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International Conference on

INNOVATIVE COMPUTING, INTELLIGENT COMMUNICATION AND SMART ELECTRICAL SYSTEMS (ICSES -2021)

24th & 25th September, 2021

ICSES 2021

Programme Schedule

Venue : Administrative Block

ICSES 2021

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ICASES 2021

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Dr. K. VijayaKumar, Professor, St.Joseph's Institute of Technology

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ICASES 2021

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Assistant Professor, St. Joseph's Institute of Technology

ICASES 2021

International Conference on
Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2021)

24th & 25th September, 2021

Day 1 — 24th September, 2021

Program Schedule

09.00 am - 09.15 am

REGISTRATION

09.15 am - 09.20 am

PRAYER SONG

09.20 am - 09.25 am

WELCOME ADDRESS

Dr. C. Gnana Kousalya
Head & Professor, Department of ECE, St. Joseph's Institute of Technology

09.25 am - 09.30 am

CONFERENCE REPORT

Dr. D.Kirubakaran
Head & Professor, Department of EEE, St. Joseph's Institute of Technology

09.30 am - 09.35 am

LIGHTING OF KUTHUVILAKKU

CONFERENCE PROCEEDINGS RELEASE

09.35 am - 09.45 am

INAUGURAL ADDRESS

Dr. Biren Prasad
Editor-in-Chief: Concurrent Engineering, SAGE Publication.
President and CEO at Knowledge Solution,
PLM consulting & KBE service company, USA

09.45 am - 09.55 am

INAUGURAL ADDRESS

Dr. N.Kumarappan
Chairman, IEEE Madras Section and CIS Madras Chapter.
Professor, Department of Electrical Engineering
Annamalai University, Tamil Nadu

09.55 am - 10.00 am

VOTE OF THANKS

Dr. S. Kalarani
Head & Professor, Department of IT, St. Joseph's Institute of Technology

IEEE
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International Conference on
Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2021)

24th & 25th September, 2021

Day 1   24th September, 2021

Program Schedule

10.00 am - 10.15 am

TEA BREAK

10.15 am - 11.00 am

INVITED TALK - 1

Topic:

What You Need to Know about Selecting and Conducting Good Research?

Dr. Biren Prasad
Editor-in-Chief: Concurrent Engineering, SAGE Publication.
President and CEO at Knowledge Solution,
PLM consulting & KBE service company, USA

11.00 am - 12.30 pm

TECHNICAL TRACK 1

12.30 pm - 01.30 pm

LUNCH BREAK

01.30 pm - 02.15 pm

INVITED TALK - 2

Topic:

Importance of Activation Functions in Deep Neural Networks

Dr.Sudhir Kumar Sharma
Professor & Programme Director,
Institute of Information Technology & Management (IITM), Delhi
Delhi, India

02.15 pm - 03.00 pm

INVITED TALK - 3

Topic:

Smart Grid   - Revolutionizing the Energy Future

Dr. N.Kumarappan
Chairman, IEEE Madras Section and CIS Madras Chapter.
Professor, Department of Electrical Engineering
Annamalai University, Tamil Nadu

03.00 pm - 04.30 pm   **TECHNICAL TRACK 2**

04.30 pm - 04.45 pm   **TEA BREAK**

IEEE
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International Conference on
Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2021)

24th & 25th September, 2021

Day 2 **25th September, 2021**

Program Schedule

01.30 pm - 02.00 pm

INVITED TALK - 6

Topic:

Some Accelerometer-Based Applications Using Machine Learning

Prof. Dr. Tran Duc-Tan

Associate professor, Faculty of Electrical and Electronic Engineering (FEEE), Phenikaa University, Vietnam

02.00 pm - 03.00 pm

INVITED TALK - 7

Topic:

Current and Future of Directions of Augmented and Virtual Reality

Dr.Hoshang Kolivand

Professor, Department of Computer Science, Liverpool John Moores University, UK

03.00 pm - 04.30 pm

TECHNICAL TRACK 4

04.30 pm - 04.45 pm

CERTIFICATE DISTRIBUTION AND TEA BREAK

04.45 pm - 05.00 pm

VALEDICTORY CEREMONY

IEEE
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International Conference on
Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2021)

