

Paper publications 2025-2026

S. No	Author Name	Title of paper	Name of the Journal	Volume & Issue	Page No.	Month & Year of publication	ISBN No.	SCI/ESCI/SCIE SCOPUS
1	Dr.K.Shashidhar, Dr.G.Deepthi	AI-Enabled Adaptive Channel Estimation and Precoding for Next-Generation MIMO Wireless Networks in Dynamic Fading Environments	2025 , 2 nd International Conference in Advanced Computing and Emerging Technologies (ACET), IEEE Explore			March 2026	978-8-3315-6783-5	Scopus
2	Dr.K.Shashidhar, Dr.G.Deepthi	A Low-Latency Pipelined Booth-Dadda-Wallace Multiplier with Hierarchical 3:2, 4:2, and 5:3 Compression	2025, 2 nd International Conference on Recent Trends in Electrical, Electronics and Computer Technologies (ICRTEECT). IEEE Explore			March 2026	978-8-3315-8172-5	Scopus
3	Dr.K.Shashidhar	Graphene–VO2 hybrid metamaterial biosensor with machine learning–assisted absorption and virus detection in the THz regime	Optical Engineering	Vol.65, Issue 4	0747 103-1 to 0747 103-24	April 2026	0091-3286	Scopus and SCIE /WOS
4	Dr.G.Deepthi	IOT BASED ATM MONITORING USING CLOUD DATA WITH SENSORS	AJACCM	5,4	301-304	NOV-2025	3069-0102	PEER REVIEWED
5	Dr.G.Deepthi	IOT BASED AGRICULTURAL MONITORING SYSTEM USING NODE-MCU	AJACCM	5,4	297-300	NOV-2025	3069-0102	PEER REVIEWED
6	Dr.G.Deepthi	AI DRIVEN DRG DISCOVERY FOR FAST COST EFFECTIVE THERAPEUTIC DISCOVERY	IJDIM	4,4	173-180	NOV-2025	3068-272X	PEER REVIEWED
7	Dr.K. Shashidhar	AI DRIVEN DRG DISCOVERY FOR FAST COST EFFECTIVE	IJDIM	4,4	173-180	NOV-2025	3068-272X	PEER REVIEWED

		THERAPEUTIC DISCOVERY						
8	Dr.K. Shashidhar	IOT BASED NIGHT PATROLLING ROBOT	AJACCM	5,4	305- 308	NOV- 2025	3069- 0102	PEER REVIEWED
9	Dr.K. Shashidhar	SMART IRRIGATION USING RASPBerry PI	IJDIM	4,4	366- 370	NOV- 2025	3068- 272X	PEER REVIEWED
10	Dr.K.Vanisree	ENERGY- EFFICIENT CONGESTION CONTROL STRATEGY FOR MOBILE AD HOC NETWORKS	IJDIM	4,4(2)	43- 50	NOV- 2025		PEER REVIEWED
11	Dr.V.Sandeep Kumar	HIGH- RELIABILITY INDOOR ROBOT FOR REAL-TIME NAVIGATION AND ADVANCED OBSTACLE AVIDANCE	IJERST	21,4(1)	14- 19	NOV- 2025	2319- 5991	PEER REVIEWED
12	Dr.V.Sandeep Kumar	IOT BASED SECURE BIOMETRIC AUTHENTICATI ON SYSTEM	AJMIMC	4,4	270- 274	NOV- 2025	3069- 0110	PEER REVIEWED
13	Dr.V.Sandeep Kumar	CHILD RECUE SYSTEM FROM OPEN BOREWELL USING IOT	AJACCM	5,4	293- 296	DEC- 2025	3069- 0102	PEER REVIEWED
14	Y.Jalajakshi	VOICE RECOGNIZATIO N BASED INTELLIGENCE WHEEL CHAIR AND GPS TRACKING SYSTEM	IJDIM	4,4	386- 390	NOV- 2025	3068- 272X	PEER REVIEWED
15	Y. Jalajakshi	HYBRID MOBILE CHARGING SYSTEM USING PIEZOELECTRI C ENERGY HARVESTING	IJDIM	4,4(2)	51- 57	NOV- 2025	3068- 272X	PEER REVIEWED
16	Y. Jalajakshi	MODELING AND DESIGNING OF	AJMIMC	4(4)	279- 283	NOV- 2025	3069- 0110	PEER REVIEWED

