

Invitation



You Choose, We Do It

St. JOSEPH'S COLLEGE OF ENGINEERING
(An Autonomous Institution)
OMR, Chennai - 119.



*The Management, the Principal, Staff and Students
Cordially invite you to the*

**First International Conference on
FRONTIER TECHNOLOGIES AND SOLUTIONS**

ICFTS 2025

on

27th & 28th March, 2025

**Venue : AV Hall,
Library Block**

Technical Sponsor



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ICFTS 2025

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Dr. Jayarama Pradeep, M.E., Ph.D.

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Lt. R. Sreekanth, M.E., (Ph.D.)

Asst. Professor, Dept. of EEE, St. Joseph's College of Engineering

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Dr. V. Chamundeeswari, M.E., Ph.D. Asso. Prof., St. Joseph's College of Engineering

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Dr. S. Sridharan, M.E., Ph.D. Asso. Prof., St. Joseph's College of Engineering

Dr. A. Jamna, M.E., Ph.D. Asst. Prof., St. Joseph's College of Engineering

Dr. C. Venkatesh Kumar, M.E., Ph.D. Asst. Prof., St. Joseph's College of Engineering

Mr. N. Jeyaprakash, M.E., (Ph.D.) Asst. Prof., St. Joseph's College of Engineering

First International Conference on
Frontier Technologies and Solutions
27th & 28th March, 2025



Day 1

27th March 2025

PROGRAMME SCHEDULE

08.30 a.m. - 09.00 a.m.

REGISTRATION

09.00 a.m. - 09.05 a.m.

PRAYER SONG

09.05 a.m. - 09.10 a.m.

WELCOME ADDRESS

Dr. V. Chamundeeswari, M.E., Ph.D.

Associate Professor, St. Joseph's College of Engg.

09.10 a.m. - 09.15 a.m.

CONFERENCE REPORT

Lt. R. Sreekanth, M.E., (Ph.D.)

Assistant Professor, St. Joseph's College of Engg.

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. Norul Ashikin Binti Norzain, M.E., Ph.D.

Professor, Faculty of Engg, Built Environment & Information Tech.
Mahsa University, Malaysia

Dr. Hanisah Binti Mohd Zali, M.E., Ph.D.

Professor, Faculty of Engg, Built Environment & Information Tech.
Mahsa University, Malaysia

Dr. K. Porkumaran, M.E., Ph.D.

Principal & Sr. Prof., Sri Krishna College of Engg.&Tech. Coimbatore

Dr. Nagarajan Velmurugan, M.E, Ph.D.

Professor, Dept. of EEE, Pondicherry University

09.40 a.m. - 09.45 a.m.

VOTE OF THANKS

Dr. A. Jamna, M.E., Ph.D.

Assistant Professor, St. Joseph's College of Engg.

09.45 a.m. - 10.00 a.m.

TEA BREAK

10.00 a.m. - 10.45 a.m.

INVITED TALK 1

10.45 a.m. - 11.30 a.m.

INVITED TALK 2

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

02.45 p.m. - 04.45 p.m.

TECHNICAL TALK 2

04.45 p.m. - 05.00 p.m.

TEA BREAK



ICFTS 2025

First International Conference on
Frontier Technologies and Solutions
27th & 28th March, 2025



Day 2

28th March 2025

PROGRAMME SCHEDULE

08.45 a.m. - 09.15 a.m.

REGISTRATION

09.15 a.m. - 10.15 a.m.

INVITED TALK 4

10.15 a.m. - 10.30 a.m.

TEA BREAK

10.30 a.m. - 11.30 a.m.

INVITED TALK 5

11.30 a.m. - 01.30 p.m.

TECHNICAL TRACK 3

01.30 p.m. - 02.00 p.m.

LUNCH BREAK

02.00 p.m. - 02.45 p.m.

INVITED TALK 6

02.45 p.m. - 04.45 p.m.

TECHNICAL TRACK 4

04.45 p.m. - 05.00 p.m.

VALEDICTORY FUNCTION

Dr. Norul Ashikin Binti Norzain, M.E., Ph.D.

Professor, Faculty of Engg, Built Environment & Information Tech.
Mahsa University, Malaysia

Dr. Hanisah Binti Mohd Zali, M.E., Ph.D.

Professor, Faculty of Engg, Built Environment & Information Tech.
Mahsa University, Malaysia

Dr. K. Porkumaran, M.E., Ph.D.

Principal & Senior Professor
Sri Krishna College of Engg. & Tech. Coimbatore

05.00 p.m. - 05.15 p.m.

TEA BREAK

ICFTS 2025



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OMR, Chennai - 119.



ICFTS 2025

Invited Speakers



Dr. Norul Ashikin Binti Norzain

Professor, Faculty of Engineering,
Built Environment & Information Technology,
Mahsa University, Malaysia



Dr. Hanisah Binti Mohd Zali

Professor, Faculty of Engineering,
Built Environment & Information Technology,
Mahsa University, Malaysia



Dr. Svetlana Sushkova

Professor,
Academy of Biology and Biotechnology,
Southern Federal University, Russia



Dr. Mahesh Kumar

Professor, Dept. of EEE,
Indian Institute of Technology,
Madras, Tamil Nadu, India.



Dr. K. Porkumaran

Principal and Senior Professor,
Sri Krishna College of Engineering
Coimbatore, Tamil Nadu, India.



Dr. Nagarajan Velmurugan

Professor, Dept. of EEE,
Pondicherry University
Pondicherry, India.

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:11.30 am to1.30 pm

Session Chair :

Dr. Harikrishnan R, Professor, Symbiosis Institute of Technology, Pune Campus, Symbiosis International (Deemed University), Pune - 412115, India.

Dr. M. Tamilselvi, Professor, Department of ECE, Saveetha School of Engineering, SIMATS Chennai, Tamilnadu.

Room Name : F27R01**ZoomLink: --**<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
11.30 -11.45am	ICFTS -777	House Price Prediction Using Regression in Machine learning	G. Veena Madhuri, A. Ajay Kumar, Md. Asrar Hussain, N S SS Girish Kumar, M. A. Jabbar
11.45- 12.00 pm	ICFTS -691	Early Detection and Classification of Cardiac Ventricular Arrhythmia	Rahema Naaz, Shafeeq Ahmad
12.00 - 12.15 pm	ICFTS -879	A Novel Design of Image based Object Recognition Model using Enhanced Neural Classification Logic	Anvar Shathik J, B Ravi Chandra, M D Nandeesh, T.C.Manjunath, Swathi Pothala, Nageswara Rao Lavuri
12.15 -12.30 pm	ICFTS -880	ENCP: An Effective Development of Breast Cancer Identification Methodology Using Elevated Neural Classification Procedure	M. Gokilavani, RashmiK, Premkumar C D, Bhat GeetalaxmiJairam, T.C. Manjunath, Suneet Kumar
12.30 -12.45 pm	ICFTS -877	A Superficial Learning Approach to Detect Criminal Activities in Roadsides using Hybrid Deep Learning Mechanism	Dr. Dileepkumar Padidem, Anil Bellapu, Anil Bell, Dr. S. Thulasee Krishna, Dr. Bhuvaneshwari Jolad, Dr. G. N. R. Prasad
12.45 -01.00 pm	ICFTS -878	CloudVisionOptimizer Framework Using Deep Learning for Efficient Resource Management in Distributed Cloud Environments	Dr. Ujwala SureshraoJunghare, Mr. Yogesh Vasantrao Hushare, Dr. Suhasini Vijaykumar Kottur, Dr. Neeraj Gupta, Dr. T.C. Manjunath , Suneet Kumar
01.00 -1.15pm	ICFTS -884	Energy-Grid-Optimizer Model Utilizing EfficientNet-Inception Framework for Smart Energy Systems and Grid Optimization	Aarthi D, P V Narendra Kumar, Pallavikumari Keshavbhai Gamit, Santosh Shivilal Dhamone, P.Nagasekhara Reddy, Nageswara Rao Lavuri
01.15 –1.30 pm	ICFTS -882	TICU-net: MediCareVision Framework for Disease Diagnosis Using Cascaded U-net and Transformers Deep Learning Models	Anvar Shathik J , Prasanna B T, Daniel Francis Selvaraj Jayapalan, Rekha. K. S, Akella Subhadra, Suneet Kumar

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:11.30 am to 1.30 pm

Session Chair :

Dr M.SWARNA, Associate Professor, Department of ECE, Dr. M.G.R. Educational And Research Institute university, Chennai

Dr ANITHA. G, Associate Professor, Department of ECE, Saveetha School of Engineering, SIMATS, Chennai, Tamilnadu.

Room Name:F27R02**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
11.30 -11.45 am	ICFTS-051	PerfBoost-Net: A ResNet-Capsule Framework for Analyzing the Impact of AI Tools on Construction Workforce Productivity and Satisfaction	K Kiruthiga, K Vijaya Bhaskar Raju, R Venkatakrishnaiah
11.45- 12.00 pm	ICFTS-053	SatisStruct-Net: A Deep Learning-Based Framework for Evaluating Job Satisfaction and Performance in the Digital Transformation of Construction	K Kiruthiga, K Vijaya Bhaskar Raju, R Venkatakrishnaiah
12.00 - 12.15 pm	ICFTS-621	Predictive Modeling Using Glacier Volume and Depth Estimations with Advanced Statistical and Deep Learning Techniques	Divya Sumithra Madiri,M. Sobhana
12.15 -12.30 pm	ICFTS-653	Smart Parking System For Educational Organization	Ayush Shah, MD Abdur Rahim Shezan, Sandeep Kumar Dash, B Nageswara Rao
12.30 -12.45 pm	ICFTS-302	Ai-Driven Analysis OfUv-Induced Dna Damage And Melanoma Risk Assessment	Akash Vira, Dhanush, Sriram
12.45 -01.00 pm	ICFTS-770	Performance Analysis of Circle Search Algorithm-Based MPPT for Solar in Fuzzy Controlled Distributed Voltage Regulation of a Remote Microgrid	Jeganthan R, Gopi Krishna C , Umesh Prabhu H
01.00 -01.15 pm	ICFTS-920	Automated Multiclass Fracture Detection and Classification Using YOLO: Advancing Real-Time Diagnostic Accuracy	Praghaadeesh R, Bharathi Mohan G, Gayathri M
01.15 – 1.30 pm	ICFTS-301	Drone base system for management of electrical infrastructure damage in disaster areas	G.Nithish Surya Varma ,M.Akhil, S.Radhika

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:11.30 am to 1.15 pm

Session Chair :

Dr S.KRISHNA VENI, Associate Professor, Department of ECE, Dr. M.G.R. Educational And Research Institute university, Chennai

Dr G. RAMYA, Professor, Department of Computing Technologies, School of Computing, SRM Institute of Science and Technology, Kattangulathur, Chennai, Tamilnadu.

