



## CMR COLLEGE OF ENGINEERING AND TECHNOLOGY

(UGC AUTONOMOUS)

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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### PAPER PUBLICATIONS FOR THE A.Y-2023-2024

Sl. No.	Author Name	Title	Source title	ISSN	Month & Year	DOI / LINK	Category of publications
1	A Pradeep Kumar	PSSO: POLITICAL SQUIRREL SEARCH OPTIMIZER-DRIVEN DEEP LEARNING FOR SEVERITY LEVEL DETECTION AND CLASSIFICATION OF LUNG CANCER	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND DECESSION MAKING	1793-6845	Jul-23	<a href="https://doi.org/10.1142/S0219622023500189">https://doi.org/10.1142/S0219622023500189</a>	SCI
2	ABDUL SUBHANI SHAIK	Intelligent & Smart Navigation System for Visually Impaired Friends	Advanced Computing	1865-0937	Jul-23	<a href="https://link.springer.com/chapter/10.1007/978-3-031-35641-4_30">https://link.springer.com/chapter/10.1007/978-3-031-35641-4_30</a>	SCOPUS
3	B PREMA LATHA	Intelligent & Smart Navigation System for Visually Impaired Friends	Advanced Computing	1865-0937	Jul-23	<a href="https://link.springer.com/chapter/10.1007/978-3-031-35641-4_30">https://link.springer.com/chapter/10.1007/978-3-031-35641-4_30</a>	SCOPUS
4	MERUGU SURESH	Intelligent & Smart Navigation System for Visually Impaired Friends	Advanced Computing	1865-0937	Jul-23	<a href="https://link.springer.com/chapter/10.1007/978-3-031-35641-4_30">https://link.springer.com/chapter/10.1007/978-3-031-35641-4_30</a>	SCOPUS
5	B PREMA LATHA	COMPACT MIMO ANTENNA WITH MULTIBAND DISPENSATION	Telecommunications and Radio Engineering	1943-6009	Jul-23	10.1615/TelecomRadEng.2023047338	SCOPUS
6	MERUGU SURESH	COMPACT MIMO ANTENNA WITH MULTIBAND DISPENSATION	Telecommunications and Radio Engineering	1943-6009	Jul-23	10.1615/TelecomRadEng.2023047338	SCOPUS
7	ABDUL SUBHANI SHAIK	Content Authentication and Tampered Localization Using Ring Partition and CSLBP-Based Image Hashing	IEEE	IEEE	Nov-23	<a href="https://ieeexplore.ieee.org/document/10311570">https://ieeexplore.ieee.org/document/10311570</a>	IEEE
8	E. N. V Purnachandra Rao	IOT BASED CROP MONITORING AND PROTECTION SYSTEM IN AGRICULTURAL FIELDS USING RASPBERRY PI	International Journal for Innovative Engineering and management Research	2456 – 5083	Aug-23	10.48047/IJIEMR/V12/ISSUE 08/59	UGC
9	A Pradeep Kumar	IOT BASED CROP MONITORING AND PROTECTION SYSTEM IN AGRICULTURAL FIELDS USING RASPBERRY PI	International Journal for Innovative Engineering and management Research	2456 – 5083	Aug-23	10.48047/IJIEMR/V12/ISSUE 08/59	UGC
10	E. N. V Purnachandra Rao	SIGN RECOGNIZATION AND VOICE CONVERSATION FOR DEAF AND DUMB PEOPLE USING DEEP LEARNING	International Journal for Innovative Engineering and management Research	2456 – 5083	Aug-23	10.48047/IJIEMR/V12/ISSUE 08/60	UGC
11	D SUDHA	SIGN RECOGNIZATION AND VOICE CONVERSATION FOR DEAF AND DUMB PEOPLE USING DEEP LEARNING	International Journal for Innovative Engineering and management Research	2456 – 5083	Aug-23	10.48047/IJIEMR/V12/ISSUE 08/60	UGC
12	D SUDHA	RASPBERRY PI BASED VEHICLE NUMBER PLATE RECOGNISATION USING OCR	Juni Khyat	2278-4632	Aug-23	<a href="http://junikhyatjournal.in/no_1_Online_23.html">http://junikhyatjournal.in/no_1_Online_23.html</a>	UGC
13	E. N. V Purnachandra Rao	RASPBERRY PI BASED VEHICLE NUMBER PLATE RECOGNISATION USING OCR	Juni Khyat	2278-4632	Aug-23	<a href="http://junikhyatjournal.in/no_1_Online_23.html">http://junikhyatjournal.in/no_1_Online_23.html</a>	UGC

