

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

(Autonomous)

Tiruchengode - 637 215. Namakkal Dt. Tamil Nadu

No. of Articles: 85

List of Scopus Indexed Conference Publications

Calendar year: 2025

S.No	Authors	Title	Conference	Vol.	Issue	S. Page	E. Page	Year
1	Kishore S.; Jagathratchagan T.; Hari Sankar V.; Srinivasan S.	IoT Based Seat Adjustable Health Monitoring Wheelchair System by Utilizing Piezoelectric Crystal and Solar Energy	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			366	372	2025
2	Arumugam A.; Eswaran B.; Ramesh L.; Nallusamy C.	Quantum-Integrated Steganography for Secure Communication using QKD and LSB Techniques	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			977	983	2025
3	Yogasathiyar S.; Vinoth M.; Kishore S.; Aravindan P.	IoT - Enabled Intelligent Power Monitoring and Control for Grid-Integrated Solar Power in Domestic Load	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			286	289	2025
4	Martin james G.; Saravana kumar K.; Sudharsan D.; Gnanasekaran M.	Enhancing Desalination Systems with IoT, Solar Energy, and Advanced Sensor Technologies	E3S Web of Conferences	619				2025
5	Gopinathan M.; Easwaran N.; Raja P.; Poonkuzhali R.	Model Checking for Security Assurance in Cyber-Physical Systems	ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings			837	842	2025
6	Sakthivel K.; Ashwin J.; Poongodi K.; Oviya S.	Image Analysis for Historical Knowledge Discovery and Preservation	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			895	900	2025
7	Senthil Kumar K.; Priyanka P.; Ranjith L.	AI Powered Smart Recognition of Plant Diseases with Vernacular Language Support	ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings			801	806	2025
8	Kaliyaperumal G.; Devanathan C.; Prabakaran S.; Prakash P.; Arivazhagan R.; Suriyaprakash L.	Featuring With Sodium Hydroxide Processed Bast Fiber Made Polypropylene Composite: Behaviour Investigation	AIP Conference Proceedings	3252	1			2025
9	Baskaran M.; Jeevabarathi S.; Kamalesh B.; Kumar P.	Autoencoder Based Noise Cancellation for Real-Time Audio Enhancement	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			168	173	2025
10	Janani B.; Praveen A.; Kumar B.S.; Tamilmani J.R.	A Deep Learning-Driven Landslide Detection System Using Optimized AlexNet	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025

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11	Ajithkumar A.; Kamalesh J.K.; Saran R.; Balamurugan R.	Power Factor Correction in BL-CSC Converter Fed BLDC Motor Drives using Advanced Control Techniques	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			205	209	2025
12	Aravind Kumar M.K.; Karthick M.; Kishore S.; Poovarasana R.	Innovative VLSI Design for High- Energy Efficiency Approximate Reverse Carry Save Adders	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			624	629	2025
13	Premkumar M.; Ismail A.M.; Naidu D.J.S.; Sirajunisha Z.; Kiruthika K.; Prasanna A.	On doubt algebraic structures of κ - Q -fuzzy normed rings	AIP Conference Proceedings	3191	1			2025
14	Lande J.; Borra S.R.; Abood B.S.Z.; Dineshkumar P.; Geetha K.	Energy Efficient and Trust Based Multi-hop Routing Using Particle Swarm Induced Tunicate Swarm Optimisation Algorithm in Internet of Things Based Wireless Sensor Networks	Lecture Notes in Electrical Engineering	1270		1	12	2025
15	Rajendran D.; Sangeetha M.; Balasubramanian G.; Sekar K.	Intelli-Helmet for Motorcycles Using Internet Of Things	2025 IEEE 14th International Conference on Communication Systems and Network Technologies, CSNT 2025			1154	1159	2025
16	Kalaivani E.; Nagrajan S.; Thirunavukkarasu T.; Jothibasu L.; Malarkodi K.; Sharmiladevi D.	The Role of Behavioral Finance In Investment Decision-Making Using Machine Learning-Understanding the Psychology Behind Stock Market Trends	2025 International Conference on Automation and Computation, AUTOCOM 2025			69	73	2025
17	Kavin R.; Lingesh N.; Mohammed Sath A.; Sadasivam V.R.	Algorithms for Machine Learning to Predict Childbirth Modes	2025 IEEE 14th International Conference on Communication Systems and Network Technologies, CSNT 2025			47	52	2025
18	Mohanraj M.; Praveen Kumar S.; Ranjith Kumar R.; Vimal Raj M.	Harnessing Naive Bayes for Accurate Classification of Sleep Disorders: A Data-Driven Approach	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			731	735	2025
19	Dharun S.; Bhuvaneshwaran P.S.; Dineshkumar R.; Kaviarasu K.	Deep Learning-Driven Brain Tumor Segmentation from MRI Scans	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1982	1986	2025
20	Saravanan S.; Poornima R.; Samyuktha V.; Sandeep P.	Hardware Intrusion Detection Using FPGA	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			650	656	2025

