



SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES (SITAMS)

(UGC - AUTONOMOUS INSTITUTION & ACCREDITED BY NBA
FOR CSE, ECE, EEE & MCA)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)
Dr. D.K. Audikesavulu Marg (Bangalore-Tirupati Bye-pass Road),
Murukambattu Post, CHITTOOR – 517 127, A.P.

Faculty Members Publications 2024-25

List of Journal Publication

S.No	Name of the faculty & Designation	Department	Title of the paper	Journal Name	Issue No.	Vol No.	Month and year	SCI/ SCOPUS/ WOS/ Peer reviewed journal
1.	Dr. Bright Anand. D Associate Professor	CSE	An intelligent leaf disease prediction for corn and maize using Convolutional neural network	International journal of computing and Digital Systems	1	17	2025	SCOPUS
2.	Dr. Bright Anand.D Associate Professor	CSE	A Novel Machine Learning based Stroke Prediction System using Magnetic Resonance Imaging and Adaptive New Fuzzy Interface System	International journal of Intelligent Systems and Applications in Engineering	10	12	2025	SCOPUS
3.	Dr. Bright Anand.D Associate Professor	CSE	Artificial intelligence driven kidney stone detection using DIP and Convolutional neural network	International journal of research publication and results	4	6	Apr 2025	SCOPUS
4.	Dr. Bright Anand.D Associate Professor	CSE	Detecting online recruitment fraud through deep learning using hybrid neural networks	International journal of creative research thoughts	13	4	Apr 2025	SCOPUS
5.	Dr.T.Senthil Associate Professor	CSE	A DEEP LEARNING SYSTEM FOR DETECTING DIABETIC RETINOPATHY(DR)	Journal of Emerging Technologies and Innovative Research (JETIR)	3	12	2025	SCOPUS
6.	Dr.T.Senthil Associate Professor	CSE	DEEP LEARNING CONVOLUTIONAL NETS FOR PADDY LEAF DISEASE DETECTION AND CLASSIFICATION	Journal of Environmental Protection and Ecology	2	26	2025	SCOPUS

7.	Dr.T.Senthil Associate Professor	CSE	Neurospectrum Deep Learning Architecture for Automated Spectrum Analysis Resource optimization	Indexed by IEEE Xplore	-	-	2025	SCOPUS
8.	Prof. N. Sambasivarao	CSE	Cyber-Physical Systems and Their Impact on Modern Engineering Management Practices	Journal of information Systems Engineering and Management			2024,	
9.	Mr. P. Praveen	CSE	Trash and recycled material identification using Convolutional Neural Networks	International Journal of Science and Research Archive			March 2025,	
10.	Dr. U. Balakrishna Professor	S&H	Exact Lexicographic Scheduling for sales force optimization with facility constraints	Journal of Neonatal Surgery	15	14	April 2025	Scopus
11.	Dr. H. Umamaheswari Professor	S&H	Improving Room Tmperature Formaldehyde Sensitivity with Samarium Doped Titanium Dioxide	ECS Journal of solid-state science and technology	14	1	January, 2025	Scopus
12.	Dr. H. Umamaheswari Professor	S&H	Zn-Modified TiO ₂ Thin Films for Real Time Formaldehyde sensing at Room Temperature	ECS Journal of solid-state science and technology	13	07	Novemb er 2024	Scopus
13.	Dr. H. Umamaheswari	S&H	Enhancing Structural Integrity, Optical Properties, and Room Temperature Formaldehyde Sensing Through Optimized Spray Deposition Rates	ECS Sensors Plus			2024,	Scopus
14.	Dr. U. Balakrishna Professor	S&H	Multi Constrained Unbalanced Assignment Problem: Lexi-Search Algorithm using Pattern Recognition Technique	Nanotechnology Perceptions	20	7	Nov, 2024,	Scopus
15.	Dr. P Madhu Mohan Reddy Associate Professor	S&H	Higher Dimensional P-Path Route Minimum Distance Supply to the Destinations from the Central Station	Journal of Neonatal Surgery	14	29s	June 2025	Scopus
16.	Dr.V.Maheswari	EEE	Advanced LSTM-Based Time Series Forecasting for Enhanced Energy Consumption Management in Electric Power Systems	International Journal of Renewable Energy Research	No 1	Vol 14,	March 2024	WOS
17.	Dr.P.Sudheer	EEE	Advancements In Inverter Technologies For Photovoltaic Systems: A Comprehensive Review	CUESTIONES DE FISIOTERAPIA	3	54	2025	SCOPUS

