



St. JOSEPH'S INSTITUTE OF TECHNOLOGY (An Autonomous Institution) St. Joseph's Group of Institutions Jeppiaar Educational Trust OMR, Chennai - 119.



The Management, Principal, Staff and Students of

Cordially invite you to the

International Conference on

INNOVATIVE COMPUTING, INTELLIGENT COMMUNICATION AND SMART ELECTRICAL SYSTEMS (ICSES -2022)

on

15th & 16th July, 2022

ICSES 2022

Programme Schedule

Publishing Partner



Venue : Audio Visual Hall, Administrative Block





CHIEF PATRON Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D. Chairman, St. Joseph's Group of Institutions

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Mr. B. Shashi Sekar, M.sc. Executive Director, St. Joseph's Group of Institutions

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We Make You Shine St. JOSEPH'S INSTITUTE OF TECHNOLOGY (An Autonomous Institution) St. Joseph's Group of Institutions Jeppiaar Educational Trust OMR, Chennai - 119.





International Conference on

Day 1

Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2022)



15th & 16th July, 2022

Programme Schedule

08.30 a.m. - 09.00 a.m.

15th July, 2022

REGISTRATION

09.00 a.m. - 09.05 a.m.

PRAYER SONG

09.05 a.m. - 09.10 a.m.

WELCOME ADDRESS

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

09.10 a.m. - 09.15 a.m.

CONFERENCE REPORT

Dr. D. Kirubakaran, M.E., Ph.D.

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

09.15 a.m. - 09.20 a.m.

LIGHTING OF KUTHUVILAKKU

CONFERENCE PROCEEDINGS RELEASE

09.20 a.m. - 09.40 a.m.

INAUGURAL ADDRESS

Dr. Biren Prasad, B.E., M.S., Ph.D.

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

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

09.40 a.m. - 10.45 a.m.

VOTE OF THANKS

Dr. J. Dafni Rose, M.E., Ph.D. Head & Professor, Department of CSE, St. Joseph's Institute of Technology



International Conference on

Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2022)



15th & 16th July, 2022

Day 1

15th July, 2022

Programme Schedule

09.45 a.m. - 10.20 a.m.

INVITED TALK - 1

Topic: Key Characteristics of a Journal Quality Paper Dr. Biren Prasad, B.E.,M.S., Ph.D. Editor-in-Chief: Concurrent Engineering, SAGE Publication. President and CEO at Knowledge Solution, PLM consulting & KBE service company, USA

10.20 a.m. - 11.15 a.m.

INVITED TALK - 2 Topic:

Smart Grid - Revolutionizing the Energy Future Dr. N.Kumarappan, B.E., M.E., Ph.D. Chairman, IEEE Madras Section and CIS Madras Chapter. Professor, Department of Electrical Engineering Annamalai University, Tamil Nadu



11.15 a.m. - 11.30 a.m.

TEA BREAK

11.30 a.m. - 01.30 p.m.

TECHNICAL TRACK 1

01.30 p.m. - 02.00 p.m.

LUNCH BREAK

02.00 p.m. - 02.45 p.m.

INVITED TALK - 3

Topic:

Bio-informatics

Dr. S Muttan, M.E., Ph.D. Professor, Department of Electronics and Communication Engineering, Anna University, Chennai

TECHNICAL TRACK 2

02.45 p.m. - 04.45 p.m.

04.45 p.m. - 05.00 p.m. TEA BREAK

Advancing Technology for Humanity International Conference on

Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2022)



15th & 16th July, 2022

Day 2

16th July, 2022

Programme Schedule

08.30 a.m. - 09.00 a.m.

REGISTRATION

09.00 a.m. - 10.00 a.m.

INVITED TALK - 4

Topic:

Introduction to Creative Coding Dr. Jey Veerasamy, M.E., Ph.D. Director of the Ut Dallas Center Computer Science Education & Outreac University of Texas at Dallas, USA



10.00 a.m. - 11.00 a.m.

INVITED TALK - 5

Topic:

Adversary or Ally? Generative adversarial models in biomedical image analysis

Dr. Surya Prasath, M.S., Ph.D. Assistant Professor, Departments of Biomedical Informatics, Electrical Engineering & Computer Science University of Cincinnati, USA

11.00 a.m. - 01.00 p.m.

TECHNICAL TRACK 3

1.00 p.m. - 01.30 p.m. LUNCH BREAK



International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2022)



Day 2

16th July, 2022

Programme Schedule

15th & 16th July, 2022

01.30 p.m. - 02.30 p.m.

INVITED TALK - 6 Topic: Computer vision Dr. Saravanan Chandran, Ph.D., (NITT) Associate Professor, Department of Computer Science and Engineering, National Institute of Technology, Durgapur

02.30 p.m. - 04.45 p.m.

TECHNICAL TRACK 4

04.45 p.m. - 05.00 p.m.

VALEDICTORY CEREMONY

05.00 p.m. - 05.15 p.m.

CERTIFICATE DISTRIBUTION AND TEA BREAK



Session:Innovative Computing (Track-1)

Date:15.07.2022

Time:11.30 am to1.30pm

Session Chair : Dr. S.Geetha, Professor & Associate Dean, VIT University Chennai Campus, India Dr.R.Priscilla, Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	PaperTitle	Authors
11.30 -11.45am	ICSES-138	e-seller Web Application for Vegetables using STS Framework	Hemalath D, Vengala Geetha Charan
11.45- 12.00pm	ICSES- 114	OraB - A Community of Donors	Almas Begum, Ayushi, Ankit Dixit, Arijit Mukherjee
12.00 - 12.15pm	ICSES- 616	An Enhanced Reversible Data Hiding Algorithm to Maintain Privacy of Multimedia in Cloud	A.Vidhya,P.Mohan Kumar
12.15 -12.30pm	ICSES- 414	Watermarking Techniques Performance Analysis in Medical Images for Secure Communication	Abirami R, Malathy C
12.30 -12.45pm	ICSES- 511	An Optimization Analysis on Ant Colony and Particle Swarm for Load Balancing Techniques and Policies with Software Defined Networks(SDN)	B.Nagasri, V.Anbarasu
12.45 -01.00pm	ICSES- 129	Spotting Web Attack in IoT Networks Using Ensemble Deep Learning Technique	Hemalatha D, Kanagala Sai Deepak, Edara Sravani, Muvida Dhananjaya
01.00 -1.15pm	ICSES- 612	Intelligent Organ Transplantation System Using Rank Search Algorithm to Serve Needy Recipients	Adithya Pothan Raj V, Sankar S, Shuruti U, Sri Bhuvaneshwari B, Thanushri Pooja S
01.15 -1.30pm	ICSES- 588	An Extensive Analysis of Task Scheduling Algorithms Based on Fog Computing QOS Metrics	Vijayalakshmi V, Saravanan M

Session:Artificial Intelligence and Machine Learning (Track 2)

Date:15.07.2022

Time:11.30 am to1.30pm

Session Chair :

Dr. G. Kulanthaivel, Professor, National Institute of Technical Teachers Training and Research, India **Dr. V. Rajinikanth,** Professor, St. Joseph's College of Engineering, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.30 -11.45am	ICSES-099	Analysis on Semantic categorization technique of analogous label by using Deep Learning Technique	Shyam R S, Sunitha T, G Thiyagarajan, B Sriman Pavithra R, Neha Rao G
11.45- 12.00pm	ICSES- 393	Comparison of Mamdani and Sugeno fuzzy based data aggregation models for developing smart aquaculture system	G.Shahana, P.Ezhilarasi, S.Rajesh Kannan
12.00 - 12.15pm	ICSES- 634	An Efficient Reliable Federated Learning Technology	P Varalakshmi, K Narmadha, B Niveditha, A Akshaya, S K Sarah
12.15 -12.30pm	ICSES- 636	Glomeruli Identification In Renal Biopsy Using Deep Learning Approaches	Varalakshmi P, Saroja S, Soundarya Ketharaman, Shimola S
12.30 -12.45pm	ICSES- 261	Anomaly and activity recognition in a video surveillance using Masked Autoencoder	Kavitha Datchanamoorthy, B.Padmavathi, Vishnu Prakash V, Yogesh.S, Sikkandar Sahabudeen R
12.45 -01.00pm	ICSES- 423	Identifying the label of crisis related tweets using Deep neural networks for aiding emergency planning	S. Chandrakala, S. Albert Antony Raj
01.00 -1.15pm	ICSES- 397	Driver Drowsiness Detection and Alert System using YOLO	Yogesh R, Vaddi Ritheesh, Suneel Reddy, Rajesh George Rajan
01.15 -1.30pm	ICSES- 100	Blockchain Industry 5.0: Next Generation Smart Contract and Decentralized Application Platform	Sriman B , Annie Silviya SH , Santhosh Kumar E,Suryaa Narayanan K, Nishaalu S.