		AUTOMATIC PLANT WATERING SYSTEM USING ARDUINO						
17	Y. Jalajakshi	IOT ENABLED SMART BATTERY MONITORING SYSTEM FOR ELECTRIC VEHICLES	AJMIMC	4,4(2)		DEC-2025	3069-0110	PEER REVIEWED
18	Y. Jalajakshi	STRATEGIES FOR THEFT PREVENTION AND REAL-TIME DETECTION IN EXAM PAPER SSECURITY	AJACCM	5,4(2)	100-106	DEC-2025	3069-0102	PEER REVIEWED
19	Ch.Ramya Sree	SMART GREEN HOUSE AUTOMATION	AJMIMC	4,4	289-292	NOV-2025	3069-0110	PEER REVIEWED
20	Ch.Ramya Sree	IOT ENABLED REMOTE VIDEO SURVEILLANCE ROBOT USING NODEMCU	AJMIMC	4(2)	22-28	DEC-2025	3069-0110	PEER REVIEWED
21	M. Swapna	INTELLIGENT SAFETY WRISTBAND DESIGNED FOR WOMAN'S PROTECTION	AJMIMC	4(2)	9-14	DEC-2025	3069-0110	PEER REVIEWED
22	M. Swapna	ASSISTING PATIENTS AND THE ELDERLY WITH SPEECH AND MEDICATION REMEDIES	AJMIMC	4,4(2)	29-37	DEC-2025	3069-0110	PEER REVIEWED
23	G Lakshmi Prasanna	BANK SAFETY LOCKER SYSTEM WITH IMAGE IDENTIFICATIO N BY USING IOT	AJACCM	5,4	287-292	NOV-2025	3069-0102	PEER REVIEWED
24	N. Ratna Deepthika	VEHICLE THEFT DETECTION AND REMOTE LOCKING	IJDIM	4,4	382-385	NOV-2025	3068-272X	PEER REVIEWED
25	G.Veeraiah	IOT BASED STREET LIGHT AUTOMATION SYSTEM	AJMIMC	4,4	275-278	NOV-2025	3069-0110	PEER REVIEWED
26	N..Ravinder	STRAW	IJDIM	4,4	371-	NOV-	3068-	PEER

		MUSHROOM CO2 AND CO CONDITION CONTROL USING IOT			375	2025	272X	REVIEWED
27	N.Ravinder	INTELLIGENT TRANSACTION TAG FOR FACILITATING SUBSISTENCE-LEVEL FINANCIAL OPERATIONS	AJACCM	5,4(2)	119-195	DEC-2025	3069-0102	PEER REVIEWED
28	N.Ravinder	SMART VEHICLE SECURITY USINGGPS,GS M ALERTS,ANDFI NGERPRINT-BASED ACCESS CONTROL	AJACCM	5,4(2)	113-118	DEC-2025	3069-0102	PEER REVIEWED
29	V.Shankar	PROTOTYPE OF CLASS ATTENDANCE SYSTEM USING SMART CARD AND RASPBERRY PI	AJMIMC	4,4	284-288	NOV-2025	3069-0110	PEER REVIEWED
30	V.Shankar	UNDER GROUND CABLE FAULT DETECTION USING NODE MCU IN IOT FRAMEWORK	IJERST	21,4(1)	8-13	NOV-2025	2319-5991	PEER REVIEWED
31	CH.Rekha	SMART-RFID BASED BUS TICKETING WITH GPS-GSM ACCIDENT DETECTION	IJDIM	4,4(2)	66-73	NOV-2025	3068-272X	PEER REVIEWED
32	CH.Rekha	VEHICLE AUTOMATION AND ACCIDENT ALERT SYSTEM USING CONTROL AREA NETWORK	IJDIM	4,4	376-381	NOV-2025	3068-272X	PEER REVIEWED
33	CH.Rekha	REMOTE EMPLOYEE ANXIETY MONITORING AND CARE	AJACCM	5,4(2)	107-112	DEC-2025	3069-0102	PEER REVIEWED