Room Name:F27R03**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
11.30 - 11.45 am	ICFTS-267	Efficient Stable Cluster Management Model for NDN Heterogeneous Vehicular Ad hoc Networks	Chakravarthi Bachina, SK.SHEEMA, Bilal Al-Nassar, Ashvin B Amale
11.45- 12.00 pm	ICFTS-268	Intelligent Emergency Communications Using Efficient Clustering based Routing Strategy in Unmanned Aerial Vehicle Networks	K.Nagamani, PRAVEENA.M, Aba sulimanhussein, Rakesh Adakane
12.00 - 12.15 pm	ICFTS-270	Improved Urban AODV Routing with Distributed semi-clustering protocol for Vehicular Adhoc Network	Ch.Bhanu, M.SENTHIL, Aba sulimanhussein, Alok Narkhede
12.15 - 12.30 pm	ICFTS--273	Enhance Path Selection with Multi Hop Data Dissemination to Achieve High Quality-of-Service in Vehicular Communication	Y Shasikala, V. Chinnammal, Maria Rubiston. M, S. Ravi, Imad shalout, Prashant D. Kamble
12.30 - 12.45 pm	ICFTS-275	A Robust and Efficient Private Server Creation in UBUNTU Environment	K.Gowsic, R.Ramya, M.R.Saranya, S.Sathasri, T.Srigeetha
12.45 - 01.00 pm	ICFTS-277	Cost-Efficient Self-controlled Automated Home Management System in the IoT context	Rubesh Kumar.T, S. Ravi, R. Sankar, J.Sivakumar, Hani Attar, Shilpa Bhimrao Sahare
01.00 - 01.15 pm	ICFTS-064	DelamPredict-X: An Ensemble Learning-Based Approach for Evaluating Delamination in Jute Fiber Reinforced Materials	Karthikeyan R and Madhu S

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:02.45 pm to 04.30pm

Session Chair :

Dr.P.Srideviponmalar, Associate Professor, School of Computing, SRM Institute of Science and Technology, Kattankulathur, Chennai.

Dr. Krishnakumar V, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name:A27R01**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
02.45 - 03.00 pm	ICFTS-058	SustainWise: A Cross-Cultural Artificial Intelligence Model for Predicting Eco-Conscious Consumer Behavior in UAE Hospitality	Sarwat Jahan, Tajwar Hussaini, Syed Waqar Haider, Amit Verma, Afseer Majeed, Sidra Abid
03.00 - 03.15 pm	ICFTS-061	Experimentally Evaluate the Social Media Utility based Purchase Power Parity (PPP) using Artificial Intelligence (AI) Powered FinTech assisted Analytical Framework for Consumer Financial Insights	Valliappan Raju
03.15 - 03.30 pm	ICFTS-063	A Logical Evaluation of Exploiting Financial Scope Assessment based on Social Media Analytics using Deep Learning assisted FinTech Framework for Digital Financial Profiling	Valliappan Raju
03.30 - 03.45 pm	ICFTS-102	A Leveraging Artificial Intelligence (AI) Powered Human Resource Management Strategy with Elevated Performance Metrics to Improve Talent Acquisition and Employee Engagement	Liu Chao, Zhang Jiyu, Zhang Yi, Chin Yuk Fong
03.45 - 04.00 pm	ICFTS-107	An Intelligent Decision Support Framework for Malaysian Homicide Investigations Using the DeepConv-LSTM Model	Amuthavalli, Valliappan Raju
04.00 - 04.15 pm	ICFTS-112	AI-Based Adaptive Learning Framework for Enhancing Educational Management in Malaysia Using the EduAdaptNet Model	Lee Desmond Cheng En, Jiang Peng, Zhao Jingjing, Tam Cheung Chung
04.15 - 04.30 pm	ICFTS-117	Experimentally Evaluate the Talent Management based on Electronic Human Resources in Saudi SMEs to Enhance Digital Skill Proficiency using Artificial Intelligence	Al-Tayyar Raed Saud D

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr. S Lalitha, Associate Professor, CSE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai.

Dr. A. Jamna, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name:A27R02**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
02.45 - 03.00 pm	ICFTS-152	A Computing Assisted Test Method in Healthcare Industry using Artificial Intelligence	Dr. K. K. Karthick, Dr. V. Ganesan, Dr. R. Sivakumar, M. Sivaraman, Dr. Arul Kumar Natarajan, A. Srimathi Shahina
03.00 - 03.15 pm	ICFTS-156	miRNA-32 and Hippo Signaling in Cancer Stemness: Integrated Insights from Machine Learning and Bioinformatics	Radha Kodiappan, Manpreet Kaur Gurudev Singh, DheveenaLekshme Manokaran, Leong Wye Hong, Nur Atiqah Azhar, Wendy Wai Yeng Yeo
03.15 - 03.30 pm	ICFTS-330	Chatbots and Customer Service: Exploring the Impact of AI on Customer Satisfaction and Brand Loyalty	Dr.Ram Kumar Dwivedi, Dr.Yogesh Kumar
03.30 - 03.45 pm	ICFTS-340	AI-Powered Predictive Analytics in Financial Forecasting: Implications for Real-Time Reporting Adoption	Zaid Ali Obaid, Ameer Saheb Shaker
03.45 - 04.00 pm	ICFTS-400	Impact of AI on Auditing: Transforming Assurance Services in the Digital Age	Anmar Noori Dawood, Akeel Almagtome
04.00 - 04.15 pm	ICFTS-425	Hybrid Wind Solar Energy System Optimization	Srinivasa Acharya, Menda Sai Prasad, B. Srikanth, D. Vijaya Kumar, Kalyana Kiran Kumar
04.15 - 04.30 pm	ICFTS-475	Building a Single-Phase Grid-Tied Inverter with Maximum Power Point Tracking (MPPT)	Tarra Ramjee, Kalyana Kiran Kumar, Sri Challa Krishna Rao
04.30 - 04.45 pm	ICFTS-501	Ai-Driven Business Transformation: Leveraging Machine Learning For Enhanced Decision-Making	Dr. Jairaj J Sasane, Dr. Arvind L Burande, Sanket Charkha, Dhanajay M Jadhav, Dr. Vijay Dhole

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr.Amirthalakshmi.T.M, Associate Professor, CSE, SRM Institute of Science and Technology, Ramapuram Campus, Chennai, Tamilnadu.

Dr N. Nalini, Professor, Department of ECE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai

Room Name:A27R03**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
02.45 -03.00 pm	ICFTS-054	Enhancing Teleoperation of Mining Vehicles: Design and Implementation of a Robust User Interface for Improved System Performance	Gomathi T, Aranganathan A, Sivasundarapandian S, Vedanarayanan V, Sakthi Prabha R, Jerrin simla A
03.00 -03.15 pm	ICFTS-056	Revolutionizing Military Operational Awareness and Intelligence Gathering through the Integration of Advanced Internet of Things (IoT) Technologies	Sakthi Prabha R, Jerrin simla A, Gomathi T, Aranganathan A, Sivasundarapandian S, Vedanarayanan V
03.15 -03.30 pm	ICFTS-057	HCNCS: An IoT based Logical Real-Time Weather Data Analysis to Predict Air Quality by using Hybrid Convolutional Neural Classification Scheme	D.Menaka, K.S.Subhashini, S.Kalyani, L.Anju, M.K.Varadarajan
03.30 -03.45 pm	ICFTS-059	An Improved Design of Wearable Sensors assisted Personal Health Monitoring Device based on IoT Technology	P. Prince, C. Rajabhushanam
03.45 -04.00 pm	ICFTS-060	Intelligent LoRa Powdered Patient Monitoring Approach based on Internet of Things Technology	P. Prince, C. Rajabhushanam
04.00 -04.15 pm	ICFTS-062	Efficient FPGA Implementation of a High-Performance, Low-Complexity LDPC Decoder for Next-Gen Communication Systems	M.Paramaiyappan, S.Palanivel Rajan
04.15 -04.30 pm	ICFTS-065	Advanced CNN-LSTM Edge-computing in Epilepsy Wearables for Real-time Seizure Detection and Extended Battery Life	S.Sridevi, P.Sivasankar Rajamani, P.Loguprasath, D. Pravin, V.Srinivasan, N.Tharun
04.30 - 04.45 pm	ICFTS-101	Optimizing Medical Imaging for Early Kidney Stone Detection using Deep Learning with Comparative Analysis of Model Performance and Diagnostic Accuracy	P. Mahendran, K. Karuppanasamy, Ameer Sheriff R, Santhosh J, Srikanth E M, Thiyaavigneshwaran G

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr P Kalyanasundaram, Professor, Department of Information Technology, KSR Institute for Engineering and Technology.

Dr.R. Nithya Paranthaman, Professor, Dept. of Networking and Communication, School of Computing, College of Engineering & Technology, SRM Institute of Science and Technology, Kattankulathur.

Room Name: A27R04**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
02.45 - 03.00 pm	ICFTS-103	Optimized VLSI Architecture of Integrated Bi-Phase Space Encoding with Manchester Encoding Protocol for Lo-RA Applications	C. Nithiya, M. Jasmin, M.Sneha, Attar Fazooq Hussain, N.Nalini, B. Thiyaneswaran
03.00 - 03.15 pm	ICFTS-105	An Intelligent Knee Osteoarthritis Disease Prediction using Hybrid Deep Learning with Classification Principles	Sangamithrai K, K.Surendra Reddy, Imad shalout, CH.Deepthi, Jayant Giri
03.15 - 03.30 pm	ICFTS-106	Energy-Efficient PPG Processor Design for Reliable Estimation of Heart Rate and Biometric Authentication.	Kolamala Sumathi, D.Suganya, Maruturi Haribabu, Imad Shalout, Giri Jayant
03.30 - 03.45 pm	ICFTS-108	Intelligence MAC Model with Efficient Collaborative Lifetime Improvement Model for Vehicular Ad-Hoc Network	Samuthira Prathima, V.RAMYA, Imad shalout, B. Venkata Prasanth, Giri Jayant
03.45 - 04.00 pm	ICFTS-109	Development of an Image Processing based Student Engagement Prediction in Online Classes by using Deep Learning Strategy	Parabathini Bulah Pushpa Rani, I.Rajesh, I.Saidulu, Ala H. Jaber, R Chadge
04.00 - 04.15 pm	ICFTS-111	Improved Routing Model with Traffic Accident Prediction using Machine Learning in Vehicular Communication	D.Divya Kalpana, Ala H. Jaber, SK.Anjaneyulu Babu, Rajkumar Chadge
04.15 - 04.30 pm	ICFTS-113	Empirical Evaluation of Learning assisted Vitamin Deficiency Detection Methodology using BioMedical Image Processing Logics	P. Adi Lakshmi, Dinesh. D. P, T. Sunitha, Ala H. Jaber, Chadge Rajkumar
04.30 - 04.45 pm	ICFTS-115	Efficient Node Deployment and Optimization for Cognitive Radio based Vehicular Communication	K.B. Jagadish Kumar, G. Vijaya Kumar, Sami Askar, Pallavi Giri

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr. A. Sabarivani, Associate Professor, Sathyabama Institute of Science and Technology, Chennai.

