



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



Paper Publications - 2026

S.No	Name of the Authors	Title of the Paper	Journal Name / Conference Name	Volume & Published date	ISSN No.
1.	B. Ramarao	ML-Assisted Channel Estimation for OFDM Systems Using Deep Learning Models	International Journal of Engineering Research and Science & Technology	Volume 22 Issue 1 April 2026	2319-5991
2.	Dr. V. Ramesh Babu	Automated Kidney MRI Segmentation Using Unsupervised Learning Techniques: A Clustering-Based Approach with K-Means and Fuzzy C-Means Algorithms	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
3.	Dr. A. Vijaya Lakshmi	Design and Implementation of a Remotely Monitored Smart Energy Meter with Load Control and Automated Mobile Billing System Using Arduino Uno	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
4.	M. Saraswathi	IoT-Based Autonomous Women Safety Night Patrolling Robot with Real-Time Image Transmission and GPS Tracking	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026.	2455-3778
5.	Abdul Azeez	IoT-Based Smart Vehicle Monitoring and Predictive Maintenance System Using Embedded Sensors and Real-Time Data Analytics	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
6.	B. Ramarao	Hybrid Autoencoder-Based Machine Learning Framework for PAPR Reduction in OFDM Systems	IJERST	Volume 22 April 2026	2319-5991
7.	N. Thirumalesh	Design and Implementation of a Floating Solar System with Sun Tracking and IOT Based Voltage, Current and Power Monitoring	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
8.	G. Latha	Design and Implementation of Automatic Railway Crack Track Detection and Automatic Gate Control System	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
9.	Dr. Samiran Chatterjee	Real-Time Smart Notice Board Using Esp32 And P10 Led Display	International Journal of Engineering Science and Advanced	Volume 26 Issue 04	2250-3676



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



			Technology(IJESAT)	April 2026	
10.	Anurag Sharma	Security-Based Electronic Voting Machine Design and Implementation Using FPGA and Xilinx Tool	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
11.	V. Swarna Latha	Wireless EV car charging system using Arduino uno with RFID authentication and safety monitoring	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
12.	Dr. Samiran Chatterjee	P6 Led Advertising Board Based On Iot For Eircular Notification For Students Through Wifi	JASC: Journal of Applied Science and Computations	Volume 13 Issue 04 April 2026	1076-5131
13.	Md Faheem	UPI Fraud Detection Using Machine Learning Techniques	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
14.	Anurag Sharma	Solar Power Monitoring And Tracking With Automated Cleaning System Using Arduino	International Journal of Research	Volume 15 Issue 04 April 2026	2236-6124.
15.	Dr. D. Hema	Face Detection And Recognition system using raspberry Pi	JASC: Journal of Applied Science and Computations	Volume 13 Issue 04 April 2026	1076-5131
16.	Dr.A.Vijaya Lakshmi	Segmentation-Driven Image Registration and Identification of Defects in the Kidney Using Anfis Classifier	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
17.	Dr. V. Ramesh Babu	Heart Attack Risk Prediction Using Machine Learning Methods: A Comparative Study of Classification Algorithms on the Framingham Dataset	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
18.	Abdul Azeez	Traffic Control System for Smart Cities Using IOT and Machine Learning	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
19.	Dr. Samiran Chatterjee	Women Safety Security System Using Arduino	JASC: Journal of Applied Science and Computations	Volume 13 Issue 04 April 2026	1076-5131



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



20.	N. Visranthamma	Design And Analysis of Hybrid 10t Adder Using Power Gating Technique for Low Power Application	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
21.	G. Latha	Robotic Guide for College Visiting People	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
22.	B. Ramarao	Deep Learning-Assisted OOK Detection in OFDM-MIMO Systems for Robust Wireless Communication	IJERST	Volume 22 April 2026	2319-5991
23.	Mrs.V. Swarnalatha	Smart Traffic Management System Using IOT and Camera Feed	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
24.	Mrs.T.Venkata Ramana	Yolo-Based Abnormal Behavior Detection System For Elderly Healthcare Monitoring	IJERST	Volume 12 Issue 11 April 2026	2319-5991
25.	Dr.D.Hema	Real/Fake Logo and Deep Fake Image Detection System	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
26.	N. Thirumalesh	AI-Based Drug and Emergency Medical Assistant System for Personalized Treatment Using Natural Language Processing and Machine Learning	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
27.	Dr.V.Ramesh Babu	Skin Disease Detection Using Convolutional Neural Network	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
28.	Mrs.M. Saraswathi	Iot-Based Implantable Ai Pill Using Arduino	IJERST	Volume 22 April 2026	2319-5991
29.	Anurag Sharma	Cyber Fraud Detection Using Machine Learning	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
30.	Mr. Abdul Aziz	Solar Powered Smart Multipurpose Agriculture Robot	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
31.	Dr. D. Hema	Design and Verification of High-Speed SPI Protocol Using Verilog	International Journal for Modern Trends in Science and	Volume 12 Issue 04	2455-3778



