

2022 International Conference on Emerging Smart Computing and Informatics (ESCI 2022)

**Pune, India
9 – 11 March 2022**



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ESCI 2022 Presentation Schedule

Technical Oral Presentation Session 1: Smart Computing

Session Coordinator: Mrs. Minal Zope : 9970098042 | Mr. Shashikant Kale: 9975703571

Link: <https://tinyurl.com/2p8f3dxw> | Event number: 2516 906 2763 | Event password: esci2022 | Time : 3.00 PM TO 5.00 PM

Sl. No.	Page #	Title
1	1	Design of Rubber Substrate based Flexible Antenna with DGS for WBAN Applications
2	5	Deep Learning-Based Comparative Study to Detect Polyp Removal in Endoscopic Images
3	10	So-Du-Ku Game Puzzle for Improving Shade dispersion factor on PV Array Systems under PSCs: Experimental Validation
4	16	Predicting Susceptibility to Covid Stress Using Data Mining
5	22	Intelligent Action Performed Load Balancing Decision Made in Cloud Datacenter Based on Improved DQN Algorithm

Technical Oral Presentation session 2 : Image & Signal Processing

Session Coordinator: Mrs. Minal Nerkar: 9850173169 | Mr. Sachin Kokane : 9673037327

Link: <https://tinyurl.com/bdeaw4f7> | Event number: 2512 908 0725 | Event password: esci202 | Time : 3.00 PM TO 5.00 PM

Sl. No.	Page #	Title
1	28	An Intelligent Framework For Crime Prediction Using Behavioral Tracking And Motion Analysis
2	34	Automated Diagnosis of Pneumonia through Capsule Network in conjunction with ResNet50v2 model
3	N/A	Identification of Syllables for a Visual Speech Recognition System
4	40	Optimization in Object Detection Model using YOLO.v3
5	44	Improving Skin Disease Classification using Residual Attention Network

Technical Oral Presentation Session 3: Smart Computing

Session Coordinator: Mrs. Neha Patil : 9561508345 : I Mrs. Vineeta Philip:9881152957

Link: <https://tinyurl.com/4p3fbrdp> | Event number: 2511 905 7482 | Event password: esci2022 | Time : 3.00 PM TO 5.00 PM

Sl. No.	Page #	Title
1	49	Investigating the Role of Artificial Intelligence in Building Smart Contact on Block-Chain
2	55	Optimizing VM Allocation with Queue Dependent Requests in fog Network
3	60	Maximum Response Mechanism in Vehicular Cooperative Caching for C-V2X Networks
4	66	Education and Analysis of Autistic Patients Using Machine Learning
5	72	Campus Placements Prediction & Analysis using Machine Learning
6	77	Hybrid Software Reliability Prediction Model Using Feature Selection and Support Vector Classifier

DAY -2 : 10th March 2022, Thursday

Technical Oral Presentation Session 4 : Internet of Things

Session Coordinator: Ms. Atiya Khan Pathan: 9960053721 | Mr. Sagar Pokharkar : 9822151244

Link: <https://tinyurl.com/56zk99nh> | Event number: 2518 587 0240 | Event Password: esci2022 | Time : 10.00 AM to 12.00PM

Sl. No.	Page #	Title
1	81	Study of Disease Identification in Pomegranate Using Leaf Detection Technique
2	87	Use Of Smart Antennas For Collaborative Spectrum Sensing In Cognitive Radio
3	92	Pedestrian Detection and Tracking Through Kalman Filtering

4	98	A Burgeoning 6G Technology and its Cloud Services
5	105	A Modified Multiband Antenna for 5G Communication

Technical Oral Presentation Session 5: Image & Signal Processing

Session Coordinator: Mr. Nitin Bhone: 9021185621 | Mrs. Shobha Gopnarayan :90116172286

Link: <https://tinyurl.com/326zv2eh> |Event number:2512 465 2166|Event Password: esci2022 |Time: 10.00 AM to 12.00 PM

Sl. No.	Page #	Title
1	110	Breast Cancer Detection: Comparative Analysis of Machine Learning Classification Techniques
2	116	Automated Seizure Detection using Theta Band
3	120	Empirical Study of crop-disease detection and crop-yield analysis systems: A Statistical View
4	124	Deep Learning for Biometric Recognition of Children using Footprints
5	130	Gun Detection: Comparative analysis using transfer learning in single stage detectors

Technical Oral Presentation Session 6: Smart Computing

Session Coordinator: Mrs. Jayashree Pasalkar : 8408856344| Mrs. Deepali Yewale: 9960730911

Link: <https://tinyurl.com/nhf97xfx> |Event number:2518 093 9954 |Event Password:esci2022 |Time: 10.00 AM to 12.00 PM