Dr. Srithar, Associate Professor, Periyar Maniammai Institute of Science & Technology, Thanjavur.

Room Name: A27R05**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
02.45 - 03.00 pm	ICFTS -070	Quantum-Resistant Cryptography for Securing Future Cyber Threats	Shantanu Sudhir Gujar
03.00 - 03.15 pm	ICFTS-072	AI in Supply Chain Optimization for E-Commerce	Dr. Sunil Patel, Dr. BhagvanbhaiMadhabhaiKarnavat, Dr.VinitM.Mistri, Dr. Chiragkumar B. Rathod, Dr. Chirag Rasikbhai Patel
03.15 - 03.30 pm	ICFTS-075	Exploring and Validating Key Components Enabling Context-Based Dynamism in Chatbot Architectures	Dr. Kamal Gulati, Professor (Dr.) Bhuvan Unhelkar, Ravish P.Y., Dr. S. Kishore Kumar, Vaibhavi Chavan, HarikumarPallathadka
03.30 - 03.45 pm	ICFTS-077	Analyzing the Influence of ChatGPT and Google BARD AI in Education and Industry: A Comprehensive Assessment	Dr. Ella Gorian, Venkata N Inukollu, Dr. Sagar H Mohite, AshimDatta, Mr V Jagadish Kumar, Swapna Patker
03.45 - 04.00 pm	ICFTS-079	Evaluating cybersecurity compliance through legal jurisprudence: A machine learning approach to predicting court decisions	Annu Khan, Dr. Komal Audichya
04.00 - 04.15 pm	ICFTS-080	Enhancing Cybersecurity with AI: Anomaly Detection in Network Traffic	V. Kavitha, S. Malathi, Vishnu Priya P M, Saranya Ekambaram, B. Charith, M. Deivakani
04.15 - 04.30 pm	ICFTS-121	Big Data Analytics in IoT Ecosystems	B. Rex Cyril, P. Ramesh, M. Anjankumar,V. Sathiya, Kalai Priya V, Ashok Kumar
04.30 - 04.45 pm	ICFTS-123	Machine Learning for Energy Consumption Prediction in Smart Homes	Anurag Vijay Agrawal, Chandrasekharan Dinesh, Nagella Venkata Ramana, V. T. Vithya, Updesh Pandey, Theresa Cenate C F

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr. Maheshwari A, Associate professor, Department of Computational Intelligence, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Chennai.

Mr. Umesh Prabhu H, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name: A27R06**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
02.45 - 03.00 pm	ICFTS-575	The Role of Machine Learning in Revolutionizing Business Automation and Efficiency	Dr. Gajendra Kumar Gupta, Dr. Vivek Kumar Mishra, Dr. Mohd. Salahuddin Ansari, Dr. Sameer Rastogi, Dr. Neha Singh, Mithilesh Kumar Tyagi
03.00 - 03.15 pm	ICFTS-650	Optimizing Supply Chain Management with Machine Learning Algorithms	Mr. Khanidh V. Vernekar, Dr. Amit Aggrawal, Mr. Sagar Pawar
03.15 - 03.30 pm	ICFTS-701	Analyzing The Impact of Big Data on Curriculum Design and Student Performance in Secondary Education	Dr. Yousef Jaber Jamel Alawneh, Dr. Abdel Khaleq Issa
03.30 - 03.45 pm	ICFTS-811	Machine Learning Models for Identifying at-Risk Students: Applications and Challenges in Higher Education	Guli Toirova, Mavluda Fayziyeva, Tursunay Yusupova, Alijon Kosimov, Kazbek Topvoldiev, Dilshod Turdaliev
03.45 - 04.00 pm	ICFTS-871	Deep Learning In Radiology: Challenges and Opportunities for Improved Diagnosis	Farida Rasuli
04.00 - 04.15 pm	ICFTS-711	AI-Assisted Theorem Discovery: Revolutionizing Mathematical Exploration	Yuli BangunNursanti, Imam Sujadi, Ira Kurniawati, Arum Nur Wulandari, Riki Andriatna
04.15 - 04.30 pm	ICFTS-660	5G and Beyond: Evolution of Wireless Communication Technologies	Issam Trrad
04.30 - 04.45 pm	ICFTS-585	Tokenizing Literary Assets: Blockchain Applications in Intellectual Property Management	Kundharu Saddhono, Andri Pitoyo, Nada Afra, R. Kunjana Rahardi, Ida Yeni Rahmawati, Nur Agus Salim

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr.Sumathy G, Associate Professor,Department of Computational Intelligence,Faculty of Engineering and Technology,SRM Institute of Science and Technology, Chennai.

Dr. Sridharan S, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name: A27R07**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
02.45 - 03.00 pm	ICFTS-510	THE MACHINE AS AUTHOR: EXAMINING AI'S CONTRIBUTION TO NEW LITERARY GENRES	Ani Rakhmawati, KundharuSaddhono, Maryelliwati, R. Kunjana Rahardi, Sultan, Andri Pitoyo
03.00 - 03.15 pm	ICFTS-485	THE LITERARY CYBORG: EXPLORING HUMAN-MACHINE RELATIONSHIPS IN LITERATURE	Muhammad Rohmadi, Kundharu Saddhono, R. Kunjana Rahardi, Andri Pitoyo, Wahyudi Rahmat, Ade Mulyanah
03.15 - 03.30 pm	ICFTS-435	AI AND ML IN GENOMIC RESEARCH: UNLOCKING THE POTENTIAL OF PRECISION MEDICINE	Otamurod Muminov, Sherzod Muradov, DavlatshokhNumonov, Elnara Ibragimova, Azamat Norjigitov, Dilshod Yusupov
03.30 - 03.45 pm	ICFTS-401	Deep Reinforcement Learning for Dynamic Compliance Management in Blockchain Supply Chains: A CNN Perspective	Hussein Ahmed Dheya, Alaa Bakir Raheem, Adalet Mahammad Tofiq, Azad Salh Nader, Mohammed Salim, Imad al-Din Hussein al-Saidi
03.45 - 04.00 pm	ICFTS-342	ARTIFICIAL INTELLIGENCE IN SUSTAINABLE INVESTMENT: A NEW FRONTIER FOR HIGH-NET-WORTH INVESTORS	Sweta, Dr. Ajay Pratap Yadav
04.00 - 04.15 pm	ICFTS-976	LEVERAGING MACHINE LEARNING TO PERSONALIZE LEARNING AND REDUCE CLOSE BOOK EXAMINATION STRESS	Mr. Amit Dimari, Dr. Nidhi Tyagi, ZarnigorSohibova, Nargiza Mirzaeva, Naresh Kumar Sripada, Mohit Sharma
04.15 - 04.30 pm	ICFTS-954	An AI-Driven Intelligent Threat-Responsive Shard Management System ITRSMS for Adaptive Cloud Security	Prakask and Dr. Anitha Gnanaselvi
04.30 - 04.45 pm	ICFTS-271	Leveraging Hybrid Resnet-Gru Model to Analyze the Impact of Personal Interests and Family Influence on Career Path Decisions through Professional Identity	Dong Xinxin, Azadeh Amoozegar, Pee Wen Hui

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :**Dr.M.Ayyadurai**, Associate Professor, Rajalakshmi Engineering College, Chennai.**Mohammad Faseehuddin**, Professor, Thapar Institute of Engineering and Technology, Punjab.**Room Name:** F28R01**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
11.30 - 11.45 am	ICFTS-883	Secure-AI-Shield Model Leveraging Advanced Transformer Networks for Enhancing Cybersecurity in Blockchain Applications	Akshay Dilip Lahe,B.Saravanan,Ambrish Kumar Sharma, J. Anvar Shathik, Rashmi K, Santosh Shivalal Dhamone
11.45 - 12.00 pm	ICFTS-805	Deep Learning-Driven Preference Models for Biomedical Image Retrieval Systems	Linges. M, N. Shanmugapriya, Sakthikumarasamy. R, Roshan Devassy. T. P
12.00 - 12.15 pm	ICFTS-853	Vehicular Cloud Computing for Enhanced Data Management in Intelligent Transportation	Santhiya A, S. Sujiya, Soundharyagowri S, Akshaya Salu
12.15 - 12.30 pm	ICFTS-617	Cryptography and Steganography for Data Hiding in Images: A Novel Architecture and Implementation	Satya Phani Krishna Sastry Jonnalagadda, Shanmukhi Achanta, Sai Praneeth Arava, Venkata Ganesh Avvaru, Siva Satya Sreedhar P
12.30 - 12.45 pm	ICFTS-774	Intelligent Traffic Signal Optimization and Vehicle Counting using Canny Edge Detection and YOLOv8 Model	Manoranjitham R, Vimalraj B G
12.45 - 01.00 pm	ICFTS-622	Weapon Detection using Region-based Convolutional Neural Network (RCNN)	JyothirmayiDesu, Venkata Abhishek Chigulla, Karthik Sai Chittibomma, Mounika Ayinapuru, Siva Satya Sreedhar P
01.00 - 01.15 pm	ICFTS-397	Improving Classifier Performance on Imbalanced Software Defect Datasets Using Resampling Techniques	Nandeesh Talari, Ashu Mehta
01.15 - 01.30 pm	ICFTS-272	The Dual Impact of Hybrid Deep Learning Models: Exploring The Role of Stara Awareness in Mediating Employee Innovation in AI-Integrated Workplaces	Ma XinChen

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr.V. Jeyalakshmi, Professor, Department of Electrical and Electronics Engineering

J.P. College of Engineering, Tenkasi.