24th & 25th September, 2021

Day 2 25th September, 2021

Program Schedule

09.00 am - 09.15 am

REGISTRATION

09.15 am - 10.00 am

> **INVITED TALK - 4**
> **Topic:**
> **Advanced Machine Learning Techniques for Smart Battery Management Systems**
> **Dr. Sheldon Williamson**
> Canada Research Chair in Electric Energy Storage Systems for Transportation Electrification / Professor, Electrical, Computer and Software Engineering, University of Ontario Institute of Technology, Canada

10.00 am - 10.45 am

> **INVITED TALK - 5**
> **Topic:**
> **Computational Biomedical Image Analysis and Informatics -- Micro to Macro**
> **Dr. Surya Prasath**
> Assistant Professor, Departments of Biomedical Informatics, Electrical Engineering & Computer Science
> University of Cincinnati, USA

10.45 am - 11.00 am

TEA BREAK

11.00 am - 12.30 pm

TECHNICAL TRACK 3

12.30 pm - 01.30 pm

LUNCH BREAK

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PROGRAMME SCHEDULE ICSES 2021

Session: Innovative Computing (Track-1)

Date: 24.09.2021   Time: 11.00 am to 12.30 pm

Session Chair :
Dr. Sudhansu Shekhar Patra, School of Computer Applications, KIIT Deemed to be University, Bhubaneswar, India
Dr. Adlin Sheeba St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T124F01

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-010	Speech Recognition and Separation System using Deep Learning	Meet Singh Chauhan
11.15 - 11.30 am	ICSES- 021	Forecasting the Cloud Cover for Agronomical function Based on Real Time Valuation	M.Pushpavalli
11.30 - 11.45 am	ICSES- 055	HAVS: Human action-based video summarization, Taxonomy, Challenges, and Future Perspectives	Ambreen Sabhas
11.45 - 12.00 pm	ICSES- 071	A Text-Based Hybrid Approach for Multiple Emotion Detection Using Contextual and Semantic Analysis	Mahima M A
12.00 - 12.15 pm	ICSES- 089	Implementation of Election System Using Blockchain Technology	Yogesh Chandrakanth
12.15 - 12.30 pm	ICSES- 015	Cowrie Honeypot Data Analysis and Predicting the Directory Traverser Pattern During the Attack	Sajeel Mehta

PROGRAMME SCHEDULE ICSES 2021

Session: Innovative Computing (Track-1)

Date: 24.09.2021   Time: 03.00 pm to 04.30 pm

Session Chair :
Dr. Adithya Pothan Raj. V, Hindustan Institute of Technology & Science - Deemed to be University, Chennai
Dr. V. Vinoth Kumar, JAIN Deemed-to-be-University, Bangalore

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T124A01

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-114	Forecasting the potential influence of Covid-19 using Data Science and Analytics	S.Navish Vardanaa
03.15 -03.30 pm	ICSES- 128	A Semantic Approach for Fashion Recommendation Using Logistic Regression and Ontologies	D Naga Yethindra
03.30 -03.45 pm	ICSES- 149	Exploring Psychosocial Effects of the COVID-19 on University Students Using Visual Analytics	Mosiur Rahman
03.45 -04.00 pm	ICSES- 165	A Comparative Study of Sentiment Analysis Tools	Ms. Nabanita Das
04.00 -04.15 pm	ICSES- 167	Improving accuracsy of lung nodule classification using AlexNet Model	Priyanka Gupta
04.15 -04.30 pm	ICSES- 131	Visual and Auditory Assistant for people with various cognitive impairments	Heth Gala

PROGRAMME SCHEDULE ICSES 2021

Session: Innovative Computing (Track-1)

Date: 25.09.2021   Time: 11.00 am to 12.30 pm

Session Chair :
Dr. K. Kalaiselvi, Vels Institute of Science, Technology and Advanced Studies, Chennai
Dr. L. Javid Ali, St. Joseph's Institute of Technology, Chennai

Google Meet ID/Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T125F01

Time	Paper ID	Paper Title	Authors
11.15 - 11.30 am	ICSES-214	Efficient Analysis for Extracting Feature and Evaluation of Text Mining using Natural Language Processing Model	R. Purushothaman
11.30 - 11.45 am	ICSES- 220	A new sentence similarity computing technique using order and semantic similarity	Poorvi Seth, Nityam Agarwal
11.45 - 12.00 pm	ICSES- 236	Object Recognition using Novel Geometrical Feature Extraction Techniques	Snehith Reddy Puli
12.00 - 12.15 pm	ICSES- 268	ARES - Advanced Robot for Extraction and Survey	Rohan Giri, Ram Kumar G, Kirthana Lp
12.15 - 12.30 pm	ICSES- 470	Implementation and Investigation of Rectenna for Microwave Applications	M. Baskaran,K. Jeyapiriya, S. Gayathri