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956



Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369

		and System Verilog	Technology	April 2026	
32.	B.Ramarao	A Light-Fidelity Machine Learning Assisted Hybrid MIMO-OFDM Framework for Efficient Channel Estimation and Detection in Indoor Li-Fi Systems	IJERST.	Volume 22 April 2026	2319-5991
33.	Dr. V. Ramesh Babu	Solar Panel Efficiency Monitoring System	IJERST.	Volume 22 April 2026	2319-5991
34.	Abdul Azeez	Solar Based Wireless Power Transfer System For EV	IRE Journals	Volume 9 Issue 10 April 2026	2456-8880
35.	Dr. A. Vijayalakshmi	Blood Group Detection from Fingerprint Patterns Using Convolutional Neural Networks and Deep Learning Techniques	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
36.	G. LATHA	Real - Time Energy Theft Detection Using Iot	JASC: Journal of Applied Science and Computations	Volume 13 Issue 04 April/2026	1076-5131
37.	Md. Faheem	Vehicle To Vehicle Communication Using Li-Fi Technology	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
38.	Dr. Samiran Chatterjee	Omni Ai Assistant Based On Artificial Intelligence For Smart Voice-Based Task Automation And System Control	JASC: Journal of Applied Science and Computations	Volume 13 Issue 04 April 2026	1076-5131
39.	V.Swarnalatha	Monitoring And Detection Of Manhole Using Iot	JASC: Journal of Applied Science and Computations	Volume 13 Issue 04 April 2026	1076-5131
40.	N. Thirumalesh	Cold Weather Protection System for Solar Power Units Using Thermal Blanket: An Arduino-Based Automated Thermal Management Approach	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
41.	M. Saraswathi	AI-Based Autonomous Surveillance System for Criminal Identification Using Face Recognition and IoT Alert	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



42.	N. Visranthamma	Secure Multilayer Cryptographic System Using Linear Feedback Shift Register, One-Time Pad, and Steganography	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
43.	Mr.N. Thirumalesh	Design A Wifi Based Controlled Robot Using Arduino	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
44.	Dr. A.Vijaya Lakshmi	Doctor Appointment Booking System	International Journal for Modern Trends in Science and Technology	Volume 12 Issue 04 April 2026	2455-3778
45.	Mrs. G. Latha	RFID Based Smart Shopping Trolley Using IOT	IJIRT	Volume 12 Issue 11 April 2026	2349-6002
46.	Anurag Sharma	Smart Helmet with Integrated Accident Detection, Wireless Vehicle Control, Eye Blink Monitoring, and Theft Prevention Using Arduino Microcontroller	International Journal for Modern Trends in Science and Technology	Volume 03 Issue 08 April 2026	2455-3778
47.	Dr. A. Vijayalakshmi	Advanced FPGA Driven Dot Matrix system: Innovations in High-precision LED control and Multiplexing	IJIRT	Volume 12 Issue 10 March 2026	2349-6002
48.	T. Suhasini	Emergency Mess Communication System For Elderly	JASC	Volume 13 Issue 04 April 2026	1076-5131
49.	Ch.Chinna Veeraia	Design And Development Of Electrical Motor Cycle	JASC	Volume 13 Issue 04 April 2026	1076-5131
50.	K Sabarinath	Power Electric Vehicle's Battery Management System Using Iot	JASC	Volume 13 Issue 04 April 2026	1076-5131
51.	Sk. Rafsaal Shaheen	Transmission Line Three Phase Fault Monitoring System	JASC	Volume 13 Issue 04 April 2026	1076-5131
52.	T Suhasini	Ai-Driven Campus Security System Using Iot With Raspberry Pi For Student And Faculty Safety	JASC	Volume 13 Issue 04 April 2026	1076-5131