Sl. No.	Page #	Title
1	N/A	UVC Sanitizing Smart Kit
2	135	Improved Performance of PMSM using Tunicate Swarm optimization
3	140	Artificial Neural Network Based Electricity Theft Detection
4	146	Forecasting Diurnal Covid-19 Cases for Top-5 Countries Using Various Time-series Forecasting Algorithms
5	152	A Multiple Stage Deep Learning Model for NID in MANETs
6	158	Modified Approach for Solving Fully Fuzzy Linear Programming Problems

Keynote Talk -3 Time: 12.00 PM – 1.00 PM
 Speaker: Dr. Mohamed Elhoseny
 College of Computer Information Technology, Dubai UAE
 Topic: Smart Sensor Technologies and Applications

I Link: <https://tinyurl.com/2p8w57rc>
 I Event number:2517 221 7563
 I Event password: ioit123
 I Coordinator: Mrs. S. N. Powniker M:8975923450

LUNCH BREAK 1.00 PM-2.00PM

Keynote Talk -4 Time: 2.00PM – 3.00 PM
 Speaker: Chyi-Yeu Lin
 Distinguished Professor
 (Director of Center for Intelligent Robots) Ph.D., University of Florida, U.S.A.
 Topic: Design Mechanics & AI & Robots

I Link: <https://tinyurl.com/2p8w57rc>
 I Event number:2517 221 7563
 I Event password : ioit123
 I Coordinator : Mr. P. P. Mahajan M: 9763644533

Special Session 1

Session Coordinator: Mr. Shailesh Gawai : 8855078124 | Ms. Sandhya Ahire : 9975152810 | Mr. Mohsin Aftab Mulla
 Link: <https://tinyurl.com/2s38abts> |Event number: 2515 815 8703 |Event password: esci2022|Time : 3.00 PM -5.00 PM

Sl. No.	Page #	Title
1	163	A Fuzzy Statistical Perspective for Empirical Evaluation of EEG Classification Models for Epileptic Seizures
2	169	An Empirical Investigation Of Dynamics Of Institutional Investors' Trading Behaviour And Stock Market Returns In India During COVID-19 Period
3	N/A	Non-Polynomial Spline Technique For Numerical Simulation Of Singularly Perturbed Boundary Value Problem With Two Parameters And Its Application In Mechanics
4	175	Enhancing the Convergence Speed and Accuracy of Particle Swarm Optimizers through Adaptive Learning
5	181	A Game Theory Model for Optimization of the OTT Platform Strategies
6	186	An Analytical Perspective for Diabetic Retinopathy Using Convolutional Neural Network

7	192	Integration of CQCC and MFCC based Features for Replay Attack Detection
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Technical Oral Presentation Session 7: Smart Computing

Session Coordinator: Mrs. Chitralkha Rananaware : 9284165920 I Mr. Sugar Pawar 8087685979 I Mr. Sachin A Kupade
Link: <https://tinyurl.com/2p89wh95> | Event number: 2511 177 1093|Event password: esci2022 |Time : 3.00 PM -5.00 PM

Sl. No.	Page #	Title
1	197	IMPLEMENTATION - Surplus resources to Private Cloud
2	202	Line Loss Reduction with Optimal Placement of DGs by using Contingency Analysis of 5 bus system
3	207	Day Ahead Hybrid Forecasting of Global Horizontal Irradiance using Machine Learning (Random Forest Algorithm) and Time-Series Model (SARIMAX)
4	213	Design of Multipliers Using Reversible Logic and TOFFOLI Gates
5	217	Tri-Plant Leaf Disease for Bell Paper, Tomato and Potato Classification Using CNN

Technical Oral Presentation Session 8: Internet of Things

Session Coordinator: Dr. Nidhi Sharma: 9168351100 I Ms. Supriya Lohar: 9420132597 I Mr. Vikram B Nalawade
Link: <https://tinyurl.com/2p9bh7x7> |Event Number: 2518 452 6713 | Event Password : esci2022 |Time: 3.00 PM -5.00 PM

Sl. No.	Page #	Title
1	222	Equivalent Input Disturbance Based Robust Control For Robot Manipulator Using Generalised Extended State Observer
2	229	Safeguarding E-Healthcare Documents Utilizing an Infrastructure for Advanced Keyless Signature Infrastructure Blockchain Within the Cloud
3	235	RFE-ACO-RF: An approach for Cancer Microarray Data Diagnosis

Special Session 2

Session Coordinator: Ms. Divyarani Babar : 8625041213| Mr. Prashant Sadaphule: 7588684770 I Mrs. Supriya P Kurlekar
Link: <https://tinyurl.com/2p8ust3v> |Event number: 2511 469 6310 |Event password: esci2022 I Time : 3.00 PM -5.00 PM