18.	Dr. P. Sudheer	EEE	Analyzing Fault Detection Mechanisms In Photovoltaic Systems: A Review Of Current Technologies	J. Electrical Systems	4135-4144	20-11s	2024	SCOPUS
19.	Dr. S. Selvaganapathi	EEE	Analysis of PMDC and Synchronous RM on Electric Motorcycle	African Journal of biomedical research			2024	SCOPUS ISSN: 2663-2187
20.	Dr M Saravanan	ECE	A Novel Architecture of Area and Power Efficient Kogge Stone adder using GDI Logic	Journal of Emerging Technologies and Innovative Research	07	11	July 2024	
21.	Dr M Saravanan	ECE	Area Efficient Vedic Multiplier based on Homogenous Hybrid adder for RISC V applications	Journal of Emerging Technologies and Innovative Research	07	11	July 2024	
22.	Dr M Saravanan	ECE	Implementation of Segmentation based Efficient Imprecise Multipliers with MUX based full adders	Journal of Emerging Technologies and Innovative Research	07	11	July 2024	
23.	Dr. C. Kavitha	ECE	Skin Cancer Detection and Classification using Deep Learning Techniques	Procedia Computer Science		235	May 2024	
24.	Dr. S. Sugumaran	ECE	Krill Herd and Feed Forward Optimization System based routing protocol for IoT-MANET Environment	Journal of Interconnection Network	04	24	Nov 2024	
25.	Dr. S. Sugumaran	ECE	High capacity performance signature of micro optical mechanical system switches based fiber Bragg grating scheme implementation in optical WDM data routed center networks	Journal of optial Communication			Nov 2025	

26.	Dr. J. Prabin Jose	ECE	Seizure detection in EEG signal using Gaussian stockwell transform and Hermite polynomial features	Elsevier Results in Engineering			2024,	
27.	Dr.R.Saraswathi	MCA	Enhanced Cardiovascular Monitoring Using Radial Basis Function and Deep Belief Network Fusion	Angiotherapy	1-10		June 2024	
28.	R. Padmaja	MCA	Fed-DPSDG-WGAN: Differentially Private Synthetic Data Generation for Loan Default Prediction via Federated Wasserstein GAN	IEEE Access		13	March 2025	
29.	Dr. C. jyoshna	MBA	Chapter 2: Navigating Ethical Leashership: Mitigating Employee cynicism and Enhancing Organizational Integrity in Tech-Driven sectors	2025 IGI Global Scientific Publishing				
30.	Dr. K. Sudarsan	MBA	Predicting the performance of financial Institutions using Machine learning and Deplearning Techniques	2024, International Journal of Research and Analytical Reviews				
31.	Dr. Munipraveena Rela,	CSE(AI)	Detection of Lung Cancer Using Histopathology Based on CNN	Ijrasnet Journal For Research in Applied Science and Engineering Technology,	IJRASE T6869 1	232 1-965 3	025-04-11	
32.	Prof. M. E. Palanivel	CSE(AI)	Detection of Lung Cancer Using Histopathology Based on CNN	Ijrasnet Journal For Research in Applied Science and Engineering Technology,	IJRASE T6869 1	232 1-965 3	025-04-11	
33.	L. Vijaya Kumar	CSE(AI)	An Early Prediction of Cardiovascular Stroke using Machine Learning Techniques	International Journal For Multidisciplinary Research, ISSUE 3, VOLUME 7, 2025-05-08	ISSUE 3	VOLUME 7	2025-05-08	

34.	Prof. M. E.Palanivel	CSE(AI)	An Early Prediction of Cardiovascular Stroke using Machine Learning Techniques	International Journal For Multidisciplinary Research, ISSUE 3, VOLUME 7, 2025-05-08	ISSUE 3	VOLUME 7	2025-05-08	
35.	L.Vijaya kumar,	CSE(AI)	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	IJIRT, Issue 12, Volume 11, May 2025	11 Issue 12	Volume 11	May 2025	
36.	Prof.M.E.Palanivel	CSE(AI)	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	IJIRT, Issue 12, Volume 11, May 2025	11 Issue 12	Volume 11	May 2025	
37.	D Haritha,	CSE(AI)	ENHANCED IRIS IMAGE SEGMENTATION AND CLASSIFICATION USING DEEP LEARNING	International Research Journal of Modernization in Engineering Technology and Science, Issue:05, Volume:07, May-2025	Issue: 05	Volume: 07	May-2025	
38.	M.E. Palanivel	CSE(AI)	ENHANCED IRIS IMAGE SEGMENTATION AND CLASSIFICATION USING DEEP LEARNING	International Research Journal of Modernization in Engineering Technology and Science, Issue:05, Volume:07, May-2025	Issue: 05	Volume: 07	May-2025	
39.	M Deepika,	CSE(AI)	ALERT WHEEL - DRIVER DROWSINESS DETECTION USING COMPUTER VISION	International Research Journal of Modernization in Engineering Technology and Science, Issue:06, Volume:07, June-2025	Issue: 06	Volume: 07	June-2025	
40.	M.E. Palanivel	CSE(AI)	ALERT WHEEL - DRIVER DROWSINESS DETECTION USING COMPUTER VISION	International Research Journal of Modernization in Engineering Technology and Science, Issue:06, Volume:07, June-2025	Issue: 06	Volume: 07	June-2025	

