃ¯ve bayes and Image Processing

LUNCH BREAK 1.30 PM-2.30PM

Day 2 Tutorial Session Date :13 March 2020 Time : 2.30 PM TO 5.00PM		
Tutorial 7	Mr.Rizwan Shaikh Information Security Researcher and Cyber Crime Consultant Mr.Sanket Thodge Founder Entreprenuer Consultant Innovator Author Corporate Trainer Topic: Block Chain Technology Venue:605	

Special Session -2 Session chair : Dr. Sandeep Singh Sengar, Session Title: Emerging trends in Machine Learning and its Applications Time: 2.30 PM TO 5.00 PM | Venue: 213		
Sl. No.	**Paper ID**	**Title**
1.	SA1	Quantum-Dot Cellular Automata: An Efficient And Adroit Alternate To CMOS Technology
2.	SAS09	A Review On Security In Wireless Sensor Network
3.	SAS1	A REVIEW ON COMPUTATIONAL MODEL FOR BIPEDAL WALKING USING GAIT ANALYSIS
4.	SAS10	Multimodal Biometric Authentication System Using Deep Learning Method
5.	SAS12	Methodological Survey To Improve The Secure Data Storage In Cloud Computing
6.	SAS4	Waste Management Of Residential Society Using Machine Learning And Iot Approach
7.	SAS5	Performance Assessment Of DSDV And AODV Routing Protocols In Mobile Adhoc Networks With Focus On Node Density And Routing Overhead

Special Session -3 Session Chair: Dr. Sparsh Sharma Session Title : Recent Advancements of Artificial Intelligence in Computer Science Applications Time: 2.30 PM TO 5.00 PM | Venue: 210		
Sl. No.	**Paper ID**	**Title**
1.	SS2	A Comprehensive review of Nature-inspired algorithms for Internet of Vehicles
2.	SS3	Character Recognition using Machine Learning and Deep Learning - A Survey
3.	SS6	Computer vision technique for neuro-image analysis in neurodegenerative diseases:A survey
4.	SS7	A CAD tool for breast cancer prediction using Naive Bayes classifier
5.	SS8	Human Recognition using Ear based Deep Learning Features
6.	RK1	IOT Based Women Security: A Contemplation
7.	RK2	An Introduction of CloudSim Simulation tool for Modelling and Scheduling
8.	RK3	A Technical Review Report on Cyber Crimes in India
9.	RK5	Comparison and Performance Evaluation of Software-Defined Networking Controllers

Doctoral Consortium   Time: 2.30 PM TO 5.00 PM | Venue: 405
Doctoral Consortium Time: 2.30 PM TO 5.00 PM | Venue: 409

CULTURAL PROGRAM - 6.00PM TO 8.00PM
DINNER - 8.00PM

DAY -3 : 14 MARCH 2020, SATURDAY

Keynote Talk: 04 | Time:9.00 A TO 11.00 AM | Venue : Multipurpose Hall

Chuan Ming Liu

Topic: Some issues of Data Management in emerging Computing Environments

Special Session: 4   Session Chair: Dr. A.Jayanthiladevi
Session Title: Intelligent Engineering Applications for Societal Development
Time : 11.00 AM -12.30 PM | Venue:210

Sl. No.	Paper ID	Title
1	JD4	Vehicle Navigation Protocol in Real-Time Fleet Management
2	JD8	Healthcare Biometrics Security and Regulations: Biometric Data Security and Regulation Governing
3	JD1	MACHINE LEARNING BASED Ddos DETECTION
4	JD24	Variational Iteration Method to Deal with Time Delay Differential Equations under Uncertainty
5	JD4	Predicting students academic performance using an improved random forest classifier

Technical Oral Presentation Session-6
Time : 11.00 AM -12.30 PM | Venue:213

Sl. No.	Paper ID	Title
1	SL1	Nonlinear Model-Predictive Integrated Guidance and Control Scheme applied for Missile-on-Missile Interception
2	SL2	Water Demand Forecasting Using Machine Learning and Time Series Algorithms
3	SL3	Facial Emotion Verification by Infrared Image
4	133	Identifying The Usage Of Known Vulnerabilities Components Based On OWASP A9
5	342	LSTM-Based Electrical Load Forecasting for Chattogram City of Bangladesh
6	160	Dynamic Spectrum Sensing Method For Mobile Cognitive Radio Ad Hoc Networks

VALEDICTORY 12.30PM-1.30PM

LUNCH BREAK 1.30 PM-2.00PM

PUNE SITE SEEN-PUNE TOUR 2.00PM TO 5.00PM