Dr. Keerthika.A, Professor, Department of ECE, Aarupadai Veedu Institute of Technology, Chennai.

Room Name: F28R02**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
11.30 - 11.45 am	ICFTS-118	NGOCL: A Robust Methodology to Identify Bird Species based on Neural Gradient Optimization and Classification Logic	S. Kannan, Tagore Kumar P, Joel T, Sami Askar, Pallavi Giri
11.45 - 12.00 pm	ICFTS-119	Improved Network Architecture with Efficient Resource Allocation in Vehicular Communication	S. PARVATHI , T Satish, JYOTHI PULIKANTI, Sami Askar, Pallavi Giri
12.00 - 12.15 pm	ICFTS-120	An Intelligent Classification Logic to Differentiate Crops and Weeds based on Learning assisted Image Processing Technique	K. Suresh, Shaik Heena, P. Elayaraja, Ala'a Al-Shaikh, Neeraj Sunheriya
12.15 - 12.30 pm	ICFTS-150	Improved Game Theory-based Scheduling Model for Vehicular Adhoc Network	B.Raja, A Vamsi, Ala'a Al-Shaikh, B.Dharani, Sunheriya N
12.30 - 12.45 pm	ICFTS-153	Experimental Approach to Identify Retinal Diseases based on Local Binary Pattern Screening with Biomedical Image Assesment	D. Prasad, GVSS Siva Kumar, M. Theodore kingslin, Ala'a Al-Shaikh, Neeraj S
12.45 - 01.00 pm	ICFTS-155	Innovative Optimal Path Selection with Street-Centric Routing in Urban Vehicular Ad hoc Networks	M.Anand, P.Venugopal, Dalia Al-Tarazi, Ganesh Kumar M, Rakesh Adakane
01.00 - 01.15 pm	ICFTS-157	A Hierarchical Learning Approach to Detect Aging Faces based on Local Binary Pattern Evaluation and Optimization Logics	B.Vijaya Sekhar, K.V.Ramesh Babu, Joel T, Dalia Al-Tarazi, Alok Narkhede
01.15 - 01.30 pm	ICFTS-274	Utilizing Hybrid Inception-Transformer Model: An Innovative Framework for Exploring University Choice Influences from Social Contributions and Stakeholder Perception	Hao Wenjing, Azadeh Amoozegar, Pee Wen Hui

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr. V. Sujatha, Professor, S.A. Engineering College, Chennai

Dr. G. Uganya, Professor, Department of ECE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai.

Room Name: F28R03**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
11.30 - 11.45 am	ICFTS-159	Energy-Efficient Clustered Data Dissemination based Routing in D2D Collaborative Vehicular Networks	Shital Y. Gaikwad, G. Anjaneyulu, Dalia Al-Tarazi, M. Rama, Vivek M. Korde
11.45 - 12.00 pm	ICFTS-161	Hybrid ACO and PSO Optimization based Routing in Vehicular Networks Using VanetMobiSim and NS2	KST Guru Raj, Syed Shahada, Joel T, Ibrahim Mohammad Ahmad Mansour, Ajay S Bonde
12.00 - 12.15 pm	ICFTS-165	Experimental Analysis of Road Surface Deformation Quantification based on Unmanned Aerial Vehicle Images	Yarlagadda shailaja, Ibrahim Mohammad Ahmad Mansour, D.Sharada Mani, Narendra J Giradkar
12.15 - 12.30 pm	ICFTS-167	A Novel Internet of Things (IoT) enabled Women Safety System Design with Emergency Alert Mechanism	P. Shyamala Bharathi, T.Judgi, D.PradeepArulananth T S, Jayant Giri, Ahmad Abdelhafiz Ali Samhan
12.30 - 12.45 pm	ICFTS-170	Experimental Evaluation of Artificial Intelligence Powered Smart Bus Ticket Generation System	usin P. Shyamala Bharathi, Arulananth T S, D.Pradeep, T.Judgi, Maram Y. Al-Safarini, J Giri
12.45 - 01.00 pm	ICFTS-010	Clustering Approach based Hybrid Optimization Using Grey Wolf and Moth-Flame Optimization (MFO) in Autonomous Electrical Vehicles	S. Niranjana, C.Subathradevi, Karthikumar.S, N.Nalini, A.Jayanthi
01.00 - 01.15 pm	ICFTS-012	An Extensive Approach to Detect Apple Fruit Diseases using Neural Convolutional Learning with Classification Principles	Bhavani. G, D Anu, Ibrahim Mohammad Ahmad Mansour, Sachin Bagde, J.Sivakumar, M.Venkataresh
01.15 - 01.30 pm	ICFTS-276	Artificial Intelligence in Robotics: Revolutionizing Industrial Automation and Beyond	Dr. Chamandeep Kaur, Dr. Awatef Balobaid

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:02.45 pm to 04.30pm

Session Chair :

Dr.S.Lakshmi, Associate Professor, ECE, Thirumalai Engineering College
Kanchipuram.

Dr. M. Sathesh, Professor, Department of ECE, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of
Science and Technology, Chennai.

Room Name:A28R01**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
02.45 - 03.00 pm	ICFTS-013	Memory and power Efficient Multiplier Design using I-ANT Architecture	R Lakshmi, Osama Jamal Jamil Abed Al Jawad, G Siva Prasad, C Ravindra Murthy, Yogesh Y. Nandurkar, N.Pavithra
03.00 - 03.15 pm	ICFTS-014	Design and Implementation of Accident Detection and Ant Optimization in VANETs in Smart Cities	L.Lakshmi Tejaswi, S Selvalakshmi, G.B. Santhi, D.Arulanantham
03.15 - 03.30 pm	ICFTS-017	A Novel Approach to Perform Mouse Operations Virutally by using Intelligent Hand Gesture Recognition Methodology	T. Suneetha, K.M.Rayudu, Osama Jamal Jamil Abed Al Jawad, Manish Dakhore, C Ravindra Murthy, G.Dhanalakshmi
03.30 - 03.45 pm	ICFTS-019	Experimental Analysis of Improved AODV Protocol with Automatic Route Guidance Method in Vehicular Communication	E D Kanmani Ruby , Osama Jamal Jamil Abed Al Jawad, GD Vignesh, Nilesh Gedam, Ganekanti Naresh
03.45 - 04.00 pm	ICFTS-021	Experimental Evaluation of Pancreatic Cancer Identification based on CT Images by using Intelligent Deep Learning Procedure	Ramachandran. R, J. Anvar Shathik, J.Sivakumar, P.Manothini, G. S. Jackulin Asha, M.VenkataNaresh
04.00 - 04.15 pm	ICFTS-022	An Innovative Dynamic Error-Compensation Design for Fixed-Width Square utilizing Improved Booth-Folding Protocol.	K Jaya Krishna, Nidamanuri Srinu, S Selvalakshmi, K.Sujatha, Ganekanti Naresh, G.Dhanalakshmi
04.15 - 04.30 pm	ICFTS-025	Efficient Broadcast Algorithm with Optimal Placement in RFID in Vehicular Adhoc Networks	Jala Prasadarao, G.B. Santhi, N Vijayaraghavan, GD Vignesh ,Sasirekha.D

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:02.45 pm to 04.30pm

Session Chair :

Dr G. RAMKUMAR, Professor, Department of ECE, Saveetha School of Engineering, SIMATS , Chennai, Tamil Nadu.

Dr A MARIYA PRINCY, Professor, Department of ECE, St Joseph University Chennai.

Room Name:A28R02**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
02.45 - 03.00 pm	ICFTS-250	Traffic-Aware Clustering and Optimal CH selection using Lion Optimization in Vehicular Ad Hoc Networks	U.Prasad, CH.Mastan Chowdary, Ibrahim Mohammad Ahmad Mansour, Sachin Bagde
03.00 - 03.15 pm	ICFTS-253	BEE Optimization based Model for Reliable with Resource Allocation in UAV Guided Vehicular Communication	T. Chandra Sekhar Rao, B Rama Devi, Hiran kumarsingh, Yogesh Y. Nandurkar, Osama Jamal Jamil Abed Al Jawad
03.15 - 03.30 pm	ICFTS-256	Link Prediction with Efficient and Reliable Routing using Bat Algorithm in UAV-Assisted Vehicular Network	Sk. Asif, Kiruthika. B, K Ramanjaneyulu, Osama Jamal Jamil Abed Al Jawad, Manish Dakhore
03.30 - 03.45 pm	ICFTS-258	Energy Efficiency Improved Grey Wolf Optimization Algorithm in Software-Defined Vehicular Adhoc Networks	D Sameer Kumar, M.Muthamizh Selvam, Osama Jamal Jamil Abed Al Jawad, Nilesh Gedam, G. Vinoth Rajkumar
03.45 - 04.00 pm	ICFTS-260	Efficient Communication and System Model for Delay Minimization in UAV-assisted IoT Networks	Sangeetha V, N. Janardhana Rao, Rajasekhar Manda, Amneh alamleh, Shilpa Bhimrao Sahare
04.00 - 04.15 pm	ICFTS-262	An Efficient Clustering Approach Broadcast Scheduling Process in Heterogeneous Vehicular Communication	S.Vamsi Ujwala, V Jai Kumar, Amneh alamleh, Prasad A Hatwalne
04.15 - 04.30 pm	ICFTS-264	Design and Implementation of Propagation-based Clustering Approach to Improve the Efficiency in Vehicular Sensor Network	Shital Y. Gaikwad, B.Sabharinadh Reddy, M. Swarna, P. Sri Haritha, Bilal Al-Nassar, Prashant D. Kamble

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr T.J. NAGALAKSHMI, Professor, Department of ECE, Saveetha School of Engineering, SIMATS, Chennai, Tamilnadu.

Dr. Adithya Pothan Raj V, Lead Architect – Technology, CTS Canada.