41.	M Deepika,	CSE(AI)	ANALYZING LEAF NUTRITION AND DISEASE BY USING DEEP LEARNING	Ijcrt, Issue5, Volume 13, May 2025	Issue5	Volume 13	May 2025	
42.	M.E. Palanivel	CSE(AI)	ANALYZING LEAF NUTRITION AND DISEASE BY USING DEEP LEARNING	Ijcrt, Issue5, Volume 13, May 2025	Issue5	Volume 13	May 2025	
43.	M Deepika,	CSE(AI)	INTEGRATING NATURAL LANGUAGE PROCESSING IN AI-POWERED PERSONALIZED VIRTUAL ASSISTANT	IJRTI, Issue5, Volume 10, May 2025	Issue5	Volume 10	May 2025	
44.	M.E. Palanivel	CSE(AI)	INTEGRATING NATURAL LANGUAGE PROCESSING IN AI-POWERED PERSONALIZED VIRTUAL ASSISTANT	IJRTI, Issue5, Volume 10, May 2025	Issue5	Volume 10	May 2025	
45.	Mr.R.Satheesh	ME	IOT Enabled Battery Management System for Electric vehicles with Charge Monitoring and Fire Safety Features	Industrial Engineering Journal	5	54	May 2025	UGC care
46.	Mrs.K.Santhosh priya	ME	IOT Enabled Battery Management System for Electric vehicles with Charge Monitoring and Fire Safety Features	Industrial Engineering Journal	5	54	May 2025	UGC care
47.	Dr.N.Sathish Kumar	ME	IOT Enabled Battery Management System for Electric vehicles with Charge Monitoring and Fire Safety Features	Industrial Engineering Journal	5	54	May 2025	UGC care
48.	Mrs.K.Santhosh priya	ME	Real time drowsiness and Attention Detection System for Drivers using Eye Aspect Ratio(EAR) Analysis with Alarm Mechanism.	Journal of Non linear Analysis and Optimization Theory and Applications	01	16	May 2025	UGC care

49.	Mr.R.Satheesh	ME	Real time drowsiness and Attention Detection System for Drivers using Eye Aspect Ratio(EAR) Analysis with Alarm Mechanism.	Journal of Non linear Analysis and Optimization Theory and Applications	01	16	May 2025	UGC care
50.	Dr.N.Sathish Kumar	ME	Real time drowsiness and Attention Detection System for Drivers using Eye Aspect Ratio(EAR) Analysis with Alarm Mechanism.	Journal of Non linear Analysis and Optimization Theory and Applications	01	16	May 2025	UGC care
51.	Mrs.K.SUMALATHA	CIVIL	THE BEHAVIOR OF R.C.C HIGH RISE BUILDINGS,UNDER EARTHQUAKE LOAD BY ADOPTING LINEAR DYNAMIC ANALYSIS	International journal of scientific Engineering and technology Research, ISSN2319-8885.	issue No.31	05	October	
52.	S. Vijaya Kumar	CSE(AI ML)	A Novel Architecture of Area and Power Efficient Kogge Stone Adder Using GDI Logic	Journal Emerging Technologies And Innovative Research	2349-5162		Jul-24	UGC
53.	S. Vijaya Kumar	CSE(AI ML)	Implementation Of Segmentation Based Efficient Imprecise Multipliers With Mux Based Full Address	Journal Emerging Technologies And Innovative Research	2349-5162		Jul-24	UGC
54.	S. Vijaya Kumar	CSE(AI ML)	Area Efficient Vedic Multiplier Based on Homogenous Hybrid Adder For RISC V Applications	Journal Emerging Technologies And Innovative Research	2349-5162		Jul-24	UGC
55.	D BHARATHI	CSE(AI ML)	A PERFORMANCE COMPARISON OF MACHINE LEARNING ALGORITHMS FOR LOAD FORECASTING IN SMART GRID	IJRASET	2321-9653		Apr-25	UGC
56.	Subrata Chowdhury	CSE(AI ML)	Students' Activeness Measure in Moodle Learning Management System Using Machine Learning	Journal of Applied Engineering and Technological Science (JAETS) 6(1):744-753			12-05-2024	Scopus
57.	Subrata Chowdhury	CSE(AI ML)	Revolutionizing healthcare: a comparative insight into deep learning's role in medical imaging	Scientific Report			13-08-2024	SCI