PROGRAMME SCHEDULE ICSES 2021

Session: Innovative Computing (Track-1)

Date: 25.09.2021   Time: 03.00 pm to 04.30 pm

Session Chair :
Dr. P. Sridevi Ponmalar, New Prince ShriBhavani College of Engineering and Technology, Chennai.
Dr. C.A. Subasini, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T125A01

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-310	Asthma, Alzheimer's and Dementia Disease Detection based on Voice Recognition using Multi-layer Perceptron Algorithm	PRATIBHA
03.15 -03.30 pm	ICSES- 311	Learning Automata With Hyperlink Features For Detecting Venomous Social Trolls On The Social Media Platform	PREETI
03.30 -03.45 pm	ICSES- 352	A Classification Based Approach to the Prediction of Song Popularity	Jigisha Kamal, Pankhuri Priya
03.45 -04.00 pm	ICSES- 369	Midway Advertisement: A Mechanism to Curb Annoyance due to Unwanted Advertisements	Aishwarya Yelishetty
04.00 -04.15 pm	ICSES- 321	Diabetes Prediction using Logistic Regression and Feature Normalization	V Ganesh
04.15 -04.30 pm	ICSES- 396	Technical Analysis of Pattern Based Stock Prediction using Machine Learning	Charanjeet Dadiyala

PROGRAMME SCHEDULE ICSES 2021

Session: Big Data Analytics (Track-2)

Date: 24.09.2021   Time: 11.00 am to 12.15 pm

Session Chair :
Dr.A.Jaya, B.S.Abdur Rahman, Crescent Institute of Science and Technology, Chennai
Dr. S. Nikkath Bushra, St. Joseph's Institute of Technology,

Google Meet ID/Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T224F02

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-008	Comparative Study and Secure Data Deduplication techniques for Cloud Computing storage	Malathi P, Suganthi Devi S
11.15 - 11.30 am	ICSES- 098	CATAQ: Concise Answer to Any Question	Arpan Ghoshal
11.30 - 11.45 am	ICSES- 240	MalDeXA - A Malware Detection system using XGBoost on Amazon Web Services	Govind Thakur, Shreya Nayak, Dr. Ramchandra Mangrulkar
11.45 - 12.00 pm	ICSES- 237	Character Recognition using Perpendicular Distance on Sweep Line and Chi-Square Statistic as classifier	Sai Vythik Mankala
12.00 - 12.15 pm	ICSES- 278	Extractive and Abstractive Summarization for Hindi Text using Hierarchical Clustering	Cheshta Kwatra, Kapil Gupta

PROGRAMME SCHEDULE ICSES 2021

Session: Big Data Analytics (Track-2)

Date: 25.09.2021   Time: 11.00 am to 12.30 pm

Session Chair :
Dr.George Fernandez. I, Jerusalem College of Engineering, Chennai
Dr. M.K.Kirubakaran, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T225F02

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-302	A Detailed Survey on Bit Plane Complexity Segmentation (BPCS) and RSA Algorithm for Secured Medical Data Transfer	Dr. Kavitha Chaduvula
11.15 - 11.30 am	ICSES- 337	Text to Braille Conversion System	RHEA SAWANT
11.30 - 11.45 am	ICSES- 341	BBRP25 Method Used to Securing The Data	K.Shantha Shalini, Dr. R. Jaichandran, A. Aravind, B. Vaishnav, Mons K Cherian
11.45 - 12.00 pm	ICSES- 444	Supervised malware learning in cloud through System calls analysis	Dr. K.Uma maheswari, G. Shobana, Dr.S.Nikkath Bushra, Dr. Nalini Subramanian
12.00 - 12.15 pm	ICSES- 153	Performance Analysis of Machine Learning Algorithms and Feature Extraction Methods for Sentiment Analysis	Anshumaan Chauhan, Ayushi Agarwal, Razia Sulthana

PROGRAMME SCHEDULE ICSES 2021

Session: Artificial Intelligence and Machine Learning (Track -3)