Session:Internet of Things (Track 3)

Date:15.07.2022

Time:11.30 am to1.30pm

Session Chair :

Dr. P. A. Manoharan, Chairman, IEEE Madras section (2018-19)& Scientist, DRDO (Retired), India. **Dr. S. Jothi**, Professor St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.30 -11.45am	ICSES-607	Intelligent Door Assist system using Chatbot and Facial Recognition	Adithya Pothan Raj V, Sankar S, Pradeep D, Rangarajan A, Ranjith Kumar G
11.45- 12.00pm	ICSES- 551	Cognition Based Fog layer to Mitigate the challenges of Real-Time Medical Applications	Kalingarani G , P Selvaraj
12.00 - 12.15pm	ICSES- 513	IoT Enabled Water Distribution Systems for Energy Efficiency in WSN	Subha. J, M. Kowsigan
12.15 -12.30pm	ICSES- 404	Unmanned Aerial Vehicle for Smart Farming Systems: Types, Applications and Cyber-Security Threats	Priyadharshini.SP, P.Balamurugan
12.30 -12.45pm	ICSES- 564	Cascaded ANN Controller for Grid Tied PV Based EV Charging Station	G.Vasumathi, Dr.V.Jayalakshmi
12.45 -01.00pm	ICSES- 535	Analysis and Control of Isolated Bidirectional HRPWM Converter for Solar Powered EV Charging Station	G.Vasumathi, V.Jayalakshmi, K.Sakthivel, S.Prakash
01.00 -1.15pm	ICSES- 413	Structural Design and Implementation of Omni- Directional Robot Based on Swerve Drive	Kamala Vennela Vasireddy, Melita Rose G, Suraj Suresh, Rakesh M, Sanjeev Sharma, Salna Mary Joy
01.15 -1.30pm	ICSES- 125	Application of Self-Adaptive Biogeography Based Optimization to Economic Load Dispatch Problems	Ramesh Kumar A, Pravina P, Ramesh Babu M

Session:Artificial Intelligence and Machine Learning (Track 4)

Date:15.07.2022

Time:11.30 am to1.30pm

Session Chair : Dr.P. SrideviPonmalar, Professor, SRM Institute of Science and Technology, Chennai. Dr. G. Murugesan, Professor, St. Joseph's College of Engineering, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.30 -11.45am	ICSES-220	Stock Price Prediction using Deep Learning and FLASK	A. Lakshmanarao, M. Raja Babu, Chabi Gupta, A S.Gani Lakshmi
11.45- 12.00pm	ICSES- 509	KNN Based Peak-LOF for Outlier Detection	Sasirekha.R, Kanisha.B
12.00 - 12.15pm	ICSES- 435	Fruit Freshness Detecting System Using Deep Learning and Raspberry Pi	Reethu,Sudheksha.S,Vinothini.K,Sh obana.G
12.15 -12.30pm	ICSES- 219	Depression Prediction of Human Using Advanced Technology and Medical Imaging	Annapoorani S, Dr P Saravanan
12.30 -12.45pm	ICSES-283	Human Voice Emotion Recognition Using Multilayer Perceptron	Mrs Femi D, Mrs S.Thylashri
12.45 -01.00pm	ICSES- 531	Human Sign Language Recognition Using Deep Learning	S.Thylashri, D.Femi, V.Jawahar, D.Santhakumar, Y.V Rakesh Reddy
01.00 -1.15pm	ICSES- 091	Heart Disease Prediction Using Machine Learning Algorithms	Ignatious K Pious, Y.Cephas Soulwin, Emmadi Nipun Reddy, K Antony Kumar
01.15 -1.30pm	ICSES- 486	Real time Facial Emotion Detection Using Machine Learning	N. C. Brintha, G.L.V.Sai Jaswanth, Darapuneni Venkat, Janjanam Adi Narayana, Gandla Jaya Chandrapal

Session:Intelligent Communications and Networks (Track 5)

Date:15.07.2022

Time:11.30 am to1.30pm

Session Chair : Dr. Mohammad Faseehuddin, Professor, Symbiosis International Deemed University, Pune Dr. P.G.V. Ramesh, Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	PaperTitle	Authors
11.30 -11.45am	ICSES-542	e-Health Assisted Smart Supermarket	Jose Anand, Nitin Mishra, S. S. P. M. Sharma B., Bharat Mukundrai Joshi, M.Sangeetha
11.45- 12.00pm	ICSES- 113	Performance Evaluation of Coding Schemes for 5G Communication Under Different Channel Setting	Lipsa Dash , Anand Sreekantan Thampy
12.00 - 12.15pm	ICSES- 385	Privacy Preserving Security Integrating Method with Varying Key Encryption Model in Cloud	Kalyanaraman B, Dr.R.Kavitha
12.15 -12.30pm	ICSES- 109	Efficient Integrity Checking and Secured Data Sharing In Cloud	S Sushma,G Srinivas,P Srilatha
12.30 -12.45pm	ICSES-053	Smart Device For Effective Communication in The Healthcare System	Rajesh Singh, Pooja A. Mishra, Arun Prakash, Korakod Tongkachok, Makarand Upadhyaya, M. Kalyan Chakravarthi
12.45 -01.00pm	ICSES- 056	Implementation of DNN in Cyber security	Joel Alanya-Beltrani, Shaik Vaseem Akram, K. A. Ajmath, Carlos Valderrama-Zapata, Yashpal Singh, M.Z.M.Nomani,
01.00 -1.15pm	ICSES- 083	Data Aggregation Of Wireless Sensor Network Using Bee Swarm Optimisation Techniqie	Rajaram Jatothu,Suma Sira Jacob, Sana Sulaiman Hamid, Ashwini Kumar Saini, Devendra Singh, Dhiraj Kapila
01.15 -1.30pm	ICSES- 084	Linear Analysis of RC Tower with wind loading and telecommunication system	Vishal Baburao Shinde, Ranjeet Yadav, Vikash Singh, Arun Prakash, Atul Sarojwal, ShaikVaseem Akram

Session:Signal & Image Processing (Track 6)

Date:15.07.2022

Time:2.45 pm to 4.45pm

Session Chair : Dr.N. Sasirekha, Associate Professor, Sona College of Technology Dr.G.S.Uthayakumar, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
2.45 – 3.00 pm	ICSES-449	Medical Imaging Modalities and Deep Learning Algorithm for Detecting Breast Cancer at the Early Stages	P.Geetha, S.Umamaheswari
3.00 – 3.15 pm	ICSES- 577	Implementation of Image Segmentation with Prewitt Edge Detection using VLSI Technique	N Prakash ,Syed Asif Basha, Subrata Chowdhury, Reshmi B, Dhiraj Kapila , S.Devi
3.15 – 3.30 pm	ICSES- 579	Effective implementation of the Prototype of a digital stethoscope using a Smartphone	T. Aditya Sai Srinivas, Ravindra Babu. B, Miskir Solomon Tsige, R.Rajagopal, S.Devi, Subrata Chowdhury
3.30 – 3.45 pm	ICSES- 108	Brain Tumor Segmentation and Survival Prediction using Multimodal MRI Scans with Deep learning Algorithms	Anjanayya S, V. M. Gayathri, R. Pitchai
3.45 – 4.00 pm	ICSES-299	Face Recognition Using Gradient Texture Features	Soora Narasimha Reddy, Ishwarya Modika, Gummadi Tejashwini, Tanneru Mythri, Kadarla rohan karthik kumar, Ubbani Samson raj
4.00 – 4.15 pm	ICSES- 547	Colorization of Black & White Videos & Photographs	K.Nimala, Mrs.G.Geetha, Dr.J.Godwin Ponsam
4.15 – 4.30 pm	ICSES- 248	Smart Contract Document Authentication for Digital Clothing Design Specification based on Blockchain and QR Code	D.Geethanjali, R.Priya, R.Bhavani
4.30 – 4.45 pm	ICSES- 142	Image Processing and Artificial Intelligence for Precision Agriculture	Sharmila .G, Kavitha Rajamohan