58.	Subrata Chowdhury	CSE(AIML)	Integrating deep learning techniques for effective river water quality monitoring and management	Elsevier			12-07-2034	sci
59.	A.SRINIVASAN	CSE(DS)	An Evaluation of the CNN-LSTM Model's Efficacy in Sentiment 5 Analysis Using the Bert and Attendance Mechanisms	International Research Journal of Multidisciplinary Scope (IRJMS), 2024	2582-631X		2024 April	Scopus
60.	A.SRINIVASAN	CSE(DS)	Enhancing Anomaly Detection in Pedestrian Walkways using Improved Sparrow Search Algorithm with Parallel Features Fusion Model	Fusion: Practice and Application	2770-0070		2024 January	Scopus
61.	S .MANOHAR	CSE(DS)	Machine Learning-Based Security Enhancement in Heterogeneous Networks Using an Effective Pattern Mining Framework	ijisae	2147-6799		30-08-2023	Scopus
62.	S .MANOHAR	CSE(DS)	Class imbalance data handling with optimal deep learning-based intrusion detection in IoT environment	Softcomputing	1432-7643		02-05-2024	SCI
63.	S .MANOHAR	CSE(DS)	Intrusion Detection and Prevention System (IDPS) Model for IIoT Environments Using Hybridized Framework	IEEE Access	2169-3536		02-02-2025	SCI

List of Conference Presentations

S.No	Name of the faculty	Department	Title of the paper	Conference Name	Organized by College name	Month and year
1	Dr. Bright Anand.D	CSE	Classification and prediction of DDoS attacks using machine learning Algorithms	4 th international conference on engineering science technology and management		Jan 2024
2	Dr. Bright Anand.D	CSE	Use of machine learning techniques for real-time colour detection	4 th international conference on engineering science technology and management		Jan 2024
3	Dr.T.Senthil	CSE	Neurospectrum Deep Learning Architecture for Automated Spectrum Analysis Resource optimization	IEEE Xplore	H.K.E. Society's Sir M Visvesvaraya College of	2025

					Engineering, Raichur	
4	Dr.T.Senthil	CSE	Data Exploration in IoT and Edge Environments A Lightweight Deep Learning Model for Botnet Attack Detection	Springer conference	Manipal Institute of Technology	2025
5	Dr.T.Senthil	CSE	Efficient three operand adder design with carry prefix logic for reduced delay	Springer conference	E.G.S.Pillay Engineering college	2025
6	Dr.V.Maheswari	EEE	REAL TIME CONTROL STRATEGY FOR POWER FACTOR CORRECTION IN BOOST TYPE DC-DC CONVERSION SYSTEM	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
7	Dr.V.Maheswari	EEE	DESIGN AND IMPLEMENTATION OF A SUPER LIFT-LUO CONVERTER FOR POWER FACTOR IMPROVEMENT	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
8	Dr.V.Maheswari	EEE	SMART TEMPERATURE-DEPENDENT COOLING OF SOLAR PANEL USING ARDUINO	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
9	Dr.P.Sudheer	EEE	DESIGN AND IMPLEMENTATION OF CONTROLLER BOARDS TO MONITOR AND CONTROL HOME APPLIANCES FOR FUTURE SMART HOMES	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
10	Dr.P.Sudheer	EEE	SIMULATION AND FAULT DETECTION TECHNIQUES FOR MULTI LEVEL	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025

			INVERTERS USED IN SMART GRIDS			
11	Ramesh.R.halakurki	EEE	IOT BASED ELECTRICAL VEHICLE BATTERY MANAGEMENT SYSTEM	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
12	Dr.S.Selvaganapathi	EEE	LOAD BALANCING USING LOAD SHARING TECHNIQUE IN DISTRIBUTION SYSTEM	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
13	Mr.H.Balamurugan	EEE	SMART TEMPERATURE-DEPENDENT COOLING OF SOLAR PANEL USING ARDUINO	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
14	Ms.P.Roja	EEE	IOT BASED VEHICLE SURVEILLANCE AND CRASH DETECTION SYSTEM	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
15	Mrs.B.K.Shalini	EEE	A HIGH-EFFICIENCY ADAPTIVE ALGORITHM FOR POWER FACTOR CORRECTION USING KY CONVERTER	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
16	Dr M Saravanan	ECE	Crop Health Identification Related Services	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
17	P C Bharath Kumar	ECE	VLSI Design for AES Cryptography: Optimizing Encryption for Text And Image Data with Pipelined Architecture.	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025