14	Dr.M.Nagaraju Naik	Face Recognition Based IoT Attendance Monitor System Using Raspberry Pi	Juni Khyat	2278-4632	Sep-23	<a href="http://junikhayatjournal.in/no_1_online_23/1_online_sept.pdf">http://junikhayatjournal.in/no_1_online_23/1_online_sept.pdf</a>	UGC
15	D SUDHA	Face Recognition Based IoT Attendance Monitor System Using Raspberry Pi	Juni Khyat	2278-4632	Sep-23	<a href="http://junikhayatjournal.in/no_1_online_23/1_online_sept.pdf">http://junikhayatjournal.in/no_1_online_23/1_online_sept.pdf</a>	UGC
16	Dr B PREMALATHA	ML BASED SURVILLIANCE SYSTEM FOR DETECTION OF BIKE RIDE WITHOUT HELMET	International Journal for Advanced research in science and technology	2320-1126	Aug-23	<a href="https://ijarst.in/public/uploads/paper/376591693460477.pdf">https://ijarst.in/public/uploads/paper/376591693460477.pdf</a>	UGC
17	D SUDHA	ML BASED SURVILLIANCE SYSTEM FOR DETECTION OF BIKE RIDE WITHOUT HELMET	International Journal for Advanced research in science and technology	2320-1126	Aug-23	<a href="https://ijarst.in/public/uploads/paper/376591693460477.pdf">https://ijarst.in/public/uploads/paper/376591693460477.pdf</a>	UGC
18	P Raveendra Babu	AN INTELLIGENT TRAFFIC MANAGEMENT SYSTEM USING MACHINE LEARNING	International Journal for Advanced research in science and technology	2320-1126	Aug-23	<a href="https://www.ijarst.in/public/uploads/paper/817311693460151.pdf">https://www.ijarst.in/public/uploads/paper/817311693460151.pdf</a>	UGC
19	D SUDHA	AN INTELLIGENT TRAFFIC MANAGEMENT SYSTEM USING MACHINE LEARNING	International Journal for Advanced research in science and technology	2320-1126	Aug-23	<a href="https://www.ijarst.in/public/uploads/paper/817311693460151.pdf">https://www.ijarst.in/public/uploads/paper/817311693460151.pdf</a>	UGC
20	E. N. V Purnachandra Rao	SMART VEHICLE SURVEILLANCE SYSTEM USING RASPBERRY PI	International Journal for Innovative Engineering and management Research	2456 – 5083	Sep-23		UGC
21	D SUDHA	SMART VEHICLE SURVEILLANCE SYSTEM USING RASPBERRY PI	International Journal for Innovative Engineering and management Research	2456 – 5083	Sep-23		UGC
22	Dr J Seetaram	Energy Efficient Routing Algorithm for Future Ad-hoc Wireless Networks	International Journal of Science and Research	2319-7064	Feb-24	<a href="https://dx.doi.org/10.21275/SR24205221635">https://dx.doi.org/10.21275/SR24205221635</a>	UGC
23	Dr M Nagaraju Naik	Energy Efficient Routing Algorithm for Future Ad-hoc Wireless Networks	International Journal of Science and Research	2319-7064	Feb-24	<a href="https://dx.doi.org/10.21275/SR24205221635">https://dx.doi.org/10.21275/SR24205221635</a>	UGC
24	Dr B PREMALATHA	Realization of Different-Shaped Electromagnetic Band Gap Antennas for Wi-Fi Applications	SERBIAN JOURNAL OF ELECTRICAL ENGINEERING	2683-3867	Feb-24	<a href="https://doi.org/10.2298/SJEE2401073P">https://doi.org/10.2298/SJEE2401073P</a>	SCOPUS
25	Dr D Sudha	Probability Driven Double-Edge Triggered Multibit Flip Flop and Clock Gating Integration	International Journal for Research in Applied Science & Engineering Technology	2321-9653	May-24	<a href="https://doi.org/10.22214/ijraset.2024.61785">https://doi.org/10.22214/ijraset.2024.61785</a>	UGC
26	Dr D Sudha	A novel energy efficient 4-bit vedic multiplier using modified GDI approach at 32 nm technology	Heliyon	e31120	May-24	<a href="https://doi.org/10.1016/j.heliyon.2024.e31120">https://doi.org/10.1016/j.heliyon.2024.e31120</a>	SCIE
27	P Annapoorna Bai	Parkinson Disease Detection Using CNN Algorithm	International Journal for Research in Applied Science & Engineering Technology	2321-9653	May-24	<a href="https://doi.org/10.22214/ijraset.2024.61785">https://doi.org/10.22214/ijraset.2024.61785</a>	UGC
28	B Vennala	Circuit Breaker System Using IOT Based Smart Load Control	International Journal for Research in Applied Science & Engineering Technology	2321-9653	May-24	<a href="https://doi.org/10.22214/ijraset.2024.63025">https://doi.org/10.22214/ijraset.2024.63025</a>	UGC
29	Y Aruna Suhasini Devi	Retinal Blood Vessel Segmentation through Morphology Cascaded Features and Supervised Learning	Journal of Scientific & Industrial Research	0975-1084	Mar-24	10.56042/jsir.v8i3i3.1498	SCIE
30	Dr J Seetaram	Internet of Things (IoT) Based Greenhouse Monitoring and Controlling System Using ESP-32	International Journal of Advanced Research in Computer and Communication Engineering	2278-1021	Jun-24	10.17148/IJARCC.2024.13605	UGC
31	Dr J L Divya Shivani	Image Transform and Hybrid Optimization Based Feature Reduction for Leaf Diseases Classification	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Feb-24	<a href="https://doi.org/10.22214/ijraset.2024.58694">https://doi.org/10.22214/ijraset.2024.58694</a>	UGC