		PREDICTION USING IOT TECHNOLOGY						
34	Dr. P. Janaki Ramulu	Autonomous Machine Learning Modelling Using A Task Ontology	American Journal of AI Cyber Computing Management	VOL.5, NO. 4(2025)	106-117	Oct 2025	E-ISSN:30 69-0102	UGC
35	Lakshmipathi Billa	An Application for Tracking Organ Donation in Hospitals Using Blockchain	Journal of Computing in Education, Sports and Health (JCESH)	Volume 02, Issue 02,	pp.1-11	Aug 2025	ISSN-3049-4273	UGC
36	Dr.V.Shiva Narayana Reddy	BBS - A Blockchain Big-Data Sharing System	Fringe Multi-Engineering Proceedings(F MEP)	Volume 01, Issue 03,	pp.14 8-162	Sept 2025	3107-6149	UGC
37	Dr. M. Ramakanth Reddy	Blockchain Based Face Detection And Recognition For Criminal Identification System	American Journal Of Management And IOT Medical Computing	Vol.4, No. 4(2025)	67-73	Oct 2025	E-ISSN: 3069-0110	UGC
38	Dr.V.Shiva Narayana Reddy	Secure Sharing of Identity (KYC)	Fringe Multi-Engineering Proceedings(F MEP)	Volume 01, Issue 03	93-106	Sept 2025	3107-6149	UGC
39	Dr.V.Shiva Narayana Reddy	A Multi-Perspective Fraud Detection Method for Multi-Participant E-Commerce Transactions	Fringe Multi-Engineering Proceedings(F MEP)	Volume 01, Issue 03,	pp.39 -52	Sept 2025	3107-6149	UGC
40	P. Jayanthi	Automated Machine Learning Model for the Heart Disease Prediction System	Fringe Multi-Engineering Proceedings(F MEP)	Volume 01, Issue 04	pp.40 -53	Dec 2025	3107-6149	UGC
41	Dr. M. Ramakanth Reddy	Disease Diagnosis Using Chatbot	Journal of Sensors, IoT and Health Sciences	Vol.03(0 4)	pp.31 -43	Dec 2025	ISSN: 2584-2560	UGC
42	Dr.V.Shiva Narayana Reddy	Intelligent Recommender System Model through Sentimental Analysis	Fringe Multi-Engineering Proceedings(F MEP)	Volume 01, Issue 04,	pp.27 -39	Dec 2025	3107-6149	UGC
43	A.Sravanthi	Smarter Banking Chatfin	International Journal Of	Vol 4 issue 4	498–505	Dec 2025	ISSN: 3068-	UGC

			Data Science And IOT Management System				272X	
44	Dr. P. Janaki Ramulu	Cartoonization of Images And Videos Using Gan And Open CV	International Journal of Engineering Development and Research	Vol 14 Issue 2	156-161	May 2026	ISSN: 2321-9939	UGC
45	Mr B Laxmipathi	Crimetype And Occurrence Prediction Using Machine Learning	American Journal Of AI Cyber Computing Management	VOL.5, NO. 4	97-105	Oct 2025	E-ISSN:30 69-0102	UGC
47	Dr.V.Shiva Narayana Reddy	Predicting Behavior Change In Students With Special Education Needs Using Multi Modal Learning Analytics	American Journal Of AI Cyber Computing Management	VOL.5, NO. 4	87-96	Oct 2025	E-ISSN:30 69-0102	UGC
48	Dr.V.Shiva Narayana Reddy	Cyber Kids-Video Game For Raising Cyber Security Awareness In Children	American Journal Of Management And IOT Medical Computing	Vol.4, No. 4	74-84	Oct 2025	E-ISSN: 3069-0110	UGC
49	A. Sravanthi	Heartbeat Dynamics: A Novel Efficient Interpretable Feature For Arrhythmias	American Journal Of Management And IOT Medical Computing	Vol.4, No. 4	58-66	Oct 2025	E-ISSN: 3069-0110	UGC