Date: 24.09.2021   Time: 11.00 am to 12.30 pm

Session Chair :
Dr. R. Karthik, Vellore Institute of Technology, Chennai.
Dr. D. Manohari, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T324F03

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-002	AI-Assisted Risk Based Two Factor Authentication Method (AIA-RB-2FA)	Shiburaj Rajendrababu Pappu, Dr. Varsha Shah, Dhanashree Kangane
11.15 - 11.30 am	ICSES- 007	Emphasised Research on Heart Disease Divination Applying Tree Based Algorithms and Feature Selection	Parizat Binta Kabir
11.30 - 11.45 am	ICSES- 016	Comparative Study and Detection of Diabetic Retinopathy in Retinal Images Using Computational Approach	Godfrin.R, Suganthi devi.S
11.45 - 12.00 pm	ICSES- 023	Quotidian Sales Forecasting using Machine Learning	G. Pradeep Reddy
12.00 - 12.15 pm	ICSES- 058	Parkinsons - Disease Detection Using CNN Architectures With Transfer Learning	Nusrat Jahan, Arifatun Nesa, Md. Abu Layek
12.15 - 12.30 pm	ICSES- 507	Machine learning Smart Traffic Prediction and Congestion Reduction	A.Lakshna, K.Ramesh, B. Prabha, D.Sheema and K.Vijayakumar

PROGRAMME SCHEDULE ICSES 2021

Session: Artificial Intelligence and Machine Learning (Track-3)

Date: 24.09.2021   Time: 03.00 pm to 04.30 pm

Session Chair :
Dr. Ramkumar Krishnamoorthy, Vishwakarma University, Pune, Maharashtra.
Dr. K. Vijayalakshmi, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T324A02

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-075	A Comparative Assessment Study on Machine Learning Classifiers for Cardiac Arrest Diagnosis and Prediction	Nishq Poorav Desai, Abhijay Wadhwani, Mohammed Farhan Baluch, Nilamadhab Mishra
03.15 -03.30 pm	ICSES- 092	Content Based Offline Fake News Detection using Classification Technique	Dr. Meenu Gupta
03.30 -03.45 pm	ICSES- 093	Document Clustering and Topic Classification Using Latent Dirichlet Allocation	Dr. Meenu Gupta
03.45 -04.00 pm	ICSES- 126	Vyayam: Artificial Intelligence based Bicep Curl Workout Tacking System	G.SAMHITHA
04.00 -04.15 pm	ICSES- 133	Cyber security using Machine Learning in Digital Education industry	Sonal Shukla

PROGRAMME SCHEDULE ICSES 2021

Session: Artificial Intelligence and Machine Learning (Track-3)

Date: 25.09.2021   Time: 11.00 am to 12.30 pm

Session Chair :
Dr. S K Niranjan, Sathyabama Institute of Science And Technology, Chennai
Dr.U. Sakthi, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T325F03

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-157	Artificial Intelligence based Framework for Effective Performance of Traffic Light Control System	Anuj Singh
11.15 - 11.30 am	ICSES- 179	Hybrid resampling and XGBoost Prediction using patient's details as features for Parkinson's Disease Detection	Aishwarya Keller
11.30 - 11.45 am	ICSES- 266	Music Generation for Novices Using Recurrent Neural Network	Sahreen Sajad, S. Dharshika
11.45 - 12.00 pm	ICSES- 275	Comparative study of Face Mask Recognition using Deep Learning and Machine learning classifiers	Prashant Ghimire
12.00 - 12.15 pm	ICSES- 284	Prediction of Cardiovascular Disease using Multiple Machine Learning Platforms	G. Shobana, S. Nikkath Bushra
12.15 - 12.30 pm	ICSES- 494	Performance evaluation of stainless steel plate defects using deep learning approach	Mrs. V. Elanangai

PROGRAMME SCHEDULE ICSES 2021

Session: Artificial Intelligence and Machine Learning (Track-3)

Date: 25.09.2021   Time: 03.00 pm to 04.30 pm

Session Chair :
Dr.L.Antony Rosewelt, Sri Sai Ram Institute of Technology, Chennai.
Dr. C. Saravanakumar, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T325A02