18	Mr C Poornachandra	ECE	Advancing Workplace Safety with IOT Enabled Industrial Monitoring	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
19	Dr.C.Kavitha	ECE	Image Dehazing Using Gman Algorithm	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
20	Mr. K.M.Hemambaran	ECE	Quantum Modular Multiplier Using QCLA	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
21	Mr. S Ashmad	ECE	IOT Based Vehicle Tracking System and Theft Identification	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
22	Dr.Y.J.Nazeer Ahmed	ECE	Design And Study of A Microstrip Patch Antenna for GPS Application	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
23	Ms.R.Anitha.	ECE	Low-Power Sensing Latch Design With Tri-State Operation For Improved Read Precision	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
24	Ms.M. Padma	ECE	An IOT -Driver Solution For Women's Safety With Vital Sign Monitoring and Alerts	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
25	Mrs.V.G.Hamsaveni	ECE	Differntiating Real And Synthetic Online Image	4 th International Conference On Advances And Innovation	SITAMS, Chittoor	25.04.2025

			Using Artificial Intelligence	In Engineering And Sciences: ICAIES-2025		
26	S.P.Sasirekha	ECE	Image Caption Generator Using Deep Learning	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
27	K Naveena	ECE	Paddy Leaf Disease Detection Using Deep Learning	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
28	Dr. S. Sugumaran	ECE	A New Method for Automatic Vehicle License Plate Detection	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
29	SP.Sasirekha	ECE	Satellite Based Landslide Prediction Using Convolutional Neural Network and Image Processing	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
30	S Narendra Kumar	ECE	Real Time Stress Monitoring for Smart Factory Workers	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
31	Mr. S. Narendra Kumar	ECE	Integrated Fog-Cloud Computing for Optimized SHM in Smart Infrastructure	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
32	Geethanjali	ECE	Real-Time Fault Diagnosis Of Photovoltaic Modules Using CNN Algorithm	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
33	Mr. S Ashmad	ECE	Advanced Underwater Image Restoration:	4 th International Conference On Advances And Innovation	SITAMS, Chittoor	25.04.2025

			Leveraging Variational Frameworks And Enhancement Techniques for Optimal Clarity	In Engineering And Sciences: ICAIES-2025		
34	Dr S Sugumaran	ECE	Machine Learning Driven Smart Quality Inspection for Manufacturing	4th International conference on signal and data processing (ICSDP-2024)		
35	Dr S Sugumaran	ECE	Decoding cardiovascular risk: A light GBM approach to approach Critical health factor	3rd International Conference on Electronics and Renewable Systems ICEARS 2025		Feb 2025
36	Dr. Muni Praveena Rela	CSE(AI)	PREDICTING THE STAGES OF DEMENTIA USING OASIS DATASET ON MOBILENET	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
37	Dr. Muni Praveena Rela	CSE(AI)	DETECTION OF LUNG CANCER USING HISTOPATHOLOGY BASED ON CNN	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
38	L. Vijaya kumar	CSE(AI)	AN EARLY PREDICTION OF CARDIOVASCULAR STROKE USING MACHINE LEARNING TECHNIQUES	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
39	L. Vijaya kumar	CSE(AI)	PREDICTING SUBSTANCE CONSUMPTION PATTERNS USING BEHAVIORAL ANALYTICS AND DEMOGRAPHIC DETAILS	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025

40	L. Vijaya kumar	CSE(AI)	BRAIN HEMMORHAGE DETECTION USING DEEP LEARNING	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
41	D. Haritha	CSE(AI)	ENCHANCED IRIS IMAGE SEGMENTATION AND CLASSIFICATION USING DEEP LEARNING	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
42	D. Haritha	CSE(AI)	A WEB – BASED CNN MODEL FOR RETINAL DIABETES SCREENING	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
43	D. Haritha,	CSE(AI)	DEEP LEARNING FOR EARLY DETECTION OF SKIN CANCER IN DERMATOLOGY IMAGES	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
44	M. Deepika,	CSE(AI)	ALERTWHEEL- ENCHANCING DRIVER DROWSINESS DETECTION USING COMPUTER VISION	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
45	M. Deepika,	CSE(AI)	ANALYZING LEAF NUTRITION AND DISEASE BY USING DEEP LEARNING	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
46	M. Deepika,	CSE(AI)	INTEGRATING NATURAL LANGUAGE PROCESSING IN AI-POWERED PERSONALIZED VIRTUAL ASSISTANT	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
47	Dr.N. Venkatachalapathi	ME	DEVELOPMENT AND EVALUATION OF THE MICRO-ARC OXIDATION PROCESS FOR SURFACE	4 th International Conference On Advances And Innovation	SITAMS, Chittoor	25.04.2025