Amrita Sai Institute of Science & Technology

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



53.	Chinna Veeriah	Free Energy Generation Using Flywheel	Ijr	Volume 15 Issue 04- April/2026	2236-6124
54.	N.Rama	Iot Enabled Garbage Collections System Using Raspberry-Pi	Ijr	Volume 15 Issue 04-April 2026	2236-6124

Paper Publications - 2025

S. No	Name of the Author	Title of the Paper	Name of the Journal/ Conference	Month & Year of publication	ISSN / DOI
1	Dr. Chiranjeevi Paritala	Optimizing non small cell lung cancer detection with convolutional neural networks and differential augmentation	Scientific Reports	May 2025	DOI https://doi.org/10.1038/s41598-025-98731-4
2	Dr. P Chiranjeevi	Sgb-Ids: A Swarm Gradient Boosting Intrusion Detection System Using Hybrid Feature Selection For Enhanced Network Security	Journal of Theoretical and Applied Information Technology	June 2025.	1992-8645
3	Dr. Chiranjeevi Paritala	Physical Layer Security for WSNs: Addressing Eavesdropping and Energy Constraints	7th International Conference on Inventive Material Science and Applications (ICIMA-2025)	July 2025	DOI: 10.1109/ICIMA64861.2025.11074037
4	Dr. M. Sreedevi	Construction of Cascaded Deep Neural Network with Optimization-Based Feature Selection in CT Images for Detecting Laryngeal Cancer	Springer Nature Recent Advancements in Product Design and Manufacturing Systems	Nov 2025	Lecture Notes Conference
5	Dr. M. Sreedevi	Land & Real Estate Registration Using Django	International Journal of Scientific Research and Engineering Development	June 2025	2581-7175
6	Dr. M. Sreedevi	Secure Web Application Embed a Honeypot Link Using AWS	International Journal for Inter disciplinary Sciences and Engineering Application	Volume 6 Issue 2 August 2025	2582-6379
7	Mellempudi Anuradha	Hybrid Deep Learning for Breast Cancer Detection: CNN-RNN Approach vs Traditional Machine Learning Models	International Journal of Multidisciplinary Research and Growth Evaluation	June 2025	2582-7138



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



8	Mrs. M. Anuradha	Dynamic Categorization of Biomedical Search Results	International Journal of Scientific Research and Engineering Development	May-June 2025	2581-7175
9	Mrs. M. Anuradha	Stock Market Price Prediction Using Machine Learning	International Journal of Scientific Research and Engineering Development	May-June 2025	2581-7175
10	J. Bhagya Lakshmi,	Food Delivery App Using Mern Stack	International Journal of Scientific Research and Engineering Development	May-June 2025	2581-7175
11	Mrs. M Anuradha	Counterfeit Currency With Advanced Machine Learning And Image Processing	International Journal of Scientific Research and Engineering Development	May-June 2025	2581-7175
12	Mr. K. Subhash Chandra	Data Privacy-Preserving Machine Learning Model Using Blockchain Network	International Journal of Scientific Research and Engineering Development	Volume 8 Issue 3 May-June 2025	2581-7175 DOI :10.5281/zenodo.1 5658110
13	Mr. K. Subhash Chandra	Blood Donar Availability Recommendation System By Using Python And Machine Learning	International Journal of Scientific Research and Engineering Development	Volume 8 Issue 3 May-June 2025	2581-7175 DOI :10.5281/zenodo.1 5657872
14	Mr. K. Subhash Chandra	Rainfall Prediction Using Machine Learning	International Journal of Scientific Research and Engineering Development	Volume 8 Issue 3 May-June 2025	2581-7175 DOI :10.5281/zenodo.1 5510437
15	Mr. E. Sateesh	leaf disease detection using deep learning	International Journal of engineering science and advanced technology	May-2025	2250-3676
16	Mr. E. Sateesh	spam detection in text using machine learning	International Journal of scientific research and engineering development	May-2025	2581-7175
17	Mr. E. Satessh	fake instagram profile detection	International Journal of advanced computer science and applications	May-2025	2158-107X
18	Mr. K. Subhash Chandra	Data Privacy-Preserving Machine Learning Model Using Blockchain Network	International Journal of Scientific Research and Engineering Development	Volume 8 Issue 3 May-June 2025	2581-7175 DOI :10.5281/zenodo.1 5658110