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-289	Prediction of Cardiovascular Disease using Multiple Machine Learning Platforms	A.Lakshmanarao
03.15 -03.30 pm	ICSES- 317	Application and evaluation of Machine Learning for news article popularity prediction	Sejal Bhatia
03.30 -03.45 pm	ICSES- 326	A New hybrid classification algorithm for predicting customer churn	Dr. Babu Rao Markapudi
03.45 -04.00 pm	ICSES- 344	AI Bot for Academic Schedules using Rasa	Tanya Dinesh, T Terry Newton
04.00 -04.15 pm	ICSES- 386	Automatic Bone Age Assessment of Radiographs using Deep Learning	Varun Menon, Abhay Shreekant Shastry, B. Antonio Mervyn, Binish Zehra Rizvi
04.15 -04.30 pm	ICSES- 409	Gradient Conventional Recursive Neural Classifier Algorithm To Analyze The Malicious Software	B.LAVANYA, Dr.C.SHANTHI

PROGRAMME SCHEDULE ICSES 2021

Session: Intelligent Communications and Networks (Track-4)

Date: 24.09.2021   Time: 11.00 am to 12.15 pm

Session Chair :
Dr. Lavika Goel, Malaviya National Institute of Technology (NIT), Jaipur
Dr. Jeba Johannah, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T424F04

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-009	Hybrid Approach of Genetic Algorithm and Differential Evolution in WSN Localization	Nithya B
11.15 - 11.30 am	ICSES- 087	Using Ensemble Learning Algorithms and Feature Selection Method for Improved Intrusion Detection System	Dr. N.Raghavendra Sai
11.30 - 11.45 am	ICSES- 096	Keyword spotting in historical document collections without segmentation using the Siamese Network	Ashwini Sapkal, Chhavi Malik, Sachin Yadav
11.45 - 12.00 pm	ICSES- 103	Object Detection in Self Driving Cars Using Deep Learning	Prajwal D
12.00 - 12.15 pm	ICSES- 134	Deep Learning Oriented Channel Estimation for Interference Reduction for 5G	Swapna Tangelapalli

PROGRAMME SCHEDULE ICSES 2021

Session: Intelligent Communications and Networks (Track-4)

Date: 25.09.2021   Time: 11.00 am to 12.30 pm

Session Chair :
Dr. Arunachalaperumal C, SA Engineering College, Chennai
Dr.M.V. Karthikeyan, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T425F04

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-135	Capsule Networks based Acoustic Emotion Recognition using Mel Cepstral Features	Bhanusree Yalamanchili, T. Vishnu Vardhan Reddy, S. Karthik Rao,
11.15 - 11.30 am	ICSES- 203	Components, Technologies, and Market of Road Traffic Management System in Global Scenarios: A Complete Study	Piyush Agarwal
11.30 - 11.45 am	ICSES- 255	Edge Delay and Communication Phase in Consensus Network	Nakul Giri
11.45 - 12.00 pm	ICSES- 327	WanderMate: GPS based bus tracking interface system	Regish Nedumannil George
12.00 - 12.15 pm	ICSES- 332	Analysis of An Efficient Routing Protocol for Mobile Ad-Hoc Networks	ALTAF C
12.15 - 12.30 pm	ICSES- 338	Detection of Malicious URLs in Twitter	Abhijith Vutukuru, Chandana Phanidhar Sai Sravan, Dasaraju Venkata Raju

PROGRAMME SCHEDULE ICSES 2021

Session: Signal & Image Processing (Track-5)

Date: 24.09.2021   Time: 11.00 am to 12.30 pm

Session Chair :
Dr S. Ramesh, Vignan's Foundation for Science Technology & Research, Guntur
Dr. Vydeki D, VIT Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T524F05

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-020	Stability Analysis of Multi-input DC-DC Converters	M.Pushpavalli
11.15 - 11.30 am	ICSES- 120	Comparison of Different Lossy Image Compression Techniques	Y. Lakshmi Prasanna, Y.Tarakaram, Y.Mounika
11.30 - 11.45 am	ICSES- 121	Comparative Study of Gradient Domain Based Image Blending Approaches	Maturi Tanuj, Aishwarya Virigineni, Apoorva Mani
11.45 - 12.00 pm	ICSES 197	A Framework for Pre Processing, Recognizing and Distributed Proofreading of Assamese Printed Text	Nibir Borpuzari
12.00 - 12.15 pm	ICSES- 216	Kernel Regression based Sparse Metric Learning for Extensive Classification of Visual Art Images	D N S Ravi Kumar
12.15 - 12.30 pm	ICSES- 430	Incremental feedback learning mechanism for highly efficient automatic image segmentation with feature coupling	Manisha Bhagwat