			ENGINEERING OF ALUMINIUM WIRES	In Engineering And Sciences: ICAIES-2025		
48	Mr.D. Raju	ME	DEVELOPMENT AND EVALUATION OF THE MICRO-ARC OXIDATION PROCESS FOR SURFACE ENGINEERING OF ALUMINIUM WIRES	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
49	DrN. Sathish Kumar	ME	DEVELOPMENT AND EVALUATION OF THE MICRO-ARC OXIDATION PROCESS FOR SURFACE ENGINEERING OF ALUMINIUM WIRES	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
50	Mr.G. Ganga Raju	ME	DESIGN AND FABRICATION OF A FOUR-WHEEL ELECTRIC VEHICLE	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
51	DrN. Sathish Kumar	ME	DESIGN AND FABRICATION OF A FOUR-WHEEL ELECTRIC VEHICLE	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
52	Dr.N. Venkatachalapathi	ME	DESIGN AND FABRICATION OF A FOUR-WHEEL ELECTRIC VEHICLE	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
53	Mr.K. Narasimhulu	ME	PRODUCTION OF BIODIESEL FROM DATE SEEDS	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
54	DrN. Sathish Kumar	ME	PRODUCTION OF BIODIESEL FROM DATE SEEDS	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025

55	Dr.N. Venkatachalapathi	ME	PRODUCTION OF BIODIESEL FROM DATE SEEDS	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
56	Mr.M. Yugandhar	ME	BATTERY POWRED FUTURE: CONVERTING SI ENGINE TO ELECTRIC VEHICLE	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
57	DrN. Sathish Kumar	ME	BATTERY POWRED FUTURE: CONVERTING SI ENGINE TO ELECTRIC VEHICLE	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
58	Dr.N. Venkatachalapathi	ME	BATTERY POWRED FUTURE: CONVERTING SI ENGINE TO ELECTRIC VEHICLE	4 th International Conference On Advances And Innovation In Engineering And Sciences: ICAIES-2025	SITAMS, Chittoor	25.04.2025
59	Dr. U Balakrishna	S&H	<i>An exact algorithm for three dimensional time minimizing assignment problem</i>	A two day National level conference on circular economy and AI for sustainable future	JAIN(Deemed- to-be University)	December 2025
60	Dr. R Kodandan	S&H	<i>Dq- Metric stabilities of quadratic deference and ad-joint functional equations</i>	5 th National virtual conference on recent advances in technology & engineering	Vemu Institute of Technology	February 2025
61	Dr. U Balakrishna	S&H	<i>Scheduling for sales force optimization: Lexi search method</i>	4 th International conference on advances and innovations in engineering and sciences	SITAMS	April,2025
62	Dr. H. Umamaheswari	S&H	<i>Gd-Doped TiO2 Nanostructures for High- Performance Ethanol Gas Sensing</i>	3 rd International conference on Multifunctional Materials	Geethanjali college of engineering and Technology	December,2024
63	Dr. P Madhu Mohan Reddy	S&H	<i>Higher Dimensional P- path route minimum cost supply to the Head</i>	4 th International conference on advances and innovations in engineering and sciences	SITAMS	April,2025

			<i>Quarter from the source stations</i>			
64	Dr. P Madhu Mohan Reddy	S&H	<i>Scheduling for sales force optimization: Lexi search method</i>	4 th International conference on advances and innovations in engineering and sciences	SITAMS	April,2025
65	Dr. P Madhu Mohan Reddy	S&H	<i>Higher Dimensional P-path route minimum distance supply to the destinations from the central station</i>	5 th National virtual conference on recent advances in technology & engineering	Vemu Institute of Technology	February 2025
66	Mrs.K.SUMALATHA	CIVIL	AN EXPERIMENTAL STUDY ON SLAG BASED CONCRETE MADE WITH ,PARTIAL REPLACEMENT OF CEMENT BY USING GRANITE POWDER	4 th International conference on advances and innovations in engineering and sciences	SITAMS	April,2025
67	Mrs.K.SUMALATHA	CIVIL	EXPERIMENTAL INVESTIGATION ON EFFECT OF PARTIAL REPLACEMENT OF COARSE AGGREGATE BY USING KADAPPA STONE ON DIFFERENT GRADES OF CONCRETE	4 th International conference on advances and innovations in engineering and sciences	SITAMS	April,2025
68	Mr.U.ANAND ANIL	CIVIL	EXPERIMENTAL INVESTIGATION ON STABILIZATION OF BLACK COTTON SOIL USING PLASTIC	4 th International conference on advances and innovations in engineering and sciences	SITAMS	April,2025
69	Mr.U.ANAND ANIL	CIVIL	TO STUDY ON HUMAN HAIR FIBER REINFORCED CONCRETE WITH PARTIAL REPLACEMENT OF CEMENT	4 th International conference on advances and innovations in engineering and sciences	SITAMS	April,2025