Room Name:A28R03**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
02.45 - 03.00 pm	ICFTS-125	AI-Based Load Forecasting for Demand Response	ChintureenaThingom, Mohan.S, E. Afreen Banu, E. Saranya, M. Jasmin, Ranjeeth Kumar M
03.00 - 03.15 pm	ICFTS-126	Machine Learning Algorithms for Dynamic Spectrum Access in Wireless Networks	Sumit Kumar Mishra, E. Afreen Banu, Chandrasekharan Dinesh, A. Sandanakaruppan, Ranjeeth Kumar M, Rajendiran M
03.15 - 03.30 pm	ICFTS-129	Deep Learning for Real-Time Fault Detection in Power Systems	Dheeraj Hebri, Sathishkannan R, M.S.Pavithraa, P. Sreelekha, P. Vidhya, Praveen Kumar. D
03.30 - 03.45 pm	ICFTS-130	Smart Grids: AI-Enabled Energy Management and Demand Forecasting	Jehan Kadhim Shareef Al-Safi, Tanusha Mittal, Sreeanandan, Najmuddin Amer, Harshal Patil, Natrayan L
03.45 - 04.00 pm	ICFTS-133	Internet of Things-Based Real-Time Monitoring and Control Systems for Industrial Automation	Vinod N. Alone, Gulshan Dhasmana, Najmuddin Amer, Venugopal N, Sachudhanandan S, Jason Elroy Martis
04.00 - 04.15 pm	ICFTS-135	AI-Enhanced Robotics in Healthcare: Transforming Diagnosis and Treatment	N.S. Kavitha, Pareshwar Prasad Barmola, Samatha R Swamy, Najmuddin Amer, Veena Dinesh, Pratheeksha Hegde N
04.15 - 04.30 pm	ICFTS-137	Deep Learning Techniques for Sentiment Analysis in Social Media	Vinod N. Alone, Najmuddin Amer, Sahana D Gowda, Nayani Sateesh, Mily Lal, John T Abraham
04.30 - 04.45 pm	ICFTS-138	VLSI Architectures for AI Accelerators	Vaithianathan V, R Gowri Shankar Rao, Yalamanchili Adinarayana, M. Deivakani, V. Kamalkumar, S. Kaliappan

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr.AR.Arunarani, Associate Professor, Department of Computational Intelligence, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Chennai.

Dr. K.Vasanth, Associate Professor, ECE, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad 75, Telengana.

Room Name:A28R04**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	Paper Title	Authors
02.45 - 03.00 pm	ICFTS-082	AI-Enhanced Predictive Control in Power Electronics	Ramanathan G, M. Senthil kumaran, H. Mickle Aancy, U. Rajesh Kumar, Jyotirmayi Purohit, S. Kaliappan.
03.00 - 03.15 pm	ICFTS-140	Design and Implementation of a ZigBee-Based WSN for IoT Integration and Monitoring via Ubidots Platform	J. Nirmala Gandhi, Akila R., P. Sreelekha , Bura Vijay Kumar, P.Vanitha , A. Rajendran
03.15 - 03.30 pm	ICFTS-141	IoT-Based Real-Time Monitoring for Industrial Automation	Rahul Bhagwan Ingle, Vipin Sharma, D. Kalaiyarasi, Shyamprakash.D, R. Pandian, P. Ramakrishnan
03.30 - 03.45 pm	ICFTS-144	Pregnancy Growth Data Analytics Using Correlated Antlion Optimized Tangent Approximated Extreme Gradient Learning	D. Sudha, P. Sujatha
03.45 - 04.00 pm	ICFTS-067	Predicting Disease Outbreaks with AI: An In-depth Analysis of Infectious Diseases Surveillance	Ankit Kumar Dubey, Mrs. Khushbu Gupta , Mr. Venkatesan S, Abhilasha Sankari, Siva Sankar Namani, Raavi Hemalatha
04.00 - 04.15 pm	ICFTS-068	Enhancing Cybersecurity in IoT-Based Banking Systems using Artificial Intelligence	Dr. S. Thandayuthapani, Pradip Chakraborty, Pritha Mukherjee, Dr. G. Pandi Selvi, Sarfaraz Javed
04.15 - 04.30 pm	ICFTS-192	Fog and Edge Computing: Bridging the Gap Between Cloud and IoT	Basava Ramanjaneyulu Gudivaka, Dr . Nilesh Anute, Yogesh Ramaswamy, Vikram Nattamai Sankaran, Rajendra V. Patil, Jeyaprakash.N
04.30 - 04.45 pm	ICFTS-190	Statistical Methods for Big Data Analysis in Technological Systems	Abas Hidayat, Ari Nurfikri, D Vamsi Priya, Rajendra V. Patil, Vaishali Raghuvir Hire , Nishant. S

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr. George Fernandez I, Associate Professor, Department of Computer Science and Engineering, Dayananda Sagar University, Karnataka 562112.

Dr. Ramesh Babu M, Professor, St. Joseph's College of Engineering, Chennai.

Room Name:A28R05**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
02.45 - 03.00 pm	ICFTS-189	Geospatial Analysis of Land Use Changes and Its Implications on Agricultural Production	Marneni Divya Sree, Vani Sarada, Shashank Kishor Singh, Priyadarshini.V, S.SahayaVasanthi, Balasubramanian.V
03.00 - 03.15 pm	ICFTS-187	Multimodal Collegiate Vocabulary Instruction Employing Hypermedia	Deepa Rani, Sandip H Patil, Sugandha, Ruchi Rani, Dr Jasneet kaur, S.P.Vedavalli
03.15 - 03.30 pm	ICFTS-184	Flood Forecasting Model Using LSTM-Neural Network-Application and Challenges	Dr. Chitaranjan Dalai, Arun Elias, Goutham Kacheru, Purba das, Ashif Mohammad, N.Chidambararaj
03.30 - 03.45 pm	ICFTS-181	Implementation of IoT-Enabled Smart Devices for Real-Time Health Monitoring in Nursing Practice	Shubha Jain, Shuvo Dutta, MD Faisal Mahmud Alvi, Anjum Abbasi, Vettrivel Arul, Harish.S.S
03.45 - 04.00 pm	ICFTS-180	Nonlinear Integral Equations in Modeling and Simulation of Electromagnetic Fields	V. Krishnan, VinodkumarK, Manju Sangwan, Vikram Nattamai Sankaran, Sivakumar.S
04.00 - 04.15 pm	ICFTS-199	AI-Driven Threat Detection Models: Integrating Deep Learning for Enhanced Cybersecurity Against Emerging Network Vulnerabilities	Mr. Lalit Kumar, Abdullahi Modibbo Abdullahi, Omar Isam AL Mrayat, Yogesh Ramaswamy, Vikram Nattamai Sankaran, Jayabharathi P
04.15 - 04.30 pm	ICFTS-198	Data-driven Approaches for Crop Yield Prediction using Machine Learning Techniques	S.Sundararajan, NingarajBelagalla, Omar Isam AL Mrayat, Muhammad Saqib, Shubham Malhotra, Jayabharathi P
04.30 - 04.45 pm	ICFTS-196	The Impact of Internet of Things (IoT) on Legal Liability and Regulation	Ch. Venkata Krishna Reddy, Kampa Kishore Kumar, Richayadav, Sarvagya Jha, Ashish Kaushik, Siva T

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:02.45 pm to 04.30pm

Session Chair :

Dr Jagadeesh P, Associate Professor, Department of Electronics and Communication Engineering, VEL Tech Multi Tech Dr. Rangarajan Dr. Sakuntala Engineering college, Avadi, Chennai.

Dr. Narmadha T V, Professor, St. Joseph's College of Engineering, Chennai.

Room Name:A28R06**ZoomLink:** --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
02.45 - 03.00 pm	ICFTS-146	Role of Artificial Intelligence to Boost Paychecks and Accelerate Career Growth at Workplace	Dr. Snehal Sunil Shinde, Dr. Kavita Ubarhande, Dr. Pallavi Shintre, Dr. Namita Chawla, Dr. Niket Tajne, Dr. Shripada Patil
03.00 - 03.15 pm	ICFTS-147	Predictive Analysis Of Financial Markets Using Machine Learning	Dr.R.S. Balasenthil, Prof. Dr. Amey Adinath Choudhari, Rajeswaran Ayyadurai, Prof.Priti Dadasaheb Mane, Dr. Dashrath Bhoite
03.15 - 03.30 pm	ICFTS-149	Intelligent Mining Vehicles Autonomous Haulage and Fleet Management with IoT	Dr. Ninad Murlidhar Gawande , B Sugatha Kumari , Dr. Manesh R. Palav , Pradip Chakraborty , Sarfaraz Javed , Mr. Anupam Sharma
03.30 - 03.45 pm	ICFTS-950	Optimized SNP Selection for Rheumatoid Arthritis Using Genetic Algorithm and Arithmetic Optimization Algorithm	A. Ezhil Grace, T P Ramachandran
03.45 - 04.00 pm	ICFTS-952	Pathway-Based Gene Prioritization and Machine Learning Approaches for Rheumatoid Arthritis Analysis	A. Ezhil Grace, T P Ramachandran
04.00 - 04.15 pm	ICFTS-971	Neural Network Approaches to Wireless Network Optimization	J.Lurdhumary, Yashwant Kumar Parte, Ramya M ,Rajendra Prasad Ch, M Jogendra Kumar, A. N. Arularasan
04.15 - 04.30 pm	ICFTS-973	AI-Optimized Renewable Energy Forecasting	S. Mallikarjunaiah, Sangita Babu Patil, M. Mallika, M. Jyothsna Devi, Kanusu Srinivasa Rao, Bhanu Chandar Yenugu

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:02.45 pm to 04.45pm

Session Chair :

Dr. P. Mohan Kumar, Professor, Department of Computer Science and Engineering, Hindustan Institute of Technology and Science (Deemed to be University), Chennai.

Dr. Sudhakar T D, Professor, St. Joseph's College of Engineering, Chennai.