Amrita Sai Institute of Science & Technology

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956



Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369

19	Mr. K. Subhash Chandra	Blood Donar Availability Recommendation System By Using Python And Machine Learning	International Journal of Scientific Research and Engineering Development	Volume 8 Issue 3 May- June 2025	2581-7175 DOI :10.5281/zenodo.15657872
20	Mr. K. Subhash Chandra	Rainfall Prediction Using Machine Learning	International Journal of Scientific Research and Engineering Development	Volume 8 Issue 3 May-June 2025	2581-7175 DOI :10.5281/zenodo.15510437
21.	B. Suneetha	Design and implementation of IOT based energy efficient smart metering ssystem for domestic applications	International Journal for Modern Trends in Science and Technology	Apr-25	2455-3778
22.	B. Suneetha	IOT based Heart Attack Detection and Heart Rate Monitoring	International Journal for Modern Trends in Science and Technology	Apr-25	2455-3778
23.	B. Suneetha	Automatic marks sending system to students through SMS	International Journal for Modern Trends in Science and Technology	Apr-25	2455-3778
24.	Dr. Ramesh Babu Vallabhaneni	VLSI design and Implementation of area Efficient and Low Power 9T SRAM using CMOS Technology	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 06 June- 2025	2455-3778
25.	Dr. Samiran Chatterjee	Design Low Power High Efficient High Frequency Generation CMOS Ring Oscillator Using 45nm Technology	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 06 June- 2025	2455-3778
26.	Dr. Samiran Chatterjee	Design of Size Deduced Printed Fork Antenna For Satellite Communication	ICT Analysis and Applications	Lecture Notes in Networks and Systems 1196 June- 2025	https://doi.org/10.1007/978-981-97-9526-0_33
27.	Dr. Samiran Chatterjee	Antenna with a Circular Microstrip Patch (CMP) for Microwave Communication	ICT Analysis and Applications	Lecture Notes in Networks and Systems 1197 June- 2025	https://doi.org/10.1007/978-981-97-9529-1_15
28.	Dr. Ramesh Babu Vallabhaneni	Emotion-Aware Reinforcement – Driven Moderation Frame work for Conflict De-escalation in Civic Discourse Platforms	International Conference on Innovative Emerging Technologies (ICIET) - 2025	Sep - 2025	Conference
29.	Dr. Samiran Chatterjee	Design of an Iterative Edge AI Smart Helmet System for Real Time Safety Monitoring in Informal Construction Environments	International Conference on Innovative Emerging Technologies (ICIET) - 2025	Sep - 2025	Conference



Amrita Sai Institute of Science & Technology

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956



Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369

30.	Dr. A Vijaya Lakshmi	Hybrid NLP & Reinforcement Learning Model for Real Time Online Hate Speech Control in Minority Languages	International Conference on Innovative Emerging Technologies (ICIET) – 2025	Sep – 2025	Conference
31	Mr. Abdul Azeez	Design of an Intuitive Model for Real Time Additive Manufacturing Optimization using Dual Domain Transformers & Bayesian Inverse Learning Process	International Conference on Innovative Emerging Technologies (ICIET) – 2025	Sep – 2025	Conference
32	Dr. D. Hema	End-to-End Adaptive AI Architecture for Live Monitoring and Mitigation of Hate Speech in Underrepresented Languages	International Conference on Innovative Emerging Technologies (ICIET) – 2025	Sep – 2025	Conference
33	Ms. B. Suneetha	Real Time Ultra Low Power Fault Localization Architecture using Anomaly-Driven Signal Analytics for Smart Grids	International Conference on Innovative Emerging Technologies (ICIET) – 2025	Sep – 2025	Conference
34	Dr. Samiran Chatterjee	Efficient Water Management System Leveraging IoT Technology	IEEE International Conference on Innovations in Engineering and Next-Generation Technologies for Sustainability (ICINVENTS-2025)	Nov – 2025	979-8-3315-5662-4
35	Dr. Samiran Chatterjee	Implementation of Low-Power Carry Save Adder Using a Novel 18-Transistor Hybrid Full Adder	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 12 Dec-2025	2455-3778 DOI: https://doi.org/10.5281/zenodo.17979625
36	Dr A Vijayalakshmi	Implementation of Low-Power Carry Save Adder Using a Novel 18-Transistor Hybrid Full Adder	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 12 Dec-2025	2455-3778 DOI: https://doi.org/10.5281/zenodo.17979625
37	Dr. Samiran Chatterjee	Efficient Water Management System Leveraging IoT Technology	Innovations in Engineering and Next-Generation Technologies for Sustainability	Nov 2025	2712-0562
38	Dr. Ramesh Babu Vallabhaneni	Brain Tumor Classification Using Modified ResNet50V2 Deep Learning Model	International Journal of Computing and Digital Systems IJCDS	March-2025	2210-142X