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21	Santhanam K.; Raja K.; Naveen M.; Saranbala M.; Naveenkumar M.	Influence of Fibre Weight Fraction on the Mechanical Characteristics of the Caryota Urens Fiber Reinforced Polyester Composite	SAE Technical Papers					2025
22	Mukilan T.; Sairam C.M.; Tamilarasan J.; Mohanraj K.C.	Real Time Eavesdropping Attack Detection by Multivariate Correlation Analysis	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			207	211	2025
23	Balaji K.; Ganesh M.S.; Murali D.; Pachaiappan K.; Iyyanar P.; Jayakumar N.	Improvising Early Detection of Diabetes through Deep Learning on Retinal Fundus images	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1092	1098	2025
24	Subitsha R.S.; Vetrivel M.; Shrimaulik N.; Saravanan K.	Natural Language Processing-Driven Learning Platform for Personalized Education	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			174	180	2025
25	Pavithran S.; Praveenraj R.; Vishnupriyan M.K.; Arulmurugan S.	Guiding Autonomous Vehicles in Challenging Weather Using Machine Learning Techniques	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			1169	1173	2025
26	Mohanraj S.; Krishna R.R.; Adams M.S.; Nallusamy C.	Machine Learning for Mental Health Prediction From Social Media Activity	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			1141	1145	2025
27	Subramani V.; Vishnu Kumar S.; Rishikanth S.R.; Poonkuzhali R.	Smart Tunnel Traffic Control System using IoT and Machine Learning	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			345	351	2025
28	Dhakshinamoorthy J.; Viswanathan V.V.; Annadurai Y.; Dhivya V.P.	Parking Reservation and Smart Allocation using IoT	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			427	434	2025
29	Baskar R.; Mohanraj E.; Jaisurya K.; Janani S.; Kesavan M.	Human Evolutionary Optimization Algorithm for Optimal IoT Task Placement in Hybrid Cloud-Fog Networks	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
30	Nathiya N.; Rajan C.; Geetha K.; Dinesh S.; Aruna S.; Brinda B.M.	An Anomaly—Misuse Hybrid System for Efficient Intrusion Detection in Clustered Wireless Sensor Network Using Neural Network	Communications in Computer and Information Science	2174 CCIS		161	175	2025
31	Subramani N.; Sivasankar S.; Saravanan K.; Sakthivel K.	CNN Approach for Live Speech Emotion Detection	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1329	1333	2025

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32	Rusmitha J.; Sri Hari Nivas S.; Srihari G.; Rajasekaran C.	Deep Learning and Computer Vision based Smart Intercom Device for the Deaf and Mute People	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			1227	1232	2025
33	Karthikeyan K.; Aswin Kumar S.; Vignesh A.; Vijay M.	Smart Gesture Interaction Enhancing Accessibility For Visually Impaired Individuals	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			463	467	2025
34	Gowthambalagi M.; Vishnu S.M.; NaveenKumar M.; Raja S.	Enhancing Student Engagement and Performance in Online Classrooms through a Smart Management Application	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1192	1196	2025
35	Venkatesh P.; Rupak S.; Robert K.E.; Shakeel Ahamed E.	Optimizing Market Interventions a Data-Driven Approach to Price Stabilization	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1014	1019	2025
36	Sakthivel K.; Kowsalya A.; Durgadevi M.; Dhaneswar R.C.	Hybrid Deep Learning for Proactive Driver Risk Prediction and Safety Enhancement	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1572	1577	2025
37	Gayathri S.; Chandar A.R.S.; Rithicagash J.; Guna A.	Integrating Fuzzy Approach in Text Mining and Summarization	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			98	102	2025
38	Priya L.R.; Sri Roshan R.K.; Vidharsana G.S.; Saravanan N.P.	AI-Enhanced Eye Tracking for Candidate Assessment in Job Interviews	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			810	815	2025
39	Saravanan D.; Muthuraj M.; Rangasamy P.; Raja S.; Tamizharasan D.	AI-Powered Real-Time Math Equation Editor with Multi-Modal Input for Enhanced Interaction	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1130	1137	2025
40	Sarumathi S.; Bhavatharany E.; Mathinesan P.; Sanjaiy R.	Data Driven Resume Analyzer for Student Career Optimization	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			595	602	2025