Room Name:A28R07

ZoomLink: --<https://shorturl.at/APoJs>

Time	Paper ID	PaperTitle	Authors
02.45 - 03.00 pm	ICFTS-960	Comparing Supervised and Unsupervised Learning Techniques for Customer Segmentation in Marketing	Dr. S. Thandayuthapani, Dr. Irfan Abdul Karim Shaikh, Dr. Govind Soni, Dr. Manesh R. Palav, Dr. Ashok Kumar Sahoo, Anjana C A
03.00 - 03.15 pm	ICFTS-962	Deep Learning for Stock Market Prediction	Dr. D. Janis Bibiyana, Dr.V. Ramu, Dr. R. Rakesh, Dr. S. Raja, Dr. Juno Jasmine j, Dr. S. Chandramouli
03.15 - 03.30 pm	ICFTS-963	Enhancing Power Quality in Smart Grids through Machine Learning Techniques	M.Vaigundamoorthi, Mukul Kumar Singh, Ramaprabha Marimuthu, Ravichandran V, Akriti Garg, Atul Sarojwal
03.30 - 03.45 pm	ICFTS-965	Steganography using Improved Diffie Hellman Algorithm and Elliptic Curve Cryptography	Vijitha S, Anandan R, Prasanna P
03.45 - 04.00 pm	ICFTS-967	Energy-Efficient IoT Solutions for Smart Cities	Thirunavukkarasu Mani, B. Charith, T. Venkatamuni, Vaishali M, K.Lalitha, B. Muthuraj
04.00 - 04.15 pm	ICFTS-968	Quantum Cryptography in Secure IoT Communications	P. Ramesh, N.Saranya, Shantha Shalini K, S. Leela Eric Howard, Bala Sundara Ganapathy N
04.15 - 04.30 pm	ICFTS-969	Neural Networks in Electrical Power Distribution Systems	E. Afreen Banu, Chandralekha M, Ancelin L, Aparna P, Bathala Neeraja, Thamizhkani.B
04.30 - 04.45 pm	ICFTS-970	AI-Powered Signal Processing in 5G Networks	Kamepalli Dharani, D. Leela Rani, P. K. Kumar, Prabakaran S, R. Balamurugan, S.K.Logesh

PROGRAMME SCHEDULE ICFTS 2025**Session: Computing (Track-1)**

Date:27.03.2025

Time:11.30 am to 1.30 pm

Session Chair :

Dr. George Fernandez I, Associate Professor, Department of Computer Science and Engineering, Dayananda Sagar University, Karnataka 562112.

Dr. Ramesh Babu M, Professor, St. Joseph's College of Engineering, Chennai.

Room Name:F27R01

Time	Paper ID	PaperTitle	Authors
11.30 - 11.45am	ICFTS-412	Revolutionizing Agriculture: Smart Irrigation Systems for Optimized Water Management and Enhanced Crop Yield	S.Durai, DarshChatrani, T Vaishnavi, Rajkumar N, Kishore Kumar K,S Vikas
11.45- 12.00pm	ICFTS-823	Machine Learning for RSA Cryptanalysis: Assessing Key Strength	Thirunavukkarasu J , Vivek Subramanian G , Kirthana Mohan R , Janavi Thiyagarajan, Dr.R.Sethuraman , Korimilli Yash Venkat
12.00 - 12.15pm	ICFTS-851	Blocking Random Network Attacks and avoiding network traffic in ad hoc networks by using Honeypot Network Security and Intrusion Prevention System	V. Ramachandran, K. Suresh
12.15 - 12.30pm	ICFTS-553	Identify and Analyze The Healthy and Unhealthy Food items using Deep Learning	M.S. Roobini , Anjali G , Sonia Jenifer Rayen, Scinthia Clarinda, M.Nafees Muneera
12.30 - 12.45pm	ICFTS-834	Mediation Toxicity Forecasting Using Deep Learning	Dr.J.Dafni Rose, J.M Joel Staines, Khalushankar A
12.45 - 01.00pm	ICFTS-782	Concurrent Fusion LSTM Model For Accurate Prediction Of Covid19 Progression Using Multi-Source Data	Parthiban M, Anna Alphy, B Sreedevi
01.00 - 1.15pm	ICFTS-543	High Precision Star Tracker with Dynamic Post-Calibration Framework	Salna Joy, Siddharth Rajesh, Vinayak S Bangarshetar
01.15 – 1.30 pm	ICFTS-612	An Enhanced Framework for Intrusion Detection System using LSTM	K.Jyothsna , V.Hemamalini

PROGRAMME SCHEDULE ICFTS 2025**Session:Communication(Track 2)**

Date:27.03.2025

Time:11.30 am to1.45 pm

Session Chair :

Dr Jagadeesh P, Associate Professor, Department of Electronics and Communication Engineering, VEL Tech Multi Tech Dr. Rangarajan Dr. Sakuntala Engineering college, Avadi, Chennai.
Dr. Narmadha T V, Professor, St. Joseph's College of Engineering, Chennai.

Room Name:F27R02

Time	Paper ID	Paper Title	Authors
11.30 - 11.45 am	ICFTS-893	Experimental Analysis of Throughput Maximization and Delay Reduction over Wireless Sensor Network through Neural Route Mapping	V. Sujatha, Akash , Arvind, Joshwa ,Likith , Aashifa Barveen
11.45- 12.00 pm	ICFTS-366	Efficient Mixed-Radix FFT Architecture For High-Performance Communication Systems	Viswanathan T , M. Malathi
12.00 - 12.15 pm	ICFTS-795	Experimental Study on Sound Wave Analysis using Active Noise Cancellation Techniques for a Helicopter Cabin Model	SarweswaranRajangam, Krishna Teja K S, P. Yashasvi Chandrakant, Rushee Kumar A, Sathish S, Seralathan Sivamani
12.15 - 12.30 pm	ICFTS-804	Impact and Efficiency of E-learning Platforms in Transforming Teachers and Students Skills	Rajeshkumar. C, K. Rajakumari
12.30 - 12.45 pm	ICFTS-898	An Adaptive Model for Learning Powered Traffic Sign Recognition in Autonomous Vehicles using Neural Structure Optimization Scheme	R. Rajeshwari, Antony Karan David J, Jain J, Kishore Edwin S, Monisha L, Pavithra P
12.45 - 01.00 pm	ICFTS-899	HealthCore: A Multi-Modal Framework to Predict Leukemia Disease Using Integrative Healthcare Image Evaluation	N. Lakshmi, Arun Prasath K, Joshua Kennedy D, Koramutla Teja Sai, Meenakshi M, Miruna B
01.00 -1.15 pm	ICFTS-842	Enhanced Decision-Making Processes in Cognitive Radio Networks (CRNs) for Analyzing Spectrums using Security enabled Decentralized System Architecture	P. Shyamala Bharathi, A Shankar
01.15 – 1.30 pm	ICFTS-598	Analysis of 6T, 7T, 8T SRAM Cells Using FinFET at 7nm Technology	Neerajaksha Monish, Sritama Roy
1.30 – 1.45 pm	ICFTS-796	Design and Analysis Of BLDC Motor For Electric Two Wheels	R Amartyasen, M Balaji, S.T Vigneshwar

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date: 27.03.2025

Time: 11.30 am to 1.45 pm

Session Chair :

Dr. P. Mohan Kumar, Professor, Department of Computer Science and Engineering, Hindustan Institute of Technology and Science (Deemed to be University), Chennai.

Dr. Sudhakar T D, Professor, St. Joseph's College of Engineering, Chennai.

Room Name: F27R03

Time	Paper ID	Paper Title	Authors
11.30 - 11.45 am	ICFTS-413	Guardianseps: Empowering Early Sepsis Detection	K Antony Kumar, S Nireesh Kumar, Jerlin Francy Rajan, Charan Appala, Shreya Balurgi, Praveen Royal Balaiahgari
11.45 - 12.00 pm	ICFTS-562	Prediction of Early Floods under Indecisive Weather Forecasts using Innovative K Nearest Neighbor	T. N. Navya, G. Ramkumar
12.00 - 12.15 pm	ICFTS-601	Enhancing Education Infrastructure through Machine Learning: A Framework for Classifying and Prioritizing Schools	Ujjain S, Thilak Kumar V, Dhanush Ishwar D, Akask SV
12.15 - 12.30 pm	ICFTS-351	Advanced Data Extraction and Predictive Analytics for Hemodialyzers Using AI and OCR	Espin Shalo S P, Jeeshan R J, S Gunasekar, Pius Agbulu G, Sairam V A
12.30 - 12.45 pm	ICFTS-778	Satellite Based Geographical Poverty Prediction	Vividh Salankimatt, Dr. Renuka Devi M N, Yashas M, Vivek D K, Vijay Kumar K S
12.45 - 01.00 pm	ICFTS-572	Sentiment Vectorization and Predictive Modeling of Aviation Feedback Using Advanced NLP Architectures	Vansika Sonthalia, Panya Sharma, Yatindra Pabbati, Dr. R. Nithya Paranthaman
01.00 - 01.15 pm	ICFTS-651	Cross-Platform Marketing Strategies Using Reinforcement Learning to Maximize Multi-Channel Engagement	Joseph Mary Rahila, D. Revathi, R. Nadasabai, S. Chandrasekaran
01.15 - 1.30 pm	ICFTS-329	CNVIS-Net: A Self-Attention Framework for Predicting Soil Nutrients from Hyperspectral Data	Shagun Jain, Divyashikha Sethia, Kailash Chandra Tiwari
01.30 - 1.45 pm	ICFTS -018	Behavioral Pattern Recognition in Continuous Human Activity Monitoring	Visumathi J, K. Datta Sai Krishna, M. Manaswini, P. Balaraju

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:27.03.2025

Time:11.30 am to 1.45 pm

Session Chair :**Dr. Revathi V**, Associate Professor, Dayananda Sagar University, Bangalore.

Dr. Chamundeeswari V, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name:F27R04

Time	Paper ID	Paper Title	Authors
11.30 - 11.45 am	ICFTS-698	Smart Management of Crop Monitoring Using Drone Technology	Dr. George Fernandez I, Dr. Gopal Sharma R Joshi, Rakesh Prabhugowda Gowdra, Yashwanth G M, Sangamesh Lingshetty, Mohammed Arif
11.45- 12.00 pm	ICFTS-841	Optimized Cardiac Disease Prediction Using Cuckoo-Harmony Enhanced Convolutional Neural Networks	S.Jayasankari, Polaki Sujatha, R.Vinitha, Rama Prabha K.P, K. Gayathri, Bharathi Ramesh Kumar
12.00 - 12.15 pm	ICFTS-933	Sentiment Analysis and Machine Learning in Understanding Work-from-Home Stress and Work-Life Balance among IT Professionals	Mohamed Shameen, A. Geetha
12.15 - 12.30 pm	ICFTS-932	Hybrid CNN-ViT Model with Grad-CAM for Ocular Disease Detection	A. Ibrahim Kaleel, S. Brintha Rajakumari
12.30 - 12.45 pm	ICFTS-931	Efficient Closed Frequent Itemset Mining: Enhancing Association Rule Discovery with Vertical Format Algorithms	A. Ashraf Ali, S. Silvia Priscila
12.45 - 01.00 pm	ICFTS-934	Intelligent Stability Detection in Smart Power Grids using Optimized Deep Learning Models	J. Jeyasudha, K. Sasikala
01.00 - 01.15 pm	ICFTS-819	IoT-Enabled Wearable for Continuous Elderly Health Monitoring and AI-Based Emergency Detection	Mr. Calvin Davis S R, Mrs. Surya U, Mr. Ben Stanes J
01.15 – 1.30 pm	ICFTS-488	Stock Market Analysis and Price Prediction	Rahul S, Shrinivas V N, Brindha G
01.30 – 1.45 pm	ICFTS -168	Dynamic Workforce Optimization: Exploring Deep Learning Models for Real-Time Adaptive Training	Hajra. H

PROGRAMME SCHEDULE ICFTS 2025**Session: Communication (Track 2)**

Date:27.03.2025

Time:11.30 am to1.45 pm

Session Chair :

Dr P Shyamala Bharathi, Associate Professor, Department of Electronics and Communication Engineering, Saveetha School of Engineering, Chennai.