Session:Intelligent Communications and Computing (Track 7)

Date:15.07.2022

Time:2.45 pm to 4.45pm

Session Chair :

Dr. G. Ramkumar,Associate Professor& Head, Saveetha School of Engineering (SIMATS) Chennai. **Dr. J. JebaJohannah,** Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	PaperTitle	Authors
2.45 – 3.00 pm	ICSES-180	Performance Analysis of Energy Efficient MAC Unit for Digital Applications	G Rajalakshmi, Mathan N, Abinaya M, Sonali M, T Thaj Mary Delsy
3.00 – 3.15 pm	ICSES- 181	An Efficient Systolic Transformation FIR filter for Digital Systems	Godwin Premi M S, Mathan N, Narmadha R, Vijayabhaskar V, Bernatin T
3.15 – 3.30 pm	ICSES- 229	Development of a Mobile Disinfectant Robot with UV Lamps for the Prevention of Covid-19	Gurulakshmi A. B, Nithin Kumar N R, Aditya Jakkaraddi, K Kabilan, Rajeev Kumar, S Sharan
3.30 – 3.45 pm	ICSES- 584	IOT based LED Electronics board	M.Singaram, P J Harini, Hari Pranav S, Pramodh A, Praveen R, K Vijayakumar
3.45 – 4.00 pm	ICSES-589	An ensemble auto-encoder for age estimation based on human facial expressions	Katta Nagaraju, Dr. M. Babu Reddy
4.00 – 4.15 pm	ICSES- 222	Covid Contact Tracing APP	Dr. P. Niranjan Reddy, G Srilekha, M.Sai Charan Reddy, K Chandrahaas Reddy, P Hemanth Kumar, A Abhinaya
4.15 – 4.30 pm	ICSES- 401	An Intelligent Automated System for Porter Services in India	Praveen R, Siva Prasad, Vishvaa R, Swati Saxena
4.30 – 4.45 pm	ICSES- 603	An Enhanced Solution for Detection of Injected Android Malware Application	Yash Kanchhal, S. Murugaanandam

Session:Internet of Things (Track 8)

Date:15.07.2022

Time:2.45 pm to 4.45pm

Session Chair : Dr. P. Mohan Kumar, Professor, Sri Krishna College of Engineering and Technology, India. Dr A Sheryl Oliver, Associate Professor, St. Joseph's College of Engineering, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
2.45 – 3.00 pm	ICSES-176	Synchronization of Diesel Generator using Micro- Controller	Brintha N C, T.Veera Venkata Sai, B. Niteesh Satya Sai, P. Nidita, Yk. Induvarshini, Vikram K
3.00 – 3.15 pm	ICSES- 202	Performance Monitoring and Dynamic Scaling Algorithm for Queue Based Internet of Things	Ajay.P, Avinash Sharma, Sathisha B M, P.Pavankumar, N. K. Darwante, Dankan Gowda V
3.15 – 3.30 pm	ICSES- 269	Applications of Internet of Things in Smart Grid Intelligent Systems	Payal Maharu Chavan, Saurabh Mohan Dabhade, Vijay Kumar, D.B. Pardeshi, P. William
3.30 – 3.45 pm	ICSES- 126	Real Time Automation of Agriculture Environment for Indian Agricultural System using IoT	Kiruthika SB, Ezhilarasi D, Gopinath N, D.Sathish Kumar
3.45 – 4.00 pm	ICSES-345	Effective Child Safety System Based on RFID and Face Recognition Technique	Kalpana Devi S, Sharmila R, Soundharya S, Suganthi R
4.00 – 4.15 pm	ICSES- 576	Autonomous Vehicle for Physically Impaired People	Deepanshi Srivastava, Pratikshya Sahu, G.Geetha
4.15 – 4.30 pm	ICSES- 035	An integrated approach for Wastewater Treatment System using IoT for green infrastructure using sensor	N.Sasirekha, V Karthika, M Tamilselvi, Sasirekha D, Chayan Paul
4.30 – 4.45 pm	ICSES-038	Patient health monitoring system using smart IoT devices for medical emergency services	Sreelakshmy R,Sruthy R, R Rajeshwari, B. Thyla, Suresh Kumar M

Session:Internet of Energy & Battery Management System (Track 9)

Date:15.07.2022

Time:2.45 pm to 4.45pm

Session Chair : Dr. T. M. Amirthalakshmi, Professor, Rajalakshmi Institute of Technology, Chennai. Dr.S.Gomathi, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	PaperTitle	Authors
2.45 – 3.00 pm	ICSES-266	Automatic Power Factor Compensation for Industrial Use to Minimize Penalty	Jayshri B. Thore, Shalvi D. Garud, Dr. D.B. Pardeshi, D.A. Narayne, P. William
3.00 – 3.15 pm	ICSES- 371	High Voltage Gain Circuit for DC Bus Integration in Renewable Energy System Implemented by Interleaved Re-boost Converter	A.Santhi Mary Antony, D.Godwin Immanuel, M.Kavitha, V.Meenakshi, G.T.Sundar Rajan, C.R.Edwin Selva Rex
3.15 – 3.30 pm	ICSES- 502	State-Space representation of D-Q Controlled Grid Integrated Photovoltaic at Utility level	Shahina T. N., Mabel Ebenezer, Dr. Bisharathu Beevi
3.30 – 3.45 pm	ICSES- 024	Remodeling Control with Filter in Collaboration among Isolated Robot Systems with Force Feedback	V.Mohanavel, M. Ravichandran, Chayan Paul, S. Diwakaran, G. Sajiv
3.45 – 4.00 pm	ICSES-027	Several Adaptable Robot engagements planning with blending Conflict and plan resolution	G. Balachandran, S.Diwakaran, V.Mohanavel, R. Sabitha, V.Nanammal
4.00 – 4.15 pm	ICSES- 041	IoT and SVM-based Smart Irrigation System for Sustainable Water Usage	A.Sherly Alphonse, V. Suresh Kumar, N. Meenakshisundaram, Anvar Shathik J, S.Gomathi
4.15 – 4.30 pm	ICSES- 274	Improved Localization Algorithm Using Hybrid Firefly Genetic Algorithm In Wireless Sensor Network	S.Ranjith, J Jesu jeyarin
4.30 – 4.45 pm	ICSES-226	A novel approach to detect malware in portable executables of major operating systems	D Azshwanth, J. Godwin Ponsam

Session: Electric Vehicles & Smart Energy System (Track 10)

Date:15.07.2022

Time:2.45 pm to 4.45pm

Session Chair : Dr.R. Rathi, Assistant Professor (SG), Vellore Institute of Technology, Vellore Dr. S.Hemalatha, Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	PaperTitle	Authors
2.45 – 3.00 pm	ICSES-446	PLC based ATS Working with Load Sensing of Power Generator	M.Pushpavalli, D.Susitra, P.Sivagami,M.Kavitha, C.Bhuvaneswari, W.Abitha Memala, P.Jai Sudharson, S.Vino
3.00 – 3.15 pm	ICSES- 267	Deployment of Framework for Charging Electric Vehicle based on Various Topologies	Deepak Babasaheb Padale, Nikhil Mohan Borawake, P.S. Chobe, D. B. Pardeshi, P. William
3.15 – 3.30 pm	ICSES- 264	Implementation and Deployment of Smart Motor Starter using Macrodroid	Abhishek R. Betallu, Avinash D. Misal, Prashant Thokal , D. B. Pardeshi, P. William
3.30 – 3.45 pm	ICSES- 263	Framework for Deployment of Smart Motor Starter using Android Automation Tool	Akash K. Chaudhari, Ritesh S. Dighe, Prashant Thokal , D. B. Pardeshi, P. William
3.45 – 4.00 pm	ICSES-377	Biometric Electronic Voting Machine Using Fingerprint Sensor and Arduino	G.T.Sundar Rajan, V.Meenakshi, M.Kavitha, D.Godwin Immanuel, C.R.Edwin Selva Rex
4.00 – 4.15 pm	ICSES- 174	Controlling the Temperature of superheated steam of Boiler in Thermal Power Station by using Micro controller based closed loop control system	P.Selvam, A.Arulmurugan
4.15 – 4.30 pm	ICSES- 085	Harmonic Distortion reduction in Power System to improve Reliability and power quality	Dharam Buddhi, Lijo Jacob Varghese, Neeraja B, Sana Sulaiman Hamid, Ramya.D, M. Kalyan Chakravarthi
4.30 – 4.45 pm	ICSES-088	Wireless Communication design Using Neural Networks and Deep Learning	Rajesh Singh, Virender Khurana, M.Sambasiva Reddy, Ranjeet Yadav, Rachit Jangir, Dhiraj Kapila