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41	Karthik R.; Maha Vishnu S.; Saran R.; Shashidharan S.	Artificial Intelligence for Automated Support in Educational Systems	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			996	1001	2025
42	Visva V.; Thennarasu S.; Babu P.	Revolutionizing Road Safety: Wireless TPMS Innovations for Enhanced Vehicle Security and Efficiency	Lecture Notes in Networks and Systems	1241		347	355	2025
43	Mohanraj E.; Kirubashini V.; Gobika B.; Archana A.M.	Dynamic Color Identification Using Computer Vision: OpenCV with Pandas	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			745	750	2025
44	Vignesh S.; Praveen Kumar G.; Santhosan R.; Sivachandran S.	Sentinel Shield DNS Filtering Reinvented with Threat Intelligence and AI/ML	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1640	1644	2025
45	Kannan M.; Madhavan P.M.; Ravibharathi M.; Jaividhya S.; Sri Vidhya D.	Analysis of Synchrophasor Measurements with Artificial Intelligence Techniques	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1656	1659	2025
46	Tholkappiyan B.; Kaviarasan R.; Parthasarathy T.R.; Dhanapal M.; Gopalakrishnan R.	Improving Power Factor using Deep Learning Algorithms	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1252	1256	2025
47	Karthik R.; Dhanush B.; Jivitesh Kanna S.; Hari Rama Chandran A.	Predictive Health Analysis Using ML for Proactive Risk Detection	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1177	1181	2025
48	Dinesh S.; Logesh S.; Adthiya V.; Balamurugan P.	Fabrication and Early Prediction of ECG Signals Using Machine Learning for Cardiovascular Diseases	Lecture Notes in Networks and Systems	1241		357	366	2025
49	Nakulraj V.; Soundariya N.; Hariprakash V.; Sri Vidhya D.; Mythili Gnanamangai B.; Jaividhya S.	Automated Knee Massager with Oil Infusion	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			401	405	2025
50	Indumathi V.; Gopalakrishnan R.; Vijayakumar C.; Pavithran A.; Kamalesh M.; Balaji M.	A Hybrid Method for Improving SOC Prediction in Lithium-Ion Batteries by Combining EDNN with WOA	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			339	345	2025

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51	Nirmalkumar R.; Elango A.P.; Kalaarasan K.; Vijaya Gowri G.	Electric Vehicle with Enhanced Power Reliability and Integrated Charging Technology	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			59	63	2025
52	Riduvarshini M.; Dharshin S.; Dharani B.; Senthil S.S.R.	Solar Powered RFID Token Operated Mobile Charging System	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			72	76	2025
53	Hemachandran S.; Rossario Reagan K.; Pavithran B.; Gomathi S.	Investigation and Performance Analysis of Thermo Electric Cooling System for Electric Vehicle	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			77	82	2025
54	Raguvaran K.; Gokul A.; Nithish A.; Arunachalam S.	SmartUnify: The Ultimate Universal Remote for TV and Smart Home Control	Lecture Notes in Networks and Systems	1241		439	449	2025
55	Sivakumar A.; Mohan K.; Elango G.; Jayakumar N.	Secured Challan Filling Automation using OCR Technology and Machine Learning	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1380	1385	2025
56	Sujith S.; Dharsan S.; Ramakrishnan N.; Rajavenkatesan T.	IoT Enhanced Dual Battery Pack Management System: Ensuring Safety and Continuous Power in Electric Vehicles	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			330	335	2025
57	Aravinth G.; Gnanaprakash S.; Manikandan M.; Dhivya V.P.	Student Dress Code Monitoring using Machine Learning and Real Time Object Detection	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1951	1957	2025
58	Barath V.; Ms A.; Kamaleshwar V.; Dhivya V.P.M.E.	Vehicle Monitor Using IOT for Memo Book Management	2025 International Conference on Advances in Renewable Energy and Electric Vehicles, AREEV 2025			118	124	2025
59	Sarumathi S.; Gowthaman R.L.; Sabareesh M.B.; Sultana A.	AI-Enhanced HR Interview Simulation for Realistic Candidate Assessment	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025			1089	1095	2025
60	Udhaya T.; Mouliharan M.; Arockia Jegan S.; Akash M.	Liver Disease Prediction Using Novel Ensemble Techniques with Catboost and LightGBM	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1388	1393	2025