Details of Book Chapters published 2025-2026

S. No	Author Name	Title	Publisher	Page No.	Month & Year	ISBN No.	Scopus/SCI/Peer Reviewed Journals
1	K.Vanisree	A Novel Approach Utilizing Artificial Intelligence and Wireless Sensor Systems For Ensuring Safety Through Firedetection	Technological Applications for Smart Sensors: Intelligent Applications for Real-Time Strategies. Apple Academic Press, Inc.	307-325	September, 2025	9781003610717	Scopus

Book Publications 2025-2026

S. No	Author Name	Title	Publisher	Month & Year	ISBN No.
1	Dr.K.Shashidhar	Analog and Digital Circuits	Scientific International Publishing House (SIPH)	September 2025	978-93-7196-275-9
2	Dr.Sandeep Kumar Vasa	Digital System Design and Applications	Indo-Continental Academic Publishers	November 2025	978-93-47044-03-8
3	Dr. J.Vamshi Krishna	Linear and Digital IC Applications	Indo-Continental Academic Publishers	November 2025	978-93-47044-61-8

Conference Publications 2025-2026

S. No	Author Name	Title of the paper	Name of the Journal	Date & Year of publication	Print ISBN/Online ISBN	Title of conference	National /International	Date of Conference
1	Dr. G.Deepthi	Coal Mine Safety Monitoring and Alerting System Controlled by IOT	Conference Proceedings 40th Indian Engineering Congress	19-21 December 2025	978-81-993673-4-0	40th Indian Engineering Congress	International	December 2025
2	Dr. G.Deepthi	Robot Car Cam ESP32	Conference Proceedings 40th Indian Engineering Congress	19-21 December 2025	978-81-993673-4-0	40th Indian Engineering Congress	International	December 2025
3	Dr. G.Deepthi	An Automatic Night-Visor for the Protection of Women	Conference Proceedings 40th Indian Engineering	19-21 December 2025	978-81-993673-4-0	40th Indian Engineering Congress	International	December 2025

			Congress			s		
4	Dr. G.Deepthi	IOT-Based Waste Management and Power Generation	Conference Proceeding s 40th Indian Engineering Congress	19-21 December 2025	978-81-993673-4-0	40th Indian Engineering Congress	International	December 2025
5	Dr. K. Shashidhar	IOT-powered shipping container with location tracking and environmental monitoring	Conference Proceeding s 40th Indian Engineering Congress	19-21 December 2025	978-81-993673-4-0	40th Indian Engineering Congress	International	December 2025
6	Dr. K. Shashidhar	Vehicle identifier and accident prevention system	Conference Proceeding s 40th Indian Engineering Congress	19-21 December 2025	978-81-993673-4-0	40th Indian Engineering Congress	International	December 2025
7	Dr. K. Shashidhar	Ensuring soldier security with real-time wireless embedded electronics	Conference Proceeding s 40th Indian Engineering Congress	19-21 December 2025	978-81-993673-4-0	40th Indian Engineering Congress	International	December 2025
8	Dr. K. Shashidhar	Patient Health Monitoring using IOT	Conference Proceeding s 40th Indian Engineering Congress	19-21 December 2025	978-81-993673-4-0	40th Indian Engineering Congress	International	December 2025