Session:Innovative Computing (Track 11)

Date:15.07.2022

Time:2.45 pm to 4.45pm

Session Chair : Dr. George Fernandez.I Associate Professor, MVJ College of Engineering, Karnataka. Dr. Manohari, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	PaperTitle	Authors
2.45 – 3.00 pm	ICSES-230	A novel Deep CNN based LDnet model with the combination of 2D and 3D CNN for Face Liveness Detection	N.Nanthini, N.Puviarasan, P.Aruna
3.00 – 3.15 pm	ICSES- 361	Know Your Customer (KYC) as a service for Business Process Management (BPM) using Cloud Computing	Sandeep Patil, R. Pitchai, Ch. Madhubabu, K. Gunasekaran
3.15 – 3.30 pm	ICSES- 004	Maximize the production process by using a Novel hybrid model to predict the failure of machine	N Sengottaiyan, J. Vijayakumar, H. Senthil Kumar, P Kalyanasundaram,S. Markkandeya
3.30 – 3.45 pm	ICSES- 522	Analysis of Broadcast Reliability for Data Center Interconnect	Abhilasha Sharma, Sangeetha R.G, Anitha G
3.45 – 4.00 pm	ICSES-523	A Robust and Efficient GQD based biosensor for wearable applications	B.Padmavathi, V.Vijayakumar
4.00 – 4.15 pm	ICSES- 119	Multimodal Feature Selection for Android Malware Detection Classifiers	Divya J, Nithishram J, Naveenji P
4.15 – 4.30 pm	ICSES- 120	Intelligent Face Mask and Body Temperature Detection System using Machine Learning Algorithm	Heltin Genitha C, Kiruba Sangaree R, Kokilavani V
4.30 – 4.45 pm	ICSES-117	Air xylophone Using OpenCV	S.Sumathi,D.Vijila, M.Shastika

Session:Innovative Computing (Track-1)

Date:16.07.2022

Time:11.00 am to1.00pm

Session Chair : Dr. Senthil Velan S, Professor, CMR Institute of Technology, Bangalore, India Dr.C.Saravanakumar, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.00 -11.15am	ICSES-055	A Smart Homes Through Natural Language Processing Using Internet of Things	Joel Alanya-Beltran, Dr. Rajesh Singh, Sameer, Carlos Valderrama-Zapata, Ms Sonali Goya, Ms Neera Batra
11.15- 11.30am	ICSES- 060	IoT Military Bot using IoT for Missions process	S.K.UmaMaheswaran, Rajesh Singh, Patel YogeshKumar Jethabhai, Ravi Kant, Mustafa Mahdi Abdulridha, K.V.Daya Sagar
11.30 - 11.45am	ICSES- 070	Modelling of Smart Sensing Device for Sensitive Nanocluster	SK.Fakruddin Babavali, Anirudh Gupta, Prabin Kumar Bera, Abdulsattar Abdullah Hamad, Harishchander Anandaram, Shaik Vaseem Akram
11.45 -12.00pm	ICSES- 074	Power System Monitoring, Control and protection using IoT and cyber security	Dharam Buddh, Prabhu A, Abdulsattar Abdullah Hamad, Atul Sarojwal, Joel Alanya-Beltran, M. Kalyan Chakravarthi
12.00 -12.15pm	ICSES- 076	IOT based Electric Vehicles - Implementation	R. Raffik, Virendra Singh, Sumit Kumar, Joel Alanya-Beltran, Patel YogeshKumarJethabhai, Rajesh Singh
12.15 -12.30pm	ICSES- 593	Business Decision making using Data Science	Nagendra Singh Yadav, Vishal Goar, Pallavi Singh Yadav, Subrata Chowdhury, Trung Ninh Bui, Nguyen Thi Thu, K. Vijayakumar
12.30 -12.45pm	ICSES- 590	Nexus of Water Quality prediction by ANN	Talluru Tejaswi,Challapalli Manoj,Pepella Venkata Daivakeshwar Naidu ,Tekkala Santhosh, Polaki Venkata Sai Akhil, Vithya Ganesan
12.45 -1.00pm	ICSES- 375	Drug Review System Using Machine Learning by Comparing Linear Support Vector Machine with Naïve Bayes Classifier to Measure Accuracy	P.Dhanush, Dr.N.Nalini

Session:Artificial Intelligence and Machine Learning (Track-2)

Date:16.07.2022

Time:11.00 am to1.00pm

Session Chair : Dr.Abhilasha Sharma, Professor, CMR Institute of Technology, India Dr.L.Javid Ali, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.00 -11.15am	ICSES-578	Multilingual Contemplation for Social Media data by Hybrid Classifier	Challapalli Manoj,Talluru Tejaswi,Nekkanti Devi Sohana, Sriram Sai Valiveti, Vithya Ganesan, Viswanathan Ramasamy
11.15- 11.30am	ICSES- 196	Security Issues in Blockchain Integrated WSN: Challenges and Concerns	Tejbir Singh, Rohit Vaid, Avinash Sharma
11.30 - 11.45am	ICSES- 221	A Novel Machine Learning Approach to Predict Sales of an Item in E-commerce	Antony Rosewelt.L, Thirunavukkarasu.J, Parthiban. M, Sharath Kumar.P, Asrith Rahul.T.S, Vijay Kumaran.M
11.45 -12.00pm	ICSES- 448	Emotion Driven Chatbot Using Natural Language Generation Techniques	Mihul Singh Solanki, Lovenish Singh Panwar, S. Saminathan, C. Malathy
12.00 -12.15pm	ICSES- 378	Artificial neural networks are used in a Dark Having to learn Biometric smart card in contrast to the Integrated Method	G.khiran sai, Dr. P. Shyamala Bharathi
12.15 -12.30pm	ICSES- 204	An Ensemble Approach For Credit Card Fraud Detection Using Champion- Challenger Analysis	Harshit Muhal, Gaurav Khatri, Gaurav Kumar Dhama, Deepika Bansal
12.30 -12.45pm	ICSES- 030	A multidimensional time series data on wireless network to improve the detection performance of unsupervised learning algorithms	Chayan Paul, S.Ranjith, R.S.Vijayashanthi, R.Benazir Begam, R. Sabitha
12.45 -1.00pm	ICSES- 032	An intelligent IoT Enabled Traffic queue handling System Using Machine Learning Algorithm	Shamitha.C, S.Radhika, Malathy K, S. Ranjith, N.Sasirekha

Session: Electric Vehicles & Smart Energy System (Track-3)

Date:16.07.2022

Time:11.00 am to1.00pm

Session Chair : Dr.M. Pown, Assistant Professor, Sri Sairam Institute of Technology Dr. A. Ramesh Kumar, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.00 -11.15am	ICSES-168	An Improvement of Dual Active Bridge DC- DC Converter's ZVS range using Bidirectional buckboost Converter	Mr.Balamurugan.A, Kayalvizhi.P
11.15- 11.30am	ICSES- 499	SMC Controlled SAF for Reduction of Harmonics in DN	K R Shanmuga Vadivu, R Hannah Lalitha, M Pushpavalli, P Sivagami
11.30 - 11.45am	ICSES- 514	Harmonic Comparison of 10 Bus Loop and Radial Distribution Networks	P Abirami, K R Shanmuga Vadivu, R Hannah Lalitha, M Pushpavalli, P Sivagami
11.45 -12.00pm	ICSES- 392	Bipolar Bidirectional DC DC Converter for DC Microgrid Applications	B Karthikeyan, M Sakthiprakash, S Sanjayrahul, V Shivaprasad, N Sugumar
12.00 -12.15pm	ICSES- 521	Enhancement of the Switched Reluctance Motor Using Predictive Current Control	P. Priya, M. Ponvijayapaundian, J. Jenson, M. Mugesh saran
12.15 -12.30pm	ICSES- 172	Designing Hybrid Optimized Bidirectional based Controller (HOBC) with DC-DC Boost Converter For Power system	Devarajan. R, Dhamodharan. M.
12.30 -12.45pm	ICSES- 170	Reduction Of Total Harmonic Distortion In H- Bridge Hybrid Multilevel Inverter (Mli) Using Pod Technique With Linear Quadratic Regulator For Solar Inverters	P.Loganathan, A.Kathar Hussain
12.45 -1.00pm	ICSES-380	Improved Accuracy of Plant Leaf Classification using Random Forest Classifier over K-Nearest Neighbours	K.A.HEMANTH KUMAR, Dr. Shyamala Bharati