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61	Veeraprasanth A.; Sriramnath K.; Suresh P.; Elango M.K.	AI-Driven IoT System for Water Quality Assessment and Leakage Prevention	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			476	481	2025
62	Gayathri S.; Devaraj S.; Muthupandi B.; Vishwaraj S.	Healthcare Data Protection and Biometric Access on Cloud Platforms	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			665	671	2025
63	Rajkumar S.; Gopalakrishnan R.; Janarthanan V.S.; Raagul V.K.; Suman M.	Multi-Granularity Evolutionary Clustering Algorithm for Energy Efficiency in Industrial IoT	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
64	Murugaiyan B.; Senthilkumar B.; Ravi J.; Thilakraj M.	Hands-Free Smart Glass for the Visually Impaired with Real-Time Obstacle Detection and Traffic Light Recognition	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			715	721	2025
65	Ariesh G.K.; Hariharan T.; Kavin S.; Thamarai Selvi S.B.	Deep Learning and Fuzzy Integration for Lung Disease Detection using VGG16	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
66	Abdulkadar S.; Dharun S.; Kirthivashan V.; Janani B.	Enhanced Predictive Modeling for Myocardial Infarction Risk Assessment through Multimodal Data Integration	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1634	1639	2025
67	Malarkhodi S.; Kuralamudhan S.; Nitheeshkumar B.; JaiSurya M.	Generating Authentic Lunar Landscapes: A Deep Learning Approach for Realistic Artificial Moonscapes	Lecture Notes in Networks and Systems	1241		427	437	2025
68	Vignesh S.; Shree Sharmitha Devi K.B.; Libisena P.S.	AI-Powered Students' Collaboration and Evaluator using LDA	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1791	1796	2025
69	Kumar P.V.; Jayanthi R.; Sivaranjani S.; Pradeep S.	Clustering Technique Based on ARSH-FATI for Data Transmission in WSN-IoT Healthcare System	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			346	354	2025

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70	Risman J.; Kesavan M.; Karuppusamy S.; Jayakumar N.; Jayakumar R.	Revolutionizing Alumni Platforms Using Scalable AI and Advanced Hybrid Recommendation Algorithms for Personalized Engagement	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			682	687	2025
71	Nikil Aadithyan A.; Niranjana M.; Rockgowtham N.; Poongodi K.	Loan Prediction Analysis Using Innumerable Machine Learning Algorithms	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025			382	387	2025
72	Hariharan T.; Kanishkar P.; Mohammed Roshan S.; Poongodi K.	Cyberbullying Detection and Prevention for Women's Safety on Social Media	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			972	976	2025
73	Rajkumar S.; Gopalakrishnan R.; Shreeraksha T.S.; Dhanaraj S.; Kabiashwanth V.	Sampling-Based Density Peaks Clustering for Energy-Aware Industrial IoT Networks	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
74	Manimaran P.; Vignesh R.; Vignesh B.; Thilak G.	Enhanced Prediction of Lung Cancer Stages using SVM and Medical Imaging	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1334	1338	2025
75	Mahesh Kumar S.; Elangovan R.; Goutham K.R.; Jayamani S.	AI-Powered Face Sketching for Criminal Identification	Lecture Notes in Networks and Systems	1241		415	425	2025
76	Akash G.; Gopinath S.; Mohamed Zachariah S.M.; Mithuna S.	Personalized Recommendations System for Mental Health Support using NLP	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1055	1062	2025
77	Abisheckraj M.; Sripriya S.; Chittesh S.P.; Kamalesh M.; Nadish D.	CRITIQUESHIELD: Fake Review Detection	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			919	924	2025
78	Srinivasan D.K.; Dibakaran K.; Praveen R.K.; Sripriya S.	Unmasking Fakes: A Machine Learning and Blockchain Solution	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			938	943	2025
79	Bharanishree K.; Dinesh K.; Jayashri M.; Mugilan D.	Automated Poultry Farming using Internet of Things and Machine Learning	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			492	496	2025

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80	Ragavan T.S.; Soundar S.; Sowmiya P.; Malarkhodi S.	IoT System for Nutrient Balancing and Toxicity Prevention in Crop Growth	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			558	563	2025
81	Shanmugapriya P.; Balasubramanie P.; Dhivyaa C.R.; Senthil Raja D.; Dhivya P.	Stress Prediction of Working Employees in Different Environments using Machine Learning Techniques	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1409	1414	2025
82	Abishek K.S.; Deepak D.; Babu R.D.; Keerthana S.	An IoT-based Smart Waste Disposal and Credibin Rewards System for Sustainable Campus Waste Management	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			674	679	2025
83	Sakthivel S.; Selvakumar R.; Srinithi E.; Poornakumar D.	Efficient VLSI Architecture for Image Processing Using Distributed Arithmetic Method: A Memory-Optimized Approach	Lecture Notes in Networks and Systems	1241		405	413	2025
84	Udhaya T.; Joseph Donal D.; Dhanush R.; Jithender S.	Enhancing Home Security with Deep Learning-Based Smart Monitoring Using CNN and ResNet-50 for Danger Identification	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1008	1013	2025
85	Kanishka R.; Saravanan V.; Dinesh S.; Rajasekaran N.	IoT based Fish Farming Management	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025			705	710	2025