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



39	Dr. Ramesh Babu Vallabhaneni	VLSI Implementation of Fully Parallel and CSD FIR Filter Architecture Using Clock Gating	International Journal of Scientific Research in Science and Technology	January-February-2025.	12 (1) : 658-666
40	Dr. Ramesh Babu Vallabhaneni	Microcontroller-Based Voice and Gesture Home Automation for Smart Living	International Journal for Modern Trends in Science and Technology	Volume 10 Issue 05 March 2025.	2455-3778
41	Dr. Ramesh Babu Vallabhaneni	RIDER: AI-Driven Real-Time Driver Drowsiness Detection and Monitoring System for Road Safety	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 05 April-2025	2455-3778
42	Dr. Ramesh Babu Vallabhaneni	Energy Optimization using AI and IoT	International Research Journal of Engineering & Technology	Volume 12 Issue 04 April-2025	2395-0072
43	Dr. Samiran Chatterjee	Printed Patch Antenna For X-Band Microwave Frequency	Journal of Applied Science and Computations	Volume 12 Issue 5 May-2025	1076-5131
44	Dr. Samiran Chatterjee	Design Of Corner Cut Printed Antenna For Microwave Communication	Journal of Applied Science and Computations	April-2025	1076-5131
45	Dr. Samiran Chatterjee	Student Attendance System Using RFID	Journal of Applied Science and Computations	April-2025	1076-5131
46	Dr. Samiran Chatterjee	Circular Antenna For Satellite Communication	Journal of Applied Science and Computations	April-2025	1076-5131
47	Dr. Samiran Chatterjee	Design Of Microstrip Antenna For Microwave Applications	Journal of Applied Science and Computations	April-2025	1076-5131
48	Dr. Samiran Chatterjee	Four Elements Array Antenna	Journal of Applied Science and Computations	April-2025	1076-5131
49	Mr. B. Ramarao	IoT Enabled Vehicle Tracking using GPS location	International Journal of Analytical and Experimental Model Analysis	Volume 17 Issue 04 April-2025	0886-9367
50	Mr. B. Ramarao	Face Recognition for Security Purpose by using Python	International Journal of Analytical and Experimental Model Analysis	Volume 17 Issue 04 April-2025	0886-9367
51	Mr. B. Ramarao	LED Advertizing Boar Based on IoT E-Circular Notification for students	International Research Journal of Engineering &	Volume 12 Issue 04	2395-0072



Amrita Sai Institute of Science & Technology

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



		through Bluetooth	Technology	April-2025	
52	Mr. B. Ramarao	Design and Implementation of Wallace Tree Multiplier and Kogge Stone Adder	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 5 April-2025	2455-3778
53	Dr. A. Vijaya Lakshmi	Characterization of subsurface anomalies in non-stationary thermal wave imaging using convolutional neural networks	Surface Topography: Metrology and Properties	May-2025	2025-0250
54	Dr. A. Vijaya Lakshmi	Convolutional Neural Network Based Visualization of Subsurface Anomalies in Quadratic Frequently Modulated Thermal Wave Imaging	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 04 April-2025	2455-3778
55	Dr. A. Vijaya Lakshmi	IoT-Based Flood Monitoring and Alert System	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 04 April-2025	2455-3778
56	Dr. A. Vijaya Lakshmi	A Machine Learning based Automatic defect detection in non stationary thermal wave imaging	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 03 March-2025	2455-3778
57	Mr. Abdul Azeez	Virtual Reality based System for Flood Rescue Management	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 03 March 2025	2455-3778
58	Mr. Abdul Azeez	Vehicle to Vehicle communication using Li-Fi technology	International Research Journal of Engineering and Technology (IRJET)	Volume: 12 Issue: 04 April-2025	2395-0072
59	Mr. Abdul Azeez	An IoT Based Health Monitoring System for COVID Patients	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 05 April-2025	2455-3778
60	Mr. Abdul Azeez	A Novel Architecture using ESP 32 Node MCU of Localization and Tracking of Women and Children	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 03 March 2025	2455-3778
61	Dr. D. Hema	Face Recognition using SVD Algorithm	Journal of Applied Science and Computations	Volume 12 Issue 4 April-2025	1076-5131
62	Dr. D Hema	Kidney Stone Detection using Image Processing Techniques	Journal of Applied Science and Computations	April-2025	1076-5131