Session:Artificial Intelligence and Machine Learning (Track-4)

Date:16.07.2022

Time:11.00 am to1.00pm

Session Chair :

Dr. R. Jaichandran, Deputy Director Research - VMRF, Aarupadai Veedu Institute of Technology, India. **Dr. S. NikkathBushra,** Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.00 -11.15am	ICSES-256	Prediction of Diabetes at early stages using ANN & Outlier Exposure	Ajay Jagini, Nandam Gayatri, Sangepu Nagaraju, Vardhineni Saketh Rao, Kanjarla Sathish Rao, Boorla Sumanth
11.15- 11.30am	ICSES- 136	Conceptual Idea for Implementing Automated Complaint Monitoring System for Rural Development	Mohammad Manzoor Hussain, G. Geetha, R. Pitchai
11.30 - 11.45am	ICSES- 177	An Efficient AI, model for identification, and classification of, pneumonia from chest x-ray images	A Beena Godbin ,M Revathi, S.Nikkath Bushra, S.Anslam Sibi
11.45 -12.00pm	ICSES- 182	Analysis of pneumonia detection systems using deep learning-based approach	A.Beena Godbin,S.Graceline Jasmine
12.00 -12.15pm	ICSES- 382	Prediction of Heart Disease using Decision Tree in Comparison with KNN to Improve Accuracy	Gunasekhar, Dr. Radhika Baskar
12.15 -12.30pm	ICSES- 191	Sign Language Recognition using Machine Learning	Mr. Manikandan J, Brahmadesam Viswanathan Krishna, Surya Narayan S, Surendar K
12.30 -12.45pm	ICSES- 396	Formation of Text from Indian Sign Language using Convolutional Neural Networks	M. Kavitha, Aditi Chatterjee, Shivam Shrivastava, Gourav Sarkar
12.45 -1.00pm	ICSES- 150	Recommender system designed using an ensemble approach to semi-supervised learning	Nisha Sharma, Mala Dutta

Session:Intelligent Communications and Networks (Track-5)

Date:16.07.2022

Time:11.00 am to1.00pm

Session Chair : Dr.Naveen Babu, Associate Professor, Shiv Nadar University Dr.C.T.Kavitha, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.00 -11.15am	ICSES-272	Information Security using Chaotic Encryption and Decryption of Digital Images	Ijjuroti Sai Rupa, Kakollu Manideep, Narravula Mahika Kamale, Sodagudi Suhasini
11.15- 11.30am	ICSES- 390	A Hybrid Approach to Protect Server from IP Spoofing Attack	Varsha Parekh, Saravanan M
11.30 - 11.45am	ICSES- 439	Effective Detection of Exomphalos in Fetal Ultrasound Images Using Canny edge detector	B. Yamini, A. Vijay Vasanth, M. Shobana
11.45 -12.00pm	ICSES- 017	Physical Fitness and Exercise to motivate the golden-ager Using Body Area Networks	P. Shyamala Bharathi, V. Amudha, S. Jaanaa Rubavathy, G R Suresh, C. Senthilkumar
12.00 -12.15pm	ICSES- 383	Comparison on gain enhancement in Innovative Rectangular Microstrip patch antenna at 7.2GHz using Rt duroid substrate with MIMO antenna for Wireless Communications	Chakka Venkata Rama Krishna, Dr.A.Raja
12.15 -12.30pm	ICSES- 021	Wearable Sensor-Based Human Exhalation rhythm Recognition using Deep Learning Neural network	S. Jaanaa Rubavathy, G R Suresh, C. Senthilkumar, P. Shyamala Bharathi, V. Amudha
12.30 -12.45pm	ICSES- 028	A Novel Symmetric Key Compact to Reliable Connection between Sensor Nodes Using Exploitable Features of ECG	Riya K S, J.Sudhakar, M. Ravichandran, M.Tamilselvi, G. Sajiv
12.45 -1.00pm	ICSES- 045	LoRaWAN Mesh Networks: An efficient mesh formation of LoRa devices in rural energy system	Farzhana.I, A. Chandrasekar, S.Diwakaran, Hemavathi S, G.Ramkumar

Session:Signal & Image Processing (Track-6)

Date:16.07.2022

Time:11.00 am to1.00pm

Session Chair : Dr.Prabira Kumar Sethy, Department of Electronics, Sambalpur University. Dr. M.V. Karthikeyan, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
11.00 -11.15am	ICSES- 388	Improving Accuracy in Intelligent Coronary Heart Disease Diagnosis Prediction Model using Support Vector Clustering Technique Compared over Random Forest Classifier Algorithm	M Sai Babu , Mr.V.Karthick
11.15- 11.30am	ICSES- 043	An efficient object segmentation system based on U-Net for real-time satellite image	R. Sabitha, Anita Titus, G. Balachandran, M. Ravichandran, V. Mohanavel
11.30 - 11.45am	ICSES- 094	Implementation Of Virual Instrumentation For Signal Acquisition And Processing	Devendra Singh, A S Keerthi Nayani, M.Sundar Rajan, Ranjeet Yadav, Joel Alanya- Beltran, M. Kalyan Chakravarthi
11.45 -12.00pm	ICSES- 095	Deep Convolution Neural Network For RBC Images	Rajaram Jatothu, Arikatla Sireesha, Ganesh Kumar R, Kapil Joshi
12.00 -12.15pm	ICSES- 098	A Complete Framework For The Smart City through Artificial Intelligence	Anil Kumar Yadava, Anita Gehlot, Ms. Sana Tak, Richa, Sachin Tripathi, Suryabhan Pratap Singh
12.15 -12.30pm	ICSES- 103	Design of FIR Filter under Frequency Domain responses	Rajesh Singh, Prof. Ramapati Mishra, Richa, P. Venkateswara Rao, R.Gopinathan, Noor Mohammed Kadhim
12.30 -12.45pm	ICSES- 104	Identification Of Language Using ML Algorithms and Vectorization Techniques	Anita Gehlot, Bushra Khatoon Ansari, Deepika Arora, Harishchander Anandaram, Bhagwant Singh, José Luis Arias-Gonzáles
12.45 -1.00pm	ICSES- 105	Power system monitoring, control, and protection through data visualization using wireless communication	Hajabanu Shaikh Mohammed Essa, BudeshKanwer, AtulSarojwal, JoelAlanya- Beltran, Mohammed Saleh Al Ansari,Kapil Joshi

Session:Artificial Intelligence and Machine Learning (Track-7)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair :

Dr Harikrishnan R Associate Professor, Symbiosis International Deemed University, Pune, India. **Dr. K. Jaspin,** Assistant Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES- 391	Comparison of Extreme Logistic Regression Algorithm and Random Forest Algorithm for Efficient Prediction of Car Loan Default with Improved Accuracy, Precision, and Recall on Personal Loan Dataset	D. Jaya Prakash, M. GunaSekaran
03.00 -3.15pm	ICSES- 611	Machine learning based diabetes prediction using with AWS cloud	M Omkar, K .Nimala
03.15 -3.30pm	ICSES- 206	Multivariate Classification of Dry Beans using Pipelined Dimensionality Reduction Technique	G. Shobana, S. Nikkath Bushra, K. Uma Maheswari, Nalini Subramanian
03.30 -3.45pm	ICSES- 253	An Efficient Neural Network Model for Sentiment Analysis using Bi-LSTM and CNN	Manikandan B, Chakaravarthi. S
03.45 -4.00pm	ICSES- 049	Detection of Smoking in inside the office Using Deep Learning for CCTV Camera	Ravi Sha, Tapas Guha
04.00 -4.15pm	ICSES- 050	eAgri: Smart Agriculture Monitoring Scheme using Machine Learning Strategies	J. Venkatesh, K. K. Ramasamy, M. Aruna, K Praveen Kumar Rao, Nellutla Sasikala, Karthik Nasani
04.15 -4.30pm	ICSES- 069	Fault Detection and Torque Control In BLDC Motor using Al	Karthikeyan Kaliyaperumal, T.Sathesh Kumar, Ravi Kant, Mustafa Mahdi Abdulridha, Ramya.D, Anita Gehlot
04.30 -4.45pm	ICSES- 072	Security for information of health care using Machine Learning and IOT	Melanie Lourens, Kapil Joshi, AshimBora, JoelAlanya-Beltran, Ms NeeraBatra, Ms SonaliGoyal