Dr. Venmathi M, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name: F27R05

Time	Paper ID	Paper Title	Authors
11.30 - 11.45 am	ICFTS-894	VisualTrackMapper: An Efficient Framework for Advanced Object Recognition Using Deep Learning Procedure	N. Juliet, Amman, Balaji ,Karthick , Arundhathi N , Dhaarani
11.45- 12.00 pm	ICFTS-896	An Efficient Energy Maximization Protocol Design based on Convolutional Route Optimization Protocol	R. Sankar, Antony Alwin S, Deepak R, Karthik N, Geethanjali S, Jayapriya S
12.00 - 12.15 pm	ICFTS-897	An Efficient Deep Learning Powered Real-Time Malware Identification Scheme using Optimized Threat Classification Principle	K. Malathy,Antony Johnson M,Harish S,Kiran Kumar M,Keerthana L,Kiruthika R
12.15 - 12.30 pm	ICFTS-676	Modeling and Simulation of Hybrid Renewable Sources For Stand Alone AC Loads.	Praveenkumar.K, Sanjai.S, Anbarasan.P
12.30 - 12.45 pm	ICFTS-679	A Novel Multisource Multilevel Inverter Using Minimal Switches for Renewable Energy Systems	Ms Sathya Agila S, Dr V Thiyagarajan
12.45 - 01.00 pm	ICFTS-752	Design and Implementation of a Battery Management System with Charge Monitoring and Fire Protection for Electric Vehicles	M Karthika, R Puneeth Kumar, Uday A Kammar
01.00 - 01.15 pm	ICFTS-799	Design And Implementation Of 21 Level Asymmetrical Multilevel Inverter With Reduced Number Of Components	P Sumaithri, Shruthieshreyaa R, Sri Vidhya J, Dr. V. Thiyagarajan
01.15 – 1.30 pm	ICFTS-881	Optimizing Diabetic Retinopathy Screening With Machine Learning: A Data-Driven Approach	Dr. George Fernandez I, Dr.Dhathri K, Archana BS, Vaishnavi P, Preethi V, .
01.30 – 1.45 pm	ICFTS -499	Detection of Depression in Workplace Using Machine Learning Techniques	Arjun Ashad, Jitin Nair, Adel

PROGRAMME SCHEDULE ICFTS 2025

Session: Artificial Intelligence (Track 3)

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr.P.Srideviponmalar, Associate Professor, School of Computing, SRM Institute of Science and Technology, Kattankulathur, Chennai.**Dr. Krishnakumar V**, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name: F28R01

Time	Paper ID	Paper Title	Authors
11.30 -11.45 am	ICFTS-563	Optimized Diabetic Retinopathy Eye Disease Classification Using Deep Learning Model	Thirisha. A, G. Ramkumar
11.45 -12.00 pm	ICFTS-739	DeepFuseNet: A Novel Multimodal Biometric Authentication Model with Deep Neural Networks	K. Appasamy, R.S. Shanmugasundaram
12.00 -12.15 pm	ICFTS-751	SIGMO: Sigmoid Colon Cancer Prediction Using Machine Learning and Deep Learning	S. Dhivya dharshini, K. Anand
12.15 -12.30 pm	ICFTS-717	EcoTrack:AI-Powered Smart Waste Management System	Surya R, Subhikshni V S, J Kasthuri, R S Shanmuga Sundaram
12.30 -12.45 pm	ICFTS-645	Online Exam Fraud Detection Using Different Techniques	Jayabharathi P , Vinoth Kumar S, Vijay Rajasimman R
12.45 -01.00 pm	ICFTS-720	Improving Decision-Making in Retail: Employing DBSCAN Algorithm for Enhanced Customer Segmentation in Mall Environments	Lavanya M
01.00 -01.15 pm	ICFTS-410	Analysis of Green Human ResourceManagement Recruitment Multidisciplinary Approach Artificial Intelligence Systems	Dr.S.Usha, L.Manjunath, Dr.S.Kumaresh, Dr. Kumuda P R, Dr.M.Yasotha, Revathi V,
01.15 – 1.30 pm	ICFTS-912	Enhanced Solar Power Utilization for EV Charging Stations Using a Reconfigurable Step-Size Fuzzy Logic MPPT Controller	Kiruba T A ,NiranjanV , Prasad H, Sudhakar T D
01.30 – 1.45 pm	ICFTS -801	Improving School Bus Management and Student Safety through the Creation of an Intelligent Attendance System Utilizing GPS and RFID	Santhiya M, Aashika P.S, Varshini A., Jayaprakash K

PROGRAMME SCHEDULE ICFTS 2025**Session: Internet of Things (IoT) - (Track-5)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr. S Lalitha, Associate Professor, CSE, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai.

Dr. A. Jamna, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name: F28R02

Time	Paper ID	Paper Title	Authors
11.30 - 11.45 am	ICFTS-814	Optimizing Data Gathering in Internet of Things Networks: Discrete Optimization and MEC Offloading for Industrial IoT	B. Padmavathi, Jayanthan B S, Pooja Sree H, Hariharan M S, Nithish S, Ramkishore E
11.45 - 12.00 pm	ICFTS-716	Design and Implementation of an Automated Seed Sowing Robot with Precision Irrigation and Environmental Monitoring for Smart Farming	Narean R, Pranav S, Dankan Gowda V, Nithin A R, Pratik P Pujari
12.00 - 12.15 pm	ICFTS-411	The Future Role of Artificial Intelligence and Internet of Things Smart Green Homes Buildings	Veeranjaneyulu I, Dr Radhamani K, S.Saranya, Bhukya Shankar, M.Tamilselvam, Dr.S.Venkatachalam
12.15 - 12.30 pm	ICFTS-616	Real Time IOT Based Cattle Monitoring System Integrated With An User Friendly Application.	Thirunavukkarasu J, Deepak Kumar K, Dharanidharan R, Harish V
12.30 - 12.45 pm	ICFTS-657	Urban vs. Rural Crime Dynamics : A Spatio-Temporal and Machine Learning Approach for Comparative Analysis	Dr.A.Maheshwari, Dr Maria Emilia Camargo, Dr. Walter Priesnitz Filho, Dr.Mithileysh Sathiyarayanan
12.45 - 01.00 pm	ICFTS-664	Enhanced Waste Segregation using Vision Transformers and YOLO	Sumathy G, Dr Maria Emilia Camargo, Dr. Walter Priesnitz Filho, Dr Mithileysh Sathiyarayanan
01.00 - 01.15 pm	ICFTS-620	Deep Learning-Driven Adaptive Band Selection for Efficient Hyperspectral Image Analysis	Sravanam Sreeja, Thatikonda Radhika, M.Ramya, S.Navaneethan, R. Shankari, C.R. Bharathi
01.15 - 1.30 pm	ICFTS-304	Design and Optimization of a Low-Power Phase-Locked Loop Using 18nm FinFET Technology for High-Performance Applications	Senthil Murugan M, Varsha M, Sri Ranjani G, D. Suresh

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr.Maheshwari A, Associate professor, Department of Computational Intelligence, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Chennai.

Mr. Umesh Prabhu H, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name: F28R03

Time	Paper ID	PaperTitle	Authors
11.30 - 11.45 am	ICFTS-673	Safe-Smart Navigation System Using Machine Learning and Satellite Imaging	Sambath M., Ankit Singh, Nisaj Ravin Patel, Linda Joseph
11.45 - 12.00 pm	ICFTS-349	A Novel Approach to Identify Disfigured Faces Using Facial Landmark Detection	R.Vidhyasri, Vruthi V Anand, Dr.N.Nanthini
12.00 - 12.15 pm	ICFTS-760	EM-DRNet: Efficient-Mamba Vision Model for Early Detection and Classification of Diabetic Retinopathy.	Santhosh M, Sam Varghese George, Surendhan A, Sukin Raj M, Arisuthan C
12.15 - 12.30 pm	ICFTS-802	Enhancing Green Marketing Strategies with Reinforcement Learning for Dynamic Product Design	R. Vijyakumar, A. Geetha
12.30 - 12.45 pm	ICFTS-803	Cybersecurity in Healthcare: Safeguarding Patient Data in Telemedicine Platforms	Chandravadhana S, Banu S, Anurag Reddy Ekkati, Narendran M, Rahmaan K, Venkateswara Rao Jallepalli
12.45 - 01.00 pm	ICFTS-808	IoT-Enabled ML Framework for Efficient Biofloc Monitoring in Aquaculture	Chalapati. Mounika, P.Vinayagam, M.Kanimozhi, Helina Rajini Suresh, Neeraj Sunheriya, Ayman Amer
01.00 - 01.15 pm	ICFTS-681	Prediction of humidity based on CEEMDAN-LSTM approach	DaphinLilda. S, Jayaparvathy R
01.15 – 1.30 pm	ICFTS-303	Design and Implementation of a Low-Power 4-Bit Synchronous Up Counter Using Gate-Diffusion Input Technology	Senthil Murugan M , Tharasi Sandhya, Venika R J , T. Siva

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr.Sumathy G, Associate Professor, Department of Computational Intelligence, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Chennai.

Dr. Sridharan S, Associate Professor, St. Joseph's College of Engineering, Chennai.