PROGRAMME SCHEDULE ICSES 2021

Session: Signal & Image Processing (Track-5)

Date: 25.09.2021   Time: 11.00 am to 12.30 pm

Session Chair :
Dr. Kavitha Balamurugan, KCG College of Technology, Chennai
Dr. Rajinikanth V, St. Joseph's College of Engineering, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T525F05

Time	Paper ID	Paper Title	Authors
11.00 - 11.15 am	ICSES-243	A Hybrid Machine Learning Strategy Assisted Diabetic Retinopathy Detection based on Retinal Images	Arunabhaskar Karri
11.15 - 11.30 am	ICSES- 333	Extractive Summarization of Text from Images	Raunak R Kolle, Sanjana S
11.30 - 11.45 am	ICSES- 350	Classification of Natural Disaster Using Satellite & Drone Images with CNN Using Transfer Learning	TUSHAR AGRAWAL
11.45 - 12.00 pm	ICSES- 364	A Quantitative Analysis of Basic vs. Deep Learning-based Image Data Augmentation Techniques	Hrudheeshta Anishetty
12.00 - 12.15 pm	ICSES- 175	Analysis of Personality Traits from Text Based Answers using HEXACO Model	P. WILLIAM
12.15 - 12.30 pm	ICSES- 355	Traffic Sign Detection using Deep Learning Techniques in Autonomous Vehicles	Amit Juyal

PROGRAMME SCHEDULE ICSES 2021

Session: Devices, RF Circuits, Systems and Antennas (Track-6)

Date: 24.09.2021   Time: 03.00 pm to 04.45 pm

Session Chair :   **Session In-Charge**
Dr. Tushar H. Jaware, R C Patel Institute of Technology, Shirpur.
Dr.M.Samayaraj Murali Kishanlal, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T624A03

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-027	Design and Analysis of a UWB microstrip patch antenna for Wireless Implantable Body Area Network (Wi BAN) Applications	Dr.P.Pardhasaradhi
03.15 -03.30 pm	ICSES- 050	Design of Cubic Dielectric Resonator Antenna for Biomedical Application	Keren Naomi Devnesh
03.30 -03.45 pm	ICSES- 067	Asymmetrical Cascaded H-Bridge 31 Level Inverter With Low THD for PV Application	Rameshbabu A
03.45 -04.00 pm	ICSES- 163	Smart Village Monitoring And Control Using PLC And SCADA	Haritha K, Karthika G
04.00 -04.15 pm	ICSES- 159	A Novel Design on Non-isolated High-Gain Interleaved KY- Converter with Enhanced Dynamic Performance	G.T. Sundar Rajan
04.15 -04.30 pm	ICSES- 161	Design of Optimum Multiplexer In Quantum-Dot Cellular Automata	Vijay Vallabhuni
04.30 -04.45 pm	ICSES - 208	MPPT Based Solar PV And Class IV Powered Brushless DC Motor for Water Pump System	Rameshbabu A

PROGRAMME SCHEDULE ICSES 2021

Session: Devices, RF Circuits, Systems and Antennas (Track-6)

Date: 25.09.2021   Time: 03.00 pm to 04.30 pm

Session Chair :
Dr. S. Thangavel, NIT Puducherry
Dr. G. S. Uthayakumar, St. Joseph's Institute of Technology, Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T625A03

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-209	Improved Dynamic Response of Boost LLC AC - DC Converter with Voltage Regulation	Rameshbabu A
03.15 -03.30 pm	ICSES- 296	Review on Soiling Implications and Cleaning methodology for Photovoltaic Panels	SIVAGAMI P
03.30 -03.45 pm	ICSES- 304	Employing Analog Circuits by Neural-Network based Multi-Layer-Perceptron	D. Sudha
03.45 -04.00 pm	ICSES- 367	Silver and Gold Nano Antennas for THz Optical Communication	Kavitha S
04.00 -04.15 pm	ICSES- 460	Automatic Speed Controller of Vehicles Using Arduino Board	V.MEENAKSHI

PROGRAMME SCHEDULE ICSES 2021

Session: Internet of Things (Track-7)