Session:Artificial Intelligence and Machine Learning (Track-8)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair : Dr.L.Antony Rosewelt, Professor, Sri Sai Ram Institute of Technology, Chennai, India. Dr. M.K.Kirubakaran, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-409	An Efficient Deep Learning Approach for Plant Disease Detection	J. Thirunavukkarasu , M. Sangeetha , E. Swetha , K.J Oindrilla
03.00 -3.15pm	ICSES- 633	Convolutional Neural Network model in Different dataset for Pose Face Recognition	Jayabharathi P , Dr. Suresh A
03.15 -3.30pm	ICSES- 429	An efficient method for Blind Image Restoration using GAN	Gino Sophia S.G. , Syed Umar, N.Visvas
03.30 -3.45pm	ICSES- 342	Flashover Identification of Aged Silicone Rubber Insulators Using Partial Discharge Signal Processing and Machine Learning Random Forest Algorithm	R.Sankarganesh, S.Chandrasekar
03.45 -4.00pm	ICSES- 627	A Proposed Approach for Identifying the Connotative Relationship of English Sentences and paragraphs using the NLP package of Python	Divya Singh, Senthil Velan S, Vijayakumar K
04.00 -4.15pm	ICSES- 532	Dream Classification based on Beta waves in EEG signals	Ghadeer Yousef, S.Metilda Florence
04.15 -4.30pm	ICSES- 046	Analysis of Deep Learning Methods for Fracture Segmentation of Road surface under on Encoder and Decoder	T.D.Subha, N.Sasirekha, Shamitha.C, S.Radhika, M. Tamilselvi
04.30 -4.45pm	ICSES- 048	Empirical Analysis of Hybrid Machine Learning based Earlier Stage Covid Disease Prediction using Lung CT Images	J. Venkatesh, Anita Titus, B.Arthi, J. Jebastine, Subhani Shaik, E.Sakthivel

Session:Artificial Intelligence and Machine Learning (Track-9)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair : Dr.S.Balakrishnan, Professor and Head, Sri Krishna College of Engineering and Technology. Dr.K.SundaraVelrani, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-406	Detection of kidney stones from histopathological images using Transfer Learning	Srivarshan S, Roshan T, Stanes Solomon S
03.00 -3.15pm	ICSES- 090	Smart Routing System in Wireless Sensor Networks	Kapil Joshi, Dr Virender Khurana, Ch. Sivarama Krishna, Mohammed Azam, Yashpal Singh, Lalit Johari
03.15 -3.30pm	ICSES- 062	Using Machine Learning Techniques for Cancer Classification	CH.Srinivasa Reddy, Rajesh Singh, Bhavani R, Sanhita Dasgupta, Yashpal Singh, Suryabhan Pratan Singh
03.30 -3.45pm	ICSES- 066	Emotional Detection Based On Bio Information And Data Analytics	Joel Alanya-Beltran, Anita Gehlot, Uma Gurav, Carlos Valderrama- Zapata, Harishchander Anandaram, Amit Jain
03.45 -4.00pm	ICSES- 068	Smart Electric vehicle Charging Station for Residential Complex	E.Kannapiran, Kapil Joshi, Rajkumar K. Chougale, Naveen Rana, Neeraja B, Chamandeep Kaur
04.00 -4.15pm	ICSES- 080	Identification Of Language Using MI Algorithms and Vectorization Techniques	Joel Alanya-Beltran, Raj Kumar Jaiswal, Richa, Carlos Valderrama- Zapata, Devendra Singh, Dhiraj Kapila
04.15 -4.30pm	ICSES- 081	Leaf Disease Detection Using Deep Neural Network	Rashmi S. Deshpandey, Mohd. Shaikhul Ashraf, Shaik Vaseem Akram, Barinderjit Singh
04.30 -4.45pm	ICSES- 092	Technical analysis of crop production prediction using Machine Learning and Deep Learning Algorithms	Anita Gehlot, Neeru Sidana, Deepali Jawale, Neetu Jain, Bhaskar Pratap Singh, Barinderjit Singh

Session:Artificial Intelligence and Machine Learning (Track-10)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair :

Dr.S. Anthoniraj, Professor, MVJ College of Engineering, Bangalore, Karnataka, India. **Dr. P. Varalakshmi,** Professor, Anna University, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-284	Analysing the Personality traits using machine learning techniques	Murari Devakannnan Kamalesh, Bharathi.B
03.00 -3.15pm	ICSES- 285	Predictive and Prescriptive Analytics on Clinical Data using Improved K-NN technique	Liza M Kunjachen , R Kavitha
03.15 -3.30pm	ICSES- 356	Deep Learning Framework For Brain Tumor Classification Through Histopathological Image	Sandhiya B, Usha Kiruthika S, Kanaga Suba Raja S
03.30 -3.45pm	ICSES- 637	RemCheck: A Novel Drug Validator Application to detect fake Remdesivir, an Anti-Viral Drug for COVID-19	Sakthi Jaya Sundar Rajasekar, P Varalakshmi, K Narmadha, B Sivasankari
03.45 -4.00pm	ICSES- 002	An Intelligent stacking Ensemble-Based Machine Learning Model for Heart abnormality	J. Vijayakumar,H. Senthil Kumar, P Kalyanasundaram, S. Markkandeyan, N Sengottaiyan
04.00 -4.15pm	ICSES- 007	Fall Detection and Activity recognition using hybrid convolution neural network and Extreme Gradient Boosting classifier	H. Senthil Kumar, P Kalyanasundaram, S. Markkandeyan, N Sengottaiyan, J. Vijayakumar
04.15 -4.30pm	ICSES- 012	An Artificial Neural Network Classifier for palm Motion categorization based on EMG signal	Anitha G, R. Thandaiah Prabu, P. Nirmala, G. Ramya, G. Ramkumar
04.30 -4.45pm	ICSES- 013	COVID-19 identification and detection from CT-images using AI based ensemble model	R. Thandaiah Prabu, P. Nirmala, G. Ramya, G. Ramkumar, Anitha G

Session:Artificial Intelligence and Machine Learning (Track-11)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair : Dr.S. Srinath, Professor&Head,Velammal Engineering College, India Dr. AdlinSheeba, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-096	Smart Loading System of Bi-Directional Wireless Network	Joel Alanya-Beltran, Reeja S R, T.S.Rajeswari, Carlos Valderrama-Zapata, ShaikVaseem Akram, Dhiraj Kapila
03.00 -3.15pm	ICSES- 587	Improvised DBSC and Transductive SVM for Hybrid Recommendation systems	Maheswari A, Arunesh K
03.15 -3.30pm	ICSES- 583	Design and Development of virtual lab environment for embedded system and IOT applications	Bharath M, Indra J, Kirubakaran S
03.30 -3.45pm	ICSES- 565	Plant diseases detection using an improved CNN model	Vijayaganth V, Krishnamoorthi M, Srithar S, Vijaya Kumar T
03.45 -4.00pm	ICSES- 567	Artificial Intelligence based web-centric E- health monitoring system	Neha Moreshwar Mendhe, Sharmila D, Ramesh SM
04.00 -4.15pm	ICSES- 568	Optimization techniques for reducing the emissions through interconnected cars	Muthukumar S, Devipriya A, S Finney Daniel Shadrach, K Vijayakumar
04.15 -4.30pm	ICSES- 574	Machine Learning based cancer disease prediction	Dhivakar SS, Sivaramakrishnan
04.30 -4.45pm	ICSES- 572	Early detection of DDoS attack using integerated SDN-blockchain architecture for IOT	A. C. Sumathi, Anchal Ahalawat, Abijoy Rameshkumar