			BY PALM SEED ASH			
70	S. Vijaya Kumar	CSE(AIML)	Personalized Weather Health Assistant : AI powered Weather Based Health Advisory System	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
71	S. Vijaya Kumar	CSE(AIML)	Optical Character Recognition	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
72	S. Vijaya Kumar	CSE(AIML)	Safescreen parental control with emergency access for children mobile devices	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
73	S. Vijaya Kumar	CSE(AIML)	Deep Analysis of Autism Spectrum Disorder Detection Techniques	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
74	Rajinikanth .V	CSE(AIML)	Deep Fake Audio Authentication Using Advanced Feature Extraction and Machine learning	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
75	Rajinikanth .V	CSE(AIML)	Emotion Detection Using TEXT	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
76	Rajinikanth .V	CSE(AIML)	DNS filtering Service Using Threat Intelligence Feeds and AIML Techniques	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
77	Rajinikanth .V	CSE(AIML)	Explainable Data Driven Digital Twins for	4 th International Conference On Advances And Innovation	SITAMS	MAY 2025

			Predicting Battery States in Electric Vehicles	In Engineering And Sciences: Icaies-2025		
78	Subrata Chowdhury	CSE(AI ML)	AI based Speech Recognition model	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
79	Subrata Chowdhury	CSE(AI ML)	X-AI Enabled Hybrid Approach for Detection of Cyber Terrorism	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
80	Subrata Chowdhury	CSE(AI ML)	Machine Learning Based Analysis of Crypto Currency Market Financial Risk Management	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
81	Vimala D	CSE(AI ML)	Design and implementation of Decentralized Voting System using Volta Block Chain	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
82	Vimala D	CSE(AI ML)	Skin Cancer Detection Using Image Processing and AI	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
83	Madhavan .M	CSE(AI ML)	Stress Detection for IT Professional Using Image Processing and Machine Learning	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
84	Madhavan .M	CSE(AI ML)	Web Based CKD Diagnosis Using Machine Learning	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025

85	Madhavan .M	CSE(AI ML)	Crop-Connect A Web-Based Platform for Revolutionizing Agricultural Trade	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
86	Madhavan .M	CSE(AI ML)	The Brain Stroke Disease Prediction Using Deep Learning Techniques	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
87	V. Ragubathy	CSE(AI ML)	Smart Healthcare Machine Learning For PCOS Detection & Prediction	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
88	V. Ragubathy	CSE(AI ML)	Prediction and Classification of Lung cancer with machine learning algorithms	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
89	V. Ragubathy	CSE(AI ML)	Disease Prediction Using Machine Learning	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
90	D. Gowtham	CSE(AI ML)	Real-Time Hand Gesture Recognition for Sign Language Interpretation using CNN	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
91	D. Gowtham	CSE(AI ML)	Smart Policing with Large language Models: Enhancing Crime Prediction Through AI Techniques	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
92	D. Gowtham	CSE(AI ML)	Image Intel-Transforming Crowd Density Estimation with AI	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025

93	D. Gowtham	CSE(AI ML)	Stock Market Price Forecasting using Using LSTM and Gated recurrent unit network	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
94	D Bharathi	CSE(AI ML)	A Review on the Evaluation of Feature Selection Using Machine Learning for Cyber Attack Detection in Smart Grid	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
95	D Bharathi	CSE(AI ML)	Real time detection of diabetic eye disorders using deep learning	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
96	D Bharathi	CSE(AI ML)	Prediction of Cardiovascular diseases with Retinal Images using Deep learning	4 th International Conference On Advances And Innovation In Engineering And Sciences: Icaies-2025	SITAMS	MAY 2025
97	D. Gowtham	CSE(AI ML)	Stock Market Price Forecasting using Using LSTM and Gated recurrent unit network	1 th International Conference On Emerging Trends In Engineering Technology and Management ICETM2K25	VISVAM ENGINEERING COLLEGE	APRIL 2025
98	Subrata Chowdhury	CSE(AI ML)	auto text using nlp	ieee	ieee	01-02-2025
99	A.SRINIVASAN	CSE(DS)	Predicting Cyber-Attacks Through the Use of Deep Learning Algorithms	2024 5th International Conference on innovative trends in information technology		15-16th March 2024, Kottayam
100	A.SRINIVASAN	CSE(DS)	Students Attendance Management System	3rd International Conference on Advances and Innovations in engineering and Sciences	SITAMS	24-25th May 2024 , SITAMS
101	A.SRINIVASAN	CSE(DS)	Emotion Based Movie recommendation System	3rd International Conference on Advances and Innovations in engineering and Sciences	SITAMS	24-25th May 2024 , SITAMS
102	S.MANO HAR	CSE(DS)	cricket win predictor using machine learning concepts - IPL Edition	3rd International Conference on Advances and Innovations in engineering and Sciences	SITAMS	25-05-2024