Funds Received

S.No.	PI name	Co-PI name	Name of the Dept., where project is sanctioned	Program Title	Name of the Funding agency	Duration of the project	Amount (Lacs)
1	S.Vamshi krishna	K.Vinay	ECE-Samskurti college of Engineering and Technology	Semiconductor Technology :Advancing from Fundamentals to innovations	AICTE	15/06/2025 to 20/06/2025	3.5L
2	Dr.K.Vani Sree	Anup Tiwari	ECE-Samskurti college of Engineering and Technology	Recent trends in 5G/6G Wireless Communication	AICTE	06/01/2025 TO 11/01/2025	1L
3	Dr.K.Shashidhar	Dr.P.Janaki Ramulu	ECE-Samskurti college of Engineering and Technology	AI Teaching and learning	IIT Guwahathi	18/08/2025 TO 29/08/2025	1.2L

Patents 2025-2026

S. No.	Name of the Faculty Member	Designation/ Department	Title of patent published/awarded	File Number	Published/ Granted	Date of Publication/ Grant
1.	Dr.k.Vanisree	Associate professor	Integrated IOT Solutions for enhanced communication in electrical and electronic systems	2024210079 99A	Published	01/03/2024
2.	Dr.k.Vanisree	Associate professor	IOT Based automated pilldispenser	405600-001	Granted	28/03/2024
3.	Dr.V.Sandeep kumar	Associate professor	AI Based Driver drowsiness detecting device	412603-001	Granted	24/05/2024
4.	S.Vamshi krishna	Associate professor	Artificial intelligence based plastic goods sorting machine	438917-001	Granted	29/11/2024
5.	S.Vamshi krishna	Associate professor	Intelligent Autonomous Agricultural Monitoring and Irrigation System Using AI Powered Sensors and Mechanical Actuators	2025410397 26A	Published	16/05/2025
6.	S.Vamshi krishna	Associate professor	Autonomous robot system with sensor fusion and machine learning for real – time anomaly detection in industrial manufacturing	2025410614 07 A	Published	11/07/2025
7.	Dr.K.Shashidhar	Professor	Intelligent IOT Based smart home automation system using AI-Driven voice assistant and gesture recognition for enhanced user experience and security	2025410751 80A	Published	05/09/2025

8	Dr.K.Shashidhar	Professor	AI-Based Vision Screening Device to detect ocular Abnormalities	464995-001	Granted	13/10/2025
9	Dr.K.Shashidhar	Professor	Intelligent Edge Computing System for Real-time Monitoring and Control of Industrial Equipment	2025410504 15 A	Published	13/6/2025
10.	Dr.G.Deepthi	Associate professor	Intelligent IOT Based smart home automation system using AI-Driven voice assistant and gesture recognition for enhanced user experience and security	2025410751 80A	Published	05/09/2025
11	Ch.Rekha	Assistant Professor	Machine Learning Based Bilevel Positive Airway Pressure Device	444218-001	Granted	24/03/2025
12	Dr.G.Deepthi	Associate professor	Smart Indoor Positioning System Using Ultra Wideband Sensor	2026410216 76A	Published	06/03/2026
13	Parigela Jayanthi	Assistant Professor	Intelligent IOT-Based Smart Home Automation System Using Driven Voice Assistant And Gesture Recognition For Enhanced User Experience And Security	2025410751 80	International classification	22/08/2025

Patents 2024-2025

S. No.	Name of the Faculty Member	Designation/ Department	Title of patent published/awarded	File Number	Published/ Granted	Date of Publication/ Grant
1	Dr. V. Shiva Narayana Reddy	Associate Professor	Ai Powered Precision Farming System For Crop Yield Optimization And Automated Irrigation Control	202541044340 A	International classification	30/05/2025
2	S.Vamshi Krushna	Assistant Professor	Intelligent Autonomous Agricultural Monitoring and Irrigation System using AI Powered Sensors and Mechanical Actuators	202541039726 A	International classification	16/05/2025