32	Dr Veera Babu A	Image Transform and Hybrid Optimization Based Feature Reduction for Leaf Diseases Classification	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Feb-24	<a href="https://doi.org/10.22214/ijraset.2024.58694">https://doi.org/10.22214/ijraset.2024.58694</a>	UGC
33	Dr Veera Babu A	Smart Blind Stick Using ESP32	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Mar-24	<a href="https://doi.org/10.22214/ijraset.2024.59614">https://doi.org/10.22214/ijraset.2024.59614</a>	UGC
34	Dr Veera Babu A	Intelligent Microcontroller-Based Doorbell Communication	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Apr-24	<a href="https://doi.org/10.22214/ijraset.2024.59643">https://doi.org/10.22214/ijraset.2024.59643</a>	UGC
35	Dr Veera Babu A	Smart Helmet For Coal Miners For Monitoring And Alerting	International Journal Of Creative Research Thoughts	2320-2882	Apr-24	<a href="https://www.ijert.org/papers/IJCR2404213.pdf">https://www.ijert.org/papers/IJCR2404213.pdf</a>	UGC
36	Dr J L Divya Shivani	Student Attendance and Classroom Monitoring System Using IOT	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Apr-24	<a href="https://doi.org/10.22214/ijraset.2024.59888">https://doi.org/10.22214/ijraset.2024.59888</a>	UGC
37	Dr J L Divya Shivani	Smart Home Warning System Using ESP- 32 Cam	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Apr-24	<a href="https://doi.org/10.22214/ijraset.2024.60280">https://doi.org/10.22214/ijraset.2024.60280</a>	UGC
38	Dr J L Divya Shivani	Dual Axis solar power tracking using ESP32	International Journal of all research education and scientific methods	2455-6211	Apr-24	<a href="https://www.ijaresm.com/dual-axis-solar-power-tracking-using-esp32">https://www.ijaresm.com/dual-axis-solar-power-tracking-using-esp32</a>	UGC
39	N Prameela	Smart Traffic Light Control System Using Arduino Mega	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Apr-24	<a href="https://doi.org/10.22214/ijraset.2024.60997">https://doi.org/10.22214/ijraset.2024.60997</a>	UGC
40	N Prameela	Innovative Arduino Accident Prevention Technology	International Journal for Research in Applied Science & Engineering Technology	2321-9653	May-24	<a href="https://doi.org/10.22214/ijraset.2024.63007">https://doi.org/10.22214/ijraset.2024.63007</a>	UGC
41	Dr R Bhargav Ram	Smart Control of Traffic Light Using Image detection	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63180">https://doi.org/10.22214/ijraset.2024.63180</a>	UGC
42	B Vennala	RFID-GSM Automatic Gate Control for Highly Secure Organizations	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63190">https://doi.org/10.22214/ijraset.2024.63190</a>	UGC
43	Dr B PREMALATHA	Design of UWB Antenna with Band Rejection Characteristics Using EBG Structures	The Institution of Engineers		Jun-24	<a href="https://doi.org/10.1007/s40031-024-01076-1">https://doi.org/10.1007/s40031-024-01076-1</a>	SCOPUS
44	ABDUL SUBHANI SHAIK	Design of UWB Antenna with Band Rejection Characteristics Using EBG Structures	The Institution of Engineers		Jun-24	<a href="https://doi.org/10.1007/s40031-024-01076-1">https://doi.org/10.1007/s40031-024-01076-1</a>	SCOPUS
45	Dr J Sectaram	An IOT Based System for Early Identification & Monitoring of Covid-19	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63180">https://doi.org/10.22214/ijraset.2024.63180</a>	UGC
46	ABDUL SUBHANI SHAIK	Comparative Study on Face Identification Algorithms	International Journal of AdvancedResearch in Science, Engineering and Technology	2350-0328	Apr-24	<a href="https://www.ijarset.com/upload/2024/april/20-sasubhani-23.pdf">https://www.ijarset.com/upload/2024/april/20-sasubhani-23.pdf</a>	UGC
47	ABDUL SUBHANI SHAIK	A Invisible Watermark For Digital Images	International Journal of AdvancedResearch in Science, Engineering and Technology	2350-0328	Apr-24	<a href="https://www.ijarset.com/upload/2024/april/18-sahubhani-22.pdf">https://www.ijarset.com/upload/2024/april/18-sahubhani-22.pdf</a>	UGC
48	Dr R Bhargav Ram	Deep learning safeguard exploring GANs for robust security in open environments	Enhancing security in public spaces through generative adversarial networks (GANs)	13:9781668481271	May-24	10.4018/979-8-3693-3597-0.ch009	Book Chapter, IGI Global