103	S.MANO HAR	CSE(DS)	Craft conversion with AI using ML	3rd International Conference on Advances and Innovations in engineering and Sciences	SITAMS	25-05-2024
104	S.MANO HAR	CSE(DS)	Online interview management system using full stack development	3rd International Conference on Advances and Innovations in engineering and Sciences	SITAMS	25-05-2024
105	R.RAMYA	CSE(DS)	pre examination of breast cancer dataset using EDA	Computational intelligence & Computing applications	SITAMS	23 & 24 May 2024
106	G.YUVARAJU	CSE(DS)	Passport Guard: Advanced passport verification system deep learning	3rd International Conference On Advances And Innovations Engineering And Sciences	SITAMS	25-05-2024
107	G.YUVARAJU	CSE(DS)	Pupil pulse: tracking heart rate variability with pupillary responses on mobile devices	3rd International Conference On Advances And Innovations Engineering And Sciences	SITAMS	25-05-2024
108	G.YUVARAJU	CSE(DS)	Biometric voting system	3rd International Conference On Advances And Innovations Engineering And Sciences	SITAMS	25-05-2024
109	G.YUVARAJU	CSE(DS)	Medicine Search Engine	3rd International Conference On Advances And Innovations Engineering And Sciences	SITAMS	25-05-2024
110	G.YUVARAJU	CSE(DS)	Fake logo detection with image processing	3rd International Conference On Advances And Innovations Engineering And Sciences	SITAMS	25-05-2024
111	G.YUVARAJU	CSE(DS)	Election voting survey using Web Application	3rd International Conference On Advances And Innovations Engineering And Sciences	SITAMS	25-05-2024

Patents:

S.No	Name of the Faculty	Department	Patent Title	Patent No.	Grant/ Publication	Month & Year	Patent Name (Country)
1.	Dr. R Kodandan	S&H	An analysis of mathematical modelling in human population dynamics	20241106973 2A	Publication	October 2024	Intellectual Property (India)

2.	Dr. P Madhu Mohan Reddy	S&H	Biosensor Based Design for Detection of Cancer Cells, Intellectual Property India	454535-001	Publication	April,2025	Intellectual Property (India)
3.	Dr. P Madhu Mohan Reddy	S&H	Symbolic-AI Hybrid System for Solving Complex Math Problems	20254104544 1 A	Publication	May,2025	Intellectual Property (India)
4.	Dr.S.Selvaganapathi	EEE	EMERGENCY SHUTDOWN OF WIND TURBINES UNDER CERTAIN CONDITIONS WITHOUT AFFECTING GRID USING IOT	20244108656 9	15/11/2024	Published	India
5.	Dr. S. Sugumaran	ECE	AI BASED NETWORK INTRUSION DETECTING DEVICE		29.08.2024	Granted	
6.	Dr. Munipraveena Rela	CSE(AI)	AI BASED HOUSE INTRUSION DETECTION DEVICE	6413306	04 January 2025	Granted	UK Design
7.	Dr. Munipraveena Rela	CSE(AI)	"A SOLAR-POWERED WATER PURIFICATION SYSTEM"	202541009962 A	21/02/2025	Published	India,
8.	Dr. N. Satish Kumar	ME	Fabrication of one man operated earth auger operated by two stroke petrol Engine	202441081120	November 2024	Published	India
9.	Mr.D.Raju	ME	Fabrication of one man operated earth auger operated by two stroke petrol Engine	202441081120	November 2024	Published	India
10.	Mrs.K.Santhosh priya	ME	Fabrication of one man operated earth auger operated by two stroke petrol Engine	202441081120	November 2024	Published	India
11.	Dr.R Karunia Krishnapriya	CSE	IOT Based Assistive Technology Based Device for Students with Autism	454326-001	04/04/2025	Granted	Intellectual Property India
12.	Dr S Vijayakumar	CSE(AI ML)	Device for Testing Integrated Circuits	Design No. 421143-001	2024 & June	Design Patent - Registered	Indian Design Patent

Books:

S.No	Name of the Faculty	Department	Book Title	Year	ISBN Number
1	Dr.V.Maheswari	EEE	Comparing Various Low-Voltage Implementations of DC-DC Converters	2024	978-93-6252-039-5 (Volume 3, Book 2, Part 8, Chapter 5)
2	Dr S Sugumaran	ECE	Machine Learning Driven Smart Quality Inspection for Manufacturing	2024	
3	Dr. H. Umamaheswari	S&H	Fundamentals of Ecology Environmental Science and Sustainability	2024,	978-93-6674-704-0 Scientific International Publishing House
4	Dr. Jyoshan C	MBA	Digital Marketing	23rd, December, 2024	IIP Iterative International Publisher
5	T Yamini	MBA	Digital Marketing	23rd, December, 2024	IIP Iterative International Publisher
6	Subrata Chowdhury	CSE(AI ML)	Underwater Vehicle Control and Communication Systems Based on Machine Learning Technique	21-12-2024	978-1032335346
7	Subrata Chowdhury	CSE(AI ML)	Machine Learning for Mobile Communications	17-06-2024	1032306939