Session:Innovative Computing (Track-12)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair : Dr. Anitha G, Assistant Professor (SG), Saveetha School of Engineering (SIMATS), Chennai. Dr. C.A.Subasini, Associate Professor, St. Joseph's Institute of Technology, India

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-058	Implementation of Machine Learning Techniques for predicting Credit Card Customer action	Jeidy Panduro-Ramirez, Shaik Vaseem Akram, Ch.Srinivasa Reddy, Jenny Maria Ruiz- Salazar, Budesh Kanwer, Ram Singh
03.00 -3.15pm	ICSES- 065	Integrated Artificial Intelligence System with existing system for Predicting the Disease	S.K.UmaMaheswaran, Anita Gehlot, Bhagwant Singh, Joel Alanya-Beltran, Nrupura Dixit, Rohit Bansal
03.15 -3.30pm	ICSES- 223	Polarity Prediction On Product Reviews Based On Classification Algorithms	Syed Abdul Moeed, Mohammad Hafsa, Nuneti Prahaneetha, Govindhula Sai Sangeetha, Kota Manoj, Thopucherla Sujith
03.30 -3.45pm	ICSES- 224	Virtual Mouse Using Yolo	M Krishnamoorthi, Gowtham S, Sanjeevi K, Revanth Vishnu R
03.45 -4.00pm	ICSES- 639	Performance Improvement of Partially- Shaded PV Modules Connected DC Microgrid Systems Using MPPT	Anna Devi, J.Megala, D.Gururaj, A.Karunakaran, R.Radhika, S.Gomathi
04.00 -4.15pm	ICSES - 649	Detection of Liver disorder using Quadratic Support Vector Machine in comparison with RBF SVM to measure the accuracy, Precision, sensitivity and specificity	M S Madhu,Ramesh
04.15 -4.30pm	ICSES-642	Detection and analysis of emotion recognition from speech signals using Decision Tree and comparing with Support Vector Machine	ShaikZuber,Dr.K.Vidhya

Session:Innovative Computing (Track-13)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair :

Dr. R. Thandaiah Prabu, Associate Professor, Dept of VLSI Microelectronics, Institute of ECE, Saveetha School of Engineering (SIMATS) Chennai.

Dr. M. Ayyadurai, Assistant Professor, Dept. of CSE, SRM Institute of Science and Technology, Ramapuram, Chennai.

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES602	A Meta-Appraisal on UTAUT Model towards Accessibility and Adaptability of Digital Mobile Wallet Usage in India	Thirupathi M, Vijaya Bhaskar Kolur, V.P.Sriram, Devaraja Nayaka K M, Shanmuga Priya B, Pala Suriya Kala
03.00 -3.15pm	ICSES-471	A NOVEL APPROACH TO IMPLEMENTING THE APPLICATION OF BUSINESS INTELLIGENCE IN BACKWATER TOURISM SECTOR IN KERALA	Lakshmi Devaraj, Dr. P. Balasubramanian, Dr.
03.15 -3.30pm	ICSES-476	A Novel Machine Learning Approach of Multi-omics Data Prediction	Dr.B. Srinivasa Rao, S.Lavanya, K.Kajendran, Dr.Prince Prashant Sharma, Dr. Devvret Verma, Radhakrishnan P, Dr.G.Manikandan
03.30 -3.45pm	ICSES-600	A Novel Paradigm to Artificial Intelligence in Transforming Supply Chain Management in the Agile Business World	Dr. Manjula Pattnaik, Dr. Vijayalakshmi N.S, Dr. Megha Sharma, Dr. Anand Kumar, Mr.Sharaschandra K S,
03.45 -4.00pm	ICSES-470	An Analytical Approach to The Impact of "Artificial Intelligence" on Business in the Dynamically Changing Era of Disruptive Technology	Chandan Takhi, Dr. Rajnish Kler, Dr. Somya Choubey, Dr. Ity Patni, Dr. Sanjay Negi
04.00 -4.15pm	ICSES-599	Arrangement and Accomplishment of Interconnected Networks with the Virtual Reality Twinning with the Inner Light of Cybernetics	Dr. K. Bhavana Raj, Dr. Narinder Kumar Bhasin, Dr. Latika Kharb4, Gurpreet Singh, Mohit Tiwari
04.15 -4.30pm	ICSES-455	Artificial Intelligence and a Digital Twin are effecting building energy Management	G. Deena, Dr. Kamal Gulati, Dr. Rashmi Jha, Usha Rani Bajjuri, Dr. M. SAHITHULLAH, Manjeet Singh
04.30 -4.45pm	ICSES-460	Automated Cyberstalking Classification using Social Media	Dr K. Bhavana Raj, Dr Jitendra Kumar Seth, Dr Kamal Gulati, Dr Somya Choubey, Dr Ity Patni, Bhawna

Organised by : St. Joseph's Institute of Technology, Chennai, India / 15th& 16thJuly, 2022

Session:Intelligent Communications and Networks (Track-14)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair :

Dr.K. Vasanth, Professor and HOD, ECE Vidya Jyothi institute of Technology, Hyderabad. **Dr.V. Samuthira Pandi,**Assistant Professor, Dept of ECE, SRM Institute of Science and Technology Ramapuram, Chennai.

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-465	Electronic Copy Technologies for IoT Machinery	Dr. Armstrong Joseph. J, Dr. Gaurav Dhiman , Dr. Surabhi Saxena , Dr. Sachin K. Korde, Dr. Narinder Kumar Bhasin
03.00 -3.15pm	ICSES-474	Fraud Detection in Credit Card Data using Unsupervised & Supervised Machine Learning-Based Algorithms	Prasanna Kumar Lakineni, Dr. Keyurkumar M Nayak, Harikumar Pallathadka, Dr. Kamal Gulati, Kapil Pandey, Dr. Pinal J. Patel
03.15 -3.30pm	ICSES-469	Making Internet of Things Robust Through Blockchain Technology: A Quantitative Approach in The World of Technology Advancements	Dr Javed Alam, HORSLEY SOLOMON P, Dr. Amna Mirza, Dr. Bhavik U Swadia, Dr. Harikumar Pallathadka,
03.30 -3.45pm	ICSES-615	Sentiment Analysis Using Novel Machine Learning	Supreet Ganguly, Sanjana Agarwal
03.45 -4.00pm	ICSES-468	The Future of Blockchain Technology and the Internet of Things in Healthcare	Dr. Niti Saxena, Mr. Dhruva Sreenivasa Chakravarthi, Dr. A. Narasima Venkatesh, Dr. Nupur Soni, Shashi Kant
04.00 -4.15pm	ICSES-556	A Novel Approach for Predicting wide range of traffic congestion using deep learning Technique	Dr.A.N. GNANA JEEVAN, Ms. K.Keerthika, Dr. SANKARA RAO TERLI, Naitik ST, Dr. K.G.S. Venkatesan, Dr.G.Manikandan
04.15 -4.30pm	ICSES-653	Diabetic Retinopathy Detection Using Retinal Fundus Picture And Image Enhancement Using Fuzzy Clustering	Rupashini P R, Finney Daniel Shadrach, Anitha R, Poonkodi R, Esther Mary J, R Nirmalan
04.30 -4.45pm	ICSES-643	Prediction of Chronic kidney cancer using RBF support vector machine compared with Random forest for better accuracy	M.Pavithra,Dr.B.T.Geetha

Session:Artificial Intelligence and Machine Learning (Track-15)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair :

Dr.P. Vijayakumari, Associate Professor, Department of Electronics and Communication Engineering, Saveetha School of Engineering, SIMATS.

Dr. M. Tamil Selvi, Assistant Professor, TS Srinivasan Centre for Polytechnic and Advanced Training, Chennai.