49	P Annapoorna Bai	Advanced Car Parking and Billing System	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.62109">https://doi.org/10.22214/ijraset.2024.62109</a>	UGC
50	K Anusha	Internet of Things (IoT) Based Home Automation Using ESP-32	International Journal for Research in Applied Science & Engineering Technology	2321-9653	May-24	<a href="https://doi.org/10.22214/ijraset.2024.61912">https://doi.org/10.22214/ijraset.2024.61912</a>	UGC
51	Dr R Bhargav Ram	Lung Cancer Detection using Ensemble Algorithms	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.62109">https://doi.org/10.22214/ijraset.2024.62109</a>	UGC
52	Dr P Ravi Kiran	FPGA Implementation of 256-Bit Key AES Algorithms	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63028">https://doi.org/10.22214/ijraset.2024.63028</a>	UGC
53	Dr P Ravi Kiran	Design and Implementation of 6-TSRAM using FINFET	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://www.ijraset.com/best-journal/design-and-implementation-of-6t-sram-using-finfet">https://www.ijraset.com/best-journal/design-and-implementation-of-6t-sram-using-finfet</a>	UGC
54	B Venkata Ramanaiah	Internet of Things (IOT) Based Military Surveillance	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63121">https://doi.org/10.22214/ijraset.2024.63121</a>	UGC
55	B Venkata Ramanaiah	Advanced Automation Detection of Cracks in Railway	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63437">https://doi.org/10.22214/ijraset.2024.63437</a>	UGC
56	B Venkata Ramanaiah	Development of a Smart LPG Monitoring and Automatic refill system	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63237">https://doi.org/10.22214/ijraset.2024.63237</a>	UGC
57	K Siva Kumari	Advancement in Water Treatment	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63471">https://doi.org/10.22214/ijraset.2024.63471</a>	UGC
58	Dr R Bhargav Ram	Extraction of Main Urban Roads from High Resolution Satellite Images by Machine Learning	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63248">https://doi.org/10.22214/ijraset.2024.63248</a>	UGC
59	G Narendra	Automatic Medicine Reminder for Elder People Using Real Time Clock Module	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Jun-24	<a href="https://doi.org/10.22214/ijraset.2024.63384">https://doi.org/10.22214/ijraset.2024.63384</a>	UGC

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