Room Name:F28R04

Time	Paper ID	Paper Title	Authors
11.30 -11.45 am	ICFTS-652	Scrupulous Liver Cancer Segmentation: An Enhanced U-Net Model with Extended Echo Skip based ResoReplicate Layer	Viveka S, Prabhuranjith P, Madhubala. C ,K.Hemalatha, A. Ramya, N.G.Gayathri
11.45 -12.00 pm	ICFTS-508	Detecting Crop Pathogens With Convolutional Neural Networks	Soorya Prakash D, Sanjay Vishnu M, Sudha K
12.00 -12.15 pm	ICFTS-327	Utilizing Digital Technology For Accurate Water Footprint Calculation In Agricultural Products	Kabilan Rajagopal, Harisha Ayyavoo, Aarthi Selvam, Dr.Mahalakshmi K
12.15 -12.30 pm	ICFTS-852	Deep Learning Technique to Extract Skin Cancer in Earlier Stage through Optimization	C. Valvil Ori, J. Anish Kumar
12.30 -12.45 pm	ICFTS-535	Smart Food Calorie Prediction: Hybrid CNN-ML Model for Accurate Meal Tracking	K.P.Senthilkumar, S.Thenappan, Madhumitha J, R.Alarmelu Mangai, RajkumarChadge, Khaled Al-Qawasmi
12.45 -01.00 pm	ICFTS-536	Obstacle Detection and Avoidance in Self-Driving Cars using LIDAR and Vision-Based Algorithms	A.Sujin Jose, Mohammad Bdair, Preetish Kakkar, T Praveena, S.Thenappan, S Lalitha
01.00 -01.15 pm	ICFTS-659	Energy Demand Forecasting InAnIntegrated Power System Using Machine Learning Techniques	Vijaisrinivaas A M C, Vigneshwaran P, Mr.H. Prasad, Dr.T.D. Sudhakar
01.15 – 1.30 pm	ICFTS-873	Adaptive Deep Learning Framework For Privilege Escalation Attack Detection And Mitigation In Cloud Environments	Letika .P .M, Jessica Jesseline .B, Ms. A. Jemima Havila Catherine

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence and Machine Learning (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :**Dr Sureka N**, Professor, Department of Biomedical Engineering, Agni college of Technology, Chennai.**Dr. Chidambararaj N**, Associate Professor, St. Joseph's College of Engineering, Chennai.**Room Name:**F28R05

Time	Paper ID	PaperTitle	Authors
11.30 - 11.45 am	ICFTS-694	Ddos detection in mitigation using Deep learning with cyber security	R. Savithiri , K. Pradeep Mohan Kumar
11.45 - 12.00 pm	ICFTS-951	Smart Gas Stove With Enhanced Gas Leakage Monitoring System	Dr.Jayaramapradeep ,Dhyaneshwar E,Amar T
12.00 - 12.15 pm	ICFTS-953	An Intelligent Detection System For Water Safety Identifying Foreign Organisms	Dr.Jayarama Pradeep, Sreekanth. R, F.MichaelJesvin, KP.Parethe Thendral
12.15 - 12.30 pm	ICFTS-294	Future Frame Predictor For Oceanography	Dhino Williams D, Infant Luvango P, Bino J
12.30 - 12.45 pm	ICFTS-292	Hybrid Deep Learning Approach for Image Captioning: Integrating ResNet50 and GloVe with LSTM	Dhakshana Moorthy.R, Dr. R. Deepa, M.Tech, Ph.D.
12.45 - 01.00 pm	ICFTS-939	Establishing accurate machine learning models to support the prediction of Prostate cancer	Dr karthikeyan M V,Dr Victoria JanceeB,SakthivelM,Crispin M V ,Dr.Tephillah S, Dr. Senthamizh Selvi M V
01.00 - 01.15 pm	ICFTS-771	Design and Analysis of Power Management Systems in Automotive Applications Using Basic Non-isolated Converters	Angeline Brittnee Fernando,Dr.William Christopher I , Chandani I
01.15 – 1.30 pm	ICFTS-837	Automated Metro Fare Collection and Dynamic Passenger Management System	Kavin J J, Nisha M and Anist A

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr S.KRISHNA VENI, Associate Professor, Department of ECE, Dr. M.G.R. Educational And Research Institute university, Chennai

Dr G. RAMYA, Professor, Department of Computing Technologies, School of Computing, SRM Institute of Science and Technology, Kattangulathur, Chennai, Tamilnadu.

Room Name:F28R06

Time	Paper ID	Paper Title	Authors
11.30 -11.45 am	ICFTS-042	Automatic Detection of Breast Cancer in Ultrasound with Deep Learning Models	K. Vijayakumar, Mohammad Nazmul Hasan Maziz, S. Prabha
11.45 -12.00 pm	ICFTS-043	Normal/Stone Renal CT Slices Detection using Deep-Learning with Ensemble Features	Ramya Mohan, Venkatesan Rajinikanth
12.00 -12.15 pm	ICFTS-986	A Multi-Sectoral Approach to Zoonotic Disease Surveillance: Classification and Monitoring Across Animal Categories	Ramya J, Rama Parvathy L
12.15 -12.30 pm	ICFTS-307	Optimised State Of Charge Estimation For Battery Using MI Technique	Aravindharaj.R, Athiniraj.K, Dr. T.V.Narmadha
12.30 -12.45 pm	ICFTS-308	Agribot -A Multifunctional Autonomous Robot for Enhanced Agricultural Efficiency and Precision Farming	Sreekanth R, Dr. Ramesh Babu M, Aiswarya T S, Harini N
12.45 -01.00 pm	ICFTS-309	Design and Analysis of Microwave Filter for Sub6GHz 5G Applications	Shanthini S, Sharmila Devi S B, Siva T, Dr. Mohan C, Dr. Senthil Murugan M, Mr. D. Suresh
01.00 -01.15 pm	ICFTS-310	Sea Buoy in Oil Spillage Detection	Dr Jayarama Pradeep, Jyothirmye B, Madhumitha S
01.15 – 1.30 pm	ICFTS-378	Effective Feature Technique for Heart Disease [FETUS] Prediction in Machine Learning	Shabana Asmeen MJ, Srishakthi SR, Ms. C. Ramadevi, Dr. Narmadha T V

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr M.SWARNA, Associate Professor, Department of ECE, Dr. M.G.R. Educational And Research Institute university, Chennai

Dr ANITHA. G, Associate Professor, Department of ECE, Saveetha School of Engineering, SIMATS, Chennai, Tamilnadu.

Room Name:F28R07

Time	Paper ID	Paper Title	Authors
11.30 -11.45 am	ICFTS-901	Intelligent Energy Management System for Standalone Electric Vehicles with Adaptive PID Control and Renewable Power Sources	M Karthick Kumar, B Madhanraj, Dr.M.Ramesh Babu
11.45 -12.00 pm	ICFTS-902	Analyze,Design and Implementation of MPWM interleaved DC-DC converter with voltage doubler for EV Applications	Devi Priya R, Indhumathi S, M. Venmathi
12.00 -12.15 pm	ICFTS-908	Efficient Bioelectricity Generation System Using Microalgae	Nishitha .D.K, T.V.Narmadha, Kumuthavalli.T
12.15 -12.30 pm	ICFTS-910	Sliding mode controlled Relift Luo Converter – Dual Output DC to DC Converter for Microgrid Application	Joshua Daniel P, Nadeen P, Venkatesh Kumar C
12.30 -12.45 pm	ICFTS-911	Real-Time Ground Water Level Detection using Satellite Imagery and XG-Boost algorithm for sustainable water resource management	Mr. K. Aravindhan, Dr. N. Chidambararaj, B. Sibhiraj, R. Srinivas
12.45 -01.00 pm	ICFTS-978	Automatic Bus Fare Collection System Using RFID, GPS And Voice Commands	Dr Anand K, Harini Praba M, Jeffrin Tania B
01.00 -01.15 pm	ICFTS-979	Medify-AI based LLM Based Healthcare System	Dr Kumar P, Shreenidhi G L, Sowmiya S, Dr Rakesh Kumar M
01.15 – 1.30 pm	ICFTS-980	CSR Project Management Tool and Analytics Platform	Vinod Kumar S, Akshaya R, Balaharinath C, Kumar P

PROGRAMME SCHEDULE ICFTS 2025**Session: Artificial Intelligence (Track 3)**

Date:28.03.2025

Time:11.30 pm to 1.30pm

Session Chair :

Dr. Harikrishnan R, Professor, Symbiosis Institute of Technology, Pune Campus, Symbiosis International (Deemed University), Pune - 412115, India.

Dr M. TAMILSELVI, Professor, Department of ECE, Saveetha School of Engineering, SIMATS Chennai, Tamilnadu.

Room Name:F28R08

Time	Paper ID	Paper Title	Authors
11.30 -11.45 am	ICFTS-030	Segmentation and Evaluation of Breast Cancer in Ultrasound Images: A Study with UNet Models	Syeda Masooma Ali, K. Vijayakumar, A. Subasini, S. Prabha
11.45 -12.00 pm	ICFTS-033	Classification of Benign/Malignant Digital Mammogram Images using Deep Learning Scheme	K. Vijayakumar, Mohammad Nazmul Hasan Maziz, Mathiyazhagan Narayanan
12.00 -12.15 pm	ICFTS-037	Tuberculosis Detection in X-ray with Two-fold Training and Fused Deep Features based Classification	Syed Mohammad Kamal Zaidi, Mohammed Shahjahan Kabir, G. Mahalakshmi, V. Rajinikanth
12.15 -12.30 pm	ICFTS-980	Parkinson's Disease Screening with Spiral-Hand-Sketch: A Study with MobileNet and KNN	Nuzha Basheer, Mohammed Shahjahan Kabir, Mary Joseph, K. Veera Vaishnavi, R. Danuspriyaa
12.30 -12.45 pm	ICFTS-982	Leaf Images Assisted Potato Plant Disease Detection using Deep-Learning with Features Fusion	Syed Mohammad Kamal Zaidi, G. Sumathi, S. Hemalatha, R. Santhosh, S. Prabha
12.45 -01.00 pm	ICFTS-983	Deep Transfer Learning Framework for Brain Tumor Detection in MRI Slices: A study	Syeda Masooma Ali, K. Vijayakumar, Mathiyazhagan Narayanan, Illavarason P
01.00 -01.15 pm	ICFTS-039	Automatic Detection of Happy/Sad Face Images with DL-An Analysis	Syeda Mohammad Nihal Bin Syed Waseem Zaidi, Lubna Shirin, S. Hemalatha, Mathiyazhagan Narayanan
01.15 – 1.30 pm	ICFTS-040	Diabetic Retinopathy Detection in Retinal OCT Images with Fused ResNet Features	Nuzha Basheer, B. Senthilnayagi, Mathiyazhagan Narayanan, Illavarason P



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