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-613	BRAIN TUMOR DETECTION AND CLASSIFICATION USING CLUSTERING AND COMPARISON WITH FCM	Sangeeta, Dr. Nagendra. H
03.00 -3.15pm	ICSES-598	HYBRID SOLAR ENERGY FORECASTING WITH SUPERVISED DEEP LEARNING IN IOT ENVIRONMENT	Dr.Sultanuddin SJ, Suganya A, Dr.Mohammed Ahmed, Dr.V.Shanmugasundaram, Dr Priyabrata Adhikary, Dr. SAJITH.S
03.15 -3.30pm	ICSES-555	Machine Learning and Deep Transfer Learning approaches were used to create a Face Mask Identification model for COVID- 19	Dr.B. Srinivasa Rao , Aarthi D, Dr.Revathi.R, Shanti Verma, Praful V. Nandankar, Radhakrishnan P
03.30 -3.45pm	ICSES-558	MOBILE EDGE COMPUTING 5G WITH DISTRIBUTED BLOCKCHAIN MULTI-DOMAIN COLLABORATIVE IN IOT ENVIRONMENT	Dr. Manojkumar S B, Mohan kumar K , Nischitha S, Sheela S k, Divyashree R.H, Srividya C N
03.45 -4.00pm	ICSES-519	PERFORMANCE ANALYSIS FOR CLOUD- BASED OLAP OVER BIG DATA	Dr.S.Jagan, Pavan Mishra, Anjaneya Krishna Turai, Nithesh Derin Joan, Nandula Anuradha, Dr. Durgaprasad Gangodkar, Dr. Yusuf Perwej
04.00 -4.15pm	ICSES-466	Sustainability Criteria for Digital Dual Systems and Meta-Systematic Appraisal	L. M. I. Leo Joseph, Tarun Kumar, Dr. Kamal Gulati, Dr. Narinder Kumar Bhasin, Dr. Deepak Chaha, Dr. Lalzo S. Thangjom
04.15 -4.30pm	ICSES-645	Load Control using Temperature and Humidity Sensor and Comparing Temperature with Microcontroller Device	S.charan,G.uganya
04.30 -4.45pm	ICSES-647	Design of Coplanar WaveGuide Triple-band Bandpass Filter For Minimising the Return loss on X-band Application in Comparison with the Microstrip Triple Bandpass	G.Charanteja,G Ramkumar

Session:Innovative Computing (Track-16)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair :

Dr. Illavarason P, Professor, Periyar Maniammai University, Thanavur.

Dr. S. Diwakaran,Associate Professor, Department of Electronics and Communication Engineering, Kalasalingam Academy of Research and Education.

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-217	An Optimized Soft Computing Model using Neural Network with ANT Colony Optimization Algorithm for Retinal Image Segmentation	Rajesh Doss
03.00 -3.15pm	ICSES-218	Class Based Ensemble Similarity Measure Based Efficient Classification of Medical Data	Ananthajothi K, Vijayakumar M, Gokulkannan K, Sangeetha S K B
03.15 -3.30pm	ICSES-232	Social Network Analysis System for Guiding Medically Underserved groups	Mohamedlqbal M, Ananthajothi K, Moorthy A, Vijayakumar M
03.30 -3.45pm	ICSES-235	Comparison of Football Results Using Machine Learning Algorithms	J.Dafni Rose, M.K.Vijaykumar, U.Sakthi,Dr .P. Nithya
03.45 -4.00pm	ICSES-517	An Innovative Machine Learning Optimization Algorithm for Feature Selection	V. Priyalakshmi, Dr. R. Devi
04.00 -4.15pm	ICSES-557	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IN HUMAN RESOURCE MANAGEMENT FOR SALES RESEARCH PERSPECTIVE	Dr.B. Srinivasa Rao, Ms. NIRMAL KAUR, Dr. Jitendra Singh, Dr. Nikhat Akhtar, Dr. SAURABH SHARMA, Dr. UMESH SEHGAL
04.15 -4.30pm	ICSES-648	Energy Efficient Street Light Controlling System on Detecting Vehicle Movement using Arduino Microcontroller in Comparison with 8051 Microcontroller	G Chandra sekhar,Dr. Vijayalakshmi
04.30 -4.45pm	ICSES-654	DBN with a Developed Version of Thermal Exchange Optimization (TEO) Model for Skin Cancer Detection and Classification	VS Nivedita, Finney Daniel Shadrach, A Obulesh, Minu Balakrishnan, Loyola Jasmine J, R Cristin

Session: Innovative Computing (Track-17)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair :

Dr.P. Kalyanasundaram, Professor, Department of Electronics and Communication Engineering, Saveetha School of Engineering, SIMATS, Chennai.
Dr. C. N. Ravi, Professor, Vidya Jyothi Institute Technology (Autonomous), Aziz Nagar Gate, C.B. Post, Hyderabad – 75.

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES-651	Improving Performance Analysis in Classification with Accuracy of Adult Income Salary using Novel Gated Residual Neural Network in Comparison with Logistic Regression Algorithm	Bhuvana Chandra.M,N.DEEPA
03.00 -3.15pm	ICSES-652	Directivity improvement of PIFA antenna at 2.7GHz by FR4 Substrate using a combination of Shorting pin and Feeding pin	Degala Joshna,chanthirasekaran. K
03.15 -3.30pm	ICSES-656	A binary Bird Swarm Optimization technique for cloud computing task scheduling and load balancing	Magesh Kumar B, Finney Daniel Shadrach, Poonkodi R, M Sathish Kumar, Subba Rao Polamuri, Vasudeva Naidu Pudi
03.30 -3.45pm	ICSES-658	A Comparative Study on Sign Language Recognition Methods	Sarthak Dalal, Rohan Kacheria, V Venkataramanan
03.45 -4.00pm	ICSES-659	Security Management in Optical Fiber	ha Shah, Pariv Doshi, Riyanshi Shah, Shailee Gala, V Venkataramanan
04.00 -4.15pm	ICSES-660	IOT based Smart solution for Traffic congestion at Metro Cities	Dr.T.V.Janardhana Rao, Dr.B.Drakshyani, Dr.N.Kumareshan, R. Arun Sekar, P Kalyan Chakravarthi, S.P.Karthi
04.15 -4.30pm	ICSES-240	An Efficient Method for Secured Data Communication using Chaos Encryption Algorithm	V. Nanammal, Dr. J. Venugopalakrishnan
04.30 -4.45pm	ICSES-714	A study of job satisfaction of employees in Peru technologies	S. Kanaga Lakshmi R. Solomon Sibi

Session : Innovative Computing (Track-18)

Date:16.07.2022

Time: 2.45 pm to 4.45pm

Session Chair :

Dr.P. Srithar, Professor, Department of Computer Applications, Periyar Maniammai University, Thanjavur. **Dr. Micheal Mahesh,** AssociateProfessor, St. Joseph's College of Engineering, Chennai.

ZoomLink: https://rb.gy/nuh2zo

Time	Paper ID	Paper Title	Authors
02.45 -3.00pm	ICSES- 079	Smart Online Oxygen Supply Management though Internet of Things (IoT)	Anita Gehlot, Lakshmikanth Rajat Mohan, Joel Alanya- Beltran
03.00 -3.15pm	ICSES- 233	Exploring Exoplanets using kNN, Logistic Regression and Decision Trees	J Godwin Ponsam, Aahish Nagesh Herur, Raquib Tajmohamed
03.15 -3.30pm	ICSES- 640	Design and Implementation Of Flexile Solar Panel For Electric Vehicles	K.A.Indu Sailaja, V.M.Varatharaju, Kavitha Muthukrishnan, N.V.Ravindhar, L.Manoharan, S.Gomathi
03.30 -3.45pm	ICSES- 335	An Exploration of Intelligent Deep Learning Models for Fine Grained Aspect-Based Opinion Mining	R. Nareshkumar , K. Nimala
03.45 -4.00pm	ICSES- 019	DTKFA: Limiting the amount of needless file transfers by predicting the data gathering requirements of sensor nodes	V. Amudha, S. Jaanaa Rubavathy, G R Suresh, C. Senthilkumar, P. Shyamala Bharath
04.00 -4.15pm	ICSES-010	Strong and stable Data communication Using Artificial Intelligence method in Mobile Ad-Hoc Networks	G. Ramkumar, Anitha G, R. Thandaiah Prabu, P. Nirmala, G. Ramya
04.15 -4.30pm	ICSES-334	Collaborative Product Recommendation System for E-commerce Websites	S.Ganesh Sundaram, P.Saravanan ,A. Ponmalar, M.Gnana Prakash, Jose Anand A

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