Sl. No.	Page #	Title
1	240	A Deep Learning Model for Human Emotion Recognition on Small Dataset
2	245	Design of Depressed-core Four-ring Few-mode Fiber for Next-Generation Communication
3	250	Cardiac Data Compression for Reduced Traffic on Application of IoMT
4	255	Nonlinear System Identification Using Robust Fusion Kernel-Based Radial basis function Neural Network
5	260	Deep Learning-Based Predictive Model for Defect Detection and Classification in Industry 4.0
6	265	Patch-Based Classification for Alzheimer Disease using sMRI
7	270	Digital Image Processing and IoT in Smart Health Care - A review
8	276	Graphical User Interface based platform for the Lung Cancer Classification

Day 3 Date :11th March 2022, Friday

Special Session 3

Session Coordinator: Mrs. Pragati Mahale: 9405371647 I Mrs. Archana Ubale : 9604789652
Link: <https://tinyurl.com/2k3bmktc> I Event number: 2518 399 9484|Event password: esci2022 |Time: 10.00 AM to 12.00PM

Sl. No.	Page #	Title
1	281	Integrated Low-Cost Intelligent Solution for Inland Aquaculture
2	286	Railroad maintenance predictor system for metro railroad systems
3	290	Computer Vision-Based Smart Agriculture Storage with Quality and Quantity Analysis and Recipe Suggestion

4	298	Neoteric experimental PLC Configuration using Wireless Local Area Network (WLAN) Technology in paper Industry
5	303	Secure Authentication Scheme for Medical care applications based on IoT
6	308	Comparative Analysis of Liver diseases by using Machine Learning Techniques

Special session 4

Session Coordinator: Mrs. Geeta Salunke: 9850218602 | Mr. Sagar Bhopale: 9527754425

Link: <https://tinyurl.com/2p8js88u> | Event number: 2515 152 4165 | Event password: esci2022 | Time: 10.00 AM to 12.00 PM

Sl. No.	Page #	Title
1	313	An Intelligent Framework for Alzheimer's disease Classification Using EfficientNet Transfer Learning Model
2	317	Honey-Bee based Load balanced Packet scheduling MAC protocol for IoT-enabled healthcare system
3	324	Structured Ranking method-based feature selection in data mining
4	330	Detection of Epileptic Seizure using Improved Adaptive Neuro Fuzzy Inference System with Machine Learning Techniques
5	339	Analyzing the impact of Augmented Reality based Digital Environment on Students' Learning
6	343	An Event Study Analysis on Stock Market Reaction amid Geo-Political Crisis in India

Special session 5

Session Coordinator: Mr. Shivaji Gadadhe: 9096618989 | Mr. Milind Gajare : 8275053999

Link: <https://tinyurl.com/3b8u85kk> | Event number: 2516 458 1709 | Event password: esci2022 | Time: 10.00 AM to 12.00 PM

Sl. No.	Page #	Title
1	350	Artificial intelligence based cervical cancer risk prediction using ml algorithms
2	356	Performance Analysis of Massive MIMO Millimeter Wave NOMA HetNet
3	361	Design and Simulation of Circular Coplanar Textile Antenna with C – Slot
4	365	Sentimental analysis on E-Learning videos using Hybrid Algorithm based on Naïve Bayes and SVM
5	371	A Novel Framework to Perform Efficient Analysis of Animal Sciences Using Big Data

Special session 6

Session Coordinator: Mrs. Anuja Phapale: 9730299992 | Mr. Amol Chaudhari : 9860905183

Link: <https://tinyurl.com/3ubyv734> | Event number: 25178041357 | Event password: esci2022 | Time: 10.00 AM to 12.00 PM

Sl. No.	Page #	Title
1	380	A Statistical Perspective for Empirical Analysis of Bio-Inspired Algorithms for Medical Disease Detection
2	387	WeatherNet: Transfer learning-based weather recognition model
3	392	Efficient Data Caching and Computation Offloading Strategy for Edge Network
4	397	Optimal Resource Allocation by Reverse Optimal Resource Allocation by Reverse Stackelberg Game Approach in Blockchain
5	402	An Empirical Analysis of smart grid deployment system models based on demand side perspective
6	409	Lightweight modified consensus approach in IoT Blockchain

LUNCH BREAK 1.00 PM-2.00PM

Keynote Talk-05 | Time : 2.00 PM to 3.00 PM

Speaker: Prof. Mihaela Albu

Politehnica University of Bucharest, Romania

Topic: High Reporting Rate Measurements for Smart[er] Grids

| Link: <https://tinyurl.com/4ms9p3d5>

| Event number: 25161511925

| Event password: ioit123

VALEDICTORY 3.00 PM TO 5.00 PM

Link: <https://tinyurl.com/2p96nk8c> | Event Number: 2519 813 8375 | Event Password : esci2022