Date: 24.09.2021   Time: 03.00 pm to 04.30 pm

Session Chair :
Dr.S.Sakthivel Murugan, SSN College of Engineering, Chennai
Dr.P.G.V.Ramesh, St. Joseph's Institute of Technology , Chennai

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T724A04

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-019	Auto Supply To Load From Four Different Sources Using IoT	P.ABIRAMI
03.15 -03.30 pm	ICSES- 048	IoT to inculcate Smart Farming and Soil Nutrient Retention	Gagandeep Singh Kukreja
03.30 -03.45 pm	ICSES- 061	Smart Agriculture Monitoring Rover for Small-Scale Farms in Rural Areas using IoT	Aishwarya Girish Menon
03.45 -04.00 pm	ICSES- 113	Current Trend of IoT Market and its Security Threats	Ms. Harinee Shanmuganathan
04.00 -04.15 pm	ICSES- 377	A Novel Smart Healthcare System Design for Internet of Health Things	Pulkit Jain
04.15 -04.30 pm	ICSES- 506	A time optimization model for the Internet of Things-based Healthcare system using Fog computing	Aiswarya S, RameshK, Prabha B, Sasikumar S, and K Vijayakumar

PROGRAMME SCHEDULE ICSES 2021

Session: Internet of Things (Track-7)

Date: 25.09.2021   Time: 03.00 pm to 04.30 pm

Session Chair :
Dr.M.Baskaran, Associate Professor at Sri Sai Ram Engineering College, Chennai, India.
P. Illavarason, Assistant Professor at Periyar Maniammai University, Thanjavur, India.

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T725A04

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-516	Optimized Anchor based Localization using Bat Optimization Algorithm for Heterogeneous WSN	Nithya B and Jeyachidra J
03.15 -03.30 pm	ICSES- 520	Wearable Device for Commuting Ladies Using IoT	K.Vasanth
03.30 -03.45 pm	ICSES- 522	Monitoring of Food grains on a Smart Container using Internet of Things	K.Vasanth
03.45 -04.00 pm	ICSES- 524	Low Power VLSI Architecture for Data Comparators for Non-Linear Imaging Applications	K.Vasanth
04.00 -04.15 pm	ICSES- 526	Design and Analysis of First order Sigma-Delta Modulator Based on Switched Capacitor Integrator (130nm)	Mikhili Muralikrishna & Vadivel M
04.15 -04.30 pm	ICSES- 529	Fusion of Medical Images for Better Quality	CH.V. Krishna Rasagnya, C. Raja Kumar

PROGRAMME SCHEDULE ICSES 2021

Session: Electric Vehicles & Smart Energy System (Track-8)

Date: 24.09.2021   Time: 03.00 pm to 04.45 pm

Session Chair :
Dr. Harikrishnan R, Symbiosis International Deemed University, Pune
Rajasekaran P, Vinayaka Mission's Research Foundation – University, Salem.

Zoom Link: https://zoom.us/j/93597267396?pwd=YkgzVmlBM3hhbitNeGhZTW1ZVVVMQT09

Breakout Room: T824A05

Time	Paper ID	Paper Title	Authors
03.00 -03.15 pm	ICSES-144	History matching of an Oil Reservoir using Non-dominated Sorting Genetic Algorithm-II coupled with Sequential Gaussian Simulation	Giridhar Vadicharla
03.15 -03.30 pm	ICSES- 200	Combined Facts Devices for Reactive Power Control by Using Optimization Technique	S.Marlin
03.30 -03.45 pm	ICSES- 312	Strawberry Plants Health Detection for Organic Farming Using Unmanned Aerial Vehicles	Piyush Juyal
03.45 -04.00 pm	ICSES- 325	Harmonic Analysis of Grid Connected Electric Vehicles with Residential Load for Different Filters	Dinesh Patil
04.00 -04.15 pm	ICSES- 351	Energy Forecasting of Grid Connected Roof Mounted Solar PV Using PV*SOL	KAVITHA M
04.15 -04.30 pm	ICSES- 380	Implementation of Power Efficient Dynamic Comparator at 180 nm Process Technology for high-speed applications	Tripti Sharma
04.30 -04.45 pm	ICSES-530	Effectuation of Machine Learning for Fault Classification on Vehicle Power Transmission System	K.R.Vinisha and E.Kalpana

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