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



63	Dr. D Hema	Noise Removal by Using Image Processing	Journal of Applied Science and Computations	April-2025	1076-5131
64	Dr. D Hema	Signature Verification using Deep Learning	International Journal of Research	Volume 14 Issue 4 April-2025	2236-6124
65	Ms. V. Swarnalatha	Double Fault Tolerant Architecture Design for Digital Adder	International Research Journal of Engineering and Technology	Volume 12 Issue 4 April-2025	2395-0072
66	Ms. V. Swarnalatha	Compact Implementation of SHA3-256 Bit	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 05 April-2025	2455-3778
67	Ms. V. Swarnalatha	Novel Vedic Mathematics Based ALU Using ASR Applications	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 05 April-2025	2455-3778
68	Ms. N. Visranthamma	Digital clock using FPGA	International Research Journal of Engineering and Technology	Volume 12 Issue 4 April-2025	2395-0072
69	Ms. N. Visranthamma	Display On FPGA With 7 Segment Controller	International Research Journal of Engineering and Technology	April-2025	2395-0072
70	Ms. N. Visranthamma	Car Accident detection by using GSM	International Research Journal of Engineering and Technology	Volume 10 Issue 3 April-2025	2395-0072
71	Ms. N. Visranthamma	Two Way Traffic Light System using Counter	International Research Journal of Engineering and Technology	Volume 12 Issue 4 April-2025	2395-0072
72	Ms. N. Visranthamma	Lifi Technology For Wireless Data Transfer	International Research Journal of Engineering and Technology	Volume 12 Issue 4 April-2025	2395-0072
73	Ms. M. Saraswathi	Air and water pollution sensing smart watch	International Research Journal of Engineering and Technology	April-2025	2395-0072
74	Ms. M. Saraswathi	Smart Farming IoT Technology	International Research Journal of Engineering and Technology	April-2025	2395-0072



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



75	Ms. B. Suneetha	Automatic Marks Sending System To Students Through SMS	International Research Journal of Engineering and Technology	Volume 12 Issue 04 April-2025	2395-0072
76	Ms. B. Suneetha	Design and Implementation of IoT Based Energy Efficient Smart Metering System for Domestic Applications	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 05 April-2025	2455-3778
77	Ms. B. Suneetha	IoT Based Heart Attack Detection and Heart Rate Monitoring	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 05 April-2025	2455-3778
78	Ms. M. Indrajya	Vehicle Speed Detection & Over Speed Control System	International Journal of Analytical and Experimental Model Analysis	Volume 17 Issue 04 April-2025	0886-9367
79	Ms. M. Indrajya	Medication Alerts and Supervisory of Health using IoT	International Journal of Analytical and Experimental Model Analysis	Volume 17 Issue 04 April-2025	0886-9367
80	Ms. M. Indrajya	Automatic Car Parking and Canteen Card System using RFID	International Journal of Analytical and Experimental Model Analysis	Volume 17 Issue 04 April-2025	0886-9367
81	Ms. M. Indrajya	Chip Design for Turbo Encoder Module for In-Vehicle System	Journal of Applied Science and Computations	Volume 12 Issue 03 Mar-2025	1076-5131
82	Ms. G. Latha	Smart Real Time Clock and Temperature Display using Arduino	International Research Journal of Engineering and Technology	Volume 12 Issue 4 April-2025	2395-0072
83	Ms. G. Latha	Solar Based Garbage Cleaning and Surveillance Boat	International Research Journal of Engineering and Technology	Volume 12 Issue 4 April-2025	2395-0072
84	Ms. G. Latha	Development of a Real Time Hand Gesture Controlled Car using IoT and Motion Sensing	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 4 April-2025	2455-3778
85	Ms. G. Latha	IoT based Air Quality Monitoring System with Server Notification	International Journal for Modern Trends in Science and Technology	Volume 11 Issue 5 April-2025	2455-3778



Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



86	V. Sravani	Design and analysis of high-rise tower with geometrically complex modified octagonal layout with tessellating	International Research Journal of Engineering and Technology (IRJET)	July-2025	2395-0056
----	------------	---	--	-----------	-----------

Paper Publications - 2024 & 2023

S. No	Name of the Author	Title of the Paper	Name of the Journal/Conference	Month & Year of publication	ISSN/DOI
1	Dr. P. Chiranjeevi	Image Recognition and Similarity Retrieval with Convolutional Neural Networks	2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS)	Jan-24	DOI: 10.1109/ICA CRS58579.2023.10404664
2	Chiranjeevi Paritala	Assessing the Resilience of Machine Learning Models in Predicting Long-Term Breast Cancer Recurrence Results	2024 8th International Conference on Inventive Systems and Control (ICISC)	Sep - 2024	DOI: 10.1109/ICIS62624.2024.00077
3	Chiranjeevi Paritala	Diseases Detection in Cotton Faring Using Deep Learning	International Conference on Computational Innovations and Emerging Trends (ICCIET 2024)	2024	https://doi.org/10.2991/978-94-6463-471-6_126
4	Mr. E. Satessh	Missing Child Identification System Using Deep Learning	International Journal of engineering science and advanced technology	may-2024	2250-3676
5	M. Anuradha	A novel approach for android malware detection using ML techniques	International Journal of engineering science and advanced technology	may-2024	2250-3676
6	Mr. B. Ramarao	A hybrid solution Analysis with IFDMA to Optimizing the Response of the Dense Layers	International Journal of Communication Networks and Information Security	2024	2073-607X
7	Dr. A. Vijaya Lakshmi	Enhanced and Automatic Defect Detection in Thermography using Stacked De-noising Auto encoder	IEEE Global Conference for Advancement in Technology (GCAT)	October-2024	979-8-3503-7668-5
8	Dr. A. Vijaya Lakshmi	Unsupervised Deep Learning in Infrared Thermography for Automatic Defect Detection	Intelligent Systems & Sustainable Computing	Decmber-2024	2190-3026



Amrita Sai Institute of Science & Technology
(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)
AN ISO 9001: 2015 Certified Institution, Accredited by NAAAC, Recognized by
UGC Under 2(f) and 12(B) under UGC act 1956

Paritala, Kanchikacherla (M), NTR Dist., A.P., India-521180
www.amritasai.org.in Tel:08678-277777 Toll Free No: 1800 1212 369



9	G. Mrudula	Seismic Response of Tunnel structure effect of Stratigraph& Assessment of Fragrility curves	International Journal of All Research Education and Scientific Methods (IJARESM)	Volume 12 Issue 8 Aug - 2024	2455-6211
10	P. Anusha	Analysis of high raised structure in two different seismic zones with diagrid system and shear wall system	International Research Journal of Engineering and Technology (IRJET)	Volume 11 issue 10 Oct - 2024	2395-0056
11	V. Sravani	Analysis and Design of G+9 Residential Building using Etabs& Safe	International Journal of All Research Education and Scientific Methods (IJARESM)	Volume 12 Issue 1 Jan - 2024	2455-6211
12	V. Sravani	Analysis and Design of G+9 Residential Building using Etabs& Safe	International Journal of All Research Education and Scientific Methods (IJARESM)	Volume 12 Issue 1 Jan - 2024	2455-6211
13	B. Koteswara Rao	Comparative Analysis & Design of Irregular RCC Building G+10 Working with Floating Columns and Without Floating Columns in Various Seismic Zones using E-Tabs	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 13 Issue 5 May - 2024	2319-8753
14	Mr. E. Satessh	Intelligent System For Driver Drowsiness Detection	International Journal of engineering science and advanced technology	April 2023	2278-4632
15	Mr. E. Satessh	Crop Recommendation System Using ML Algorithms	International Journal of engineering science and advanced technology	April 2023	2347-7180