

LIST OF FACULTY PUBLICATIONS ALONG WITH DOIs AND PUBLICATION DETAILS IN THE ACADEMIC YEAR 2022-2023

S.No	Name of the authors	Title of the paper	Name of the journal	Month and Year of Publish	Volume/Issue	ISSN	Is It SCI/SCOPUS/UGC CARE JOURNAL	DOI / Link to access paper
JOURNALS								
1	A.Theja	Performance assessment of charge plasma based hetero-structure VTFET biosensor for linearity enhancement	International Journal of Numerical Modelling	Jun-23	Volume 37, Issue 1	Online ISSN:1099-1204 Print ISSN:0894-3370	SCI	https://doi.org/10.1002/jnm.3142
2	A.Vikas	Realization of high-speed logic functions using heterojunction vertical TFET.	Applied Physics A	Feb-23	Volume 129	Electronic ISSN 1432-0630 Print ISSN 0947-8396	SCI	https://doi.org/10.1007/s00339-023-06419-1
3	Dr. M.Girish Kumar	Signal Integrity Assessment of GNR/FET-Based Ternary Logic for Multi Layered GNR Interconnects with Dielectric Insertion	ECS Journal of Solid State Science and Technology	April, 2023	Volume 12, Number 4	ISSN: 2162-8777	SCI	http://doi.org/10.1149/2162-8777/acc68b
4	Dr. M.Girish Kumar	Neural Network-based Fast and Intelligent Signal Integrity Assessment Model for Emerging MWCNT Bundle On-Chip Interconnects in Integrated Circuit	IETE Journal of Research	Febraury, 2023	Volume 70, Issue 3	Print: 0377-2063 Online: 0974-780X	SCI	https://doi.org/10.1080/03772063.2023.2177201
5	S.SAI SREE ANDAL	POWER MANAGEMENT OF RENEWABLE ENERGY BY USING MICROGRID VIA IOT	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR)	April 2023	Volume XV, Issue III	ISSN NO: 0022-1945	UGC CARE JOURNAL	https://drive.google.com/file/d/1ubyCj0djZRC8nkfMaye9q12e_UcU7fw5/view
6	B.SWAPNA	SOLAR POWER FARM MONITORING SYSTEM FOR RURAL AREAS USING LORA AND IOT	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE	Apr-23	Volume 13 Issue 4 - 2023	ISSN: 1548-7741	UGC CARE JOURNAL	https://drive.google.com/file/d/1vi6NsH9H2T7RX7NVMGPXr0ZSJv83ZyFK/view

7	g venkata subbarao	attendance monitoring system using face recognition	IJCRT	April 2023	Volume 11, Issue 4	ISSN:2320-2882	UGC approved journal	https://www.ijcrt.org/papers/IJCRT2304724.pdf
8	S.SAI SREE ANDAL	HYBRID AGRICULTURAL ROBOT	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR)	Apr-23	Volume XV, Issue IV	ISSN NO: 0022-1945	UGC CARE JOURNAL	https://drive.google.com/file/d/1n3ZWebPGj72YF5pBIWkETtHA5nHd5vlt/view
9	M VIJAY BABU	A TENSOR APPROACH FOR ACTIVITY RECOGNIZATION AND FALL DETECTION USING WEARABLE INERTIAL SENSORS	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR)	Apr-23	Volume XV, Issue IV	ISSN NO: 0022-1945	UGC CARE JOURNAL	https://drive.google.com/file/d/1sromWawg9osKggp13zFpGDvsRE1YS-Bx/view
10	M VIJAY BABU	IOT BASED VIRTUAL DOCTOR USING RASPBERRY PI	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR)	Apr-23	Volume XV, Issue IV	ISSN NO: 0022-1945	UGC CARE JOURNAL	https://drive.google.com/file/d/102PRDmfNa6qDXjpcMKZQvqO01N8GN9w9/view
11	Dr Mahesh	Dynamic Traffic Monitoring And Controlling Using Image Processing	Journal of Information and Computational Science	Apr-23	Volume 13 Issue 4	ISSN: 1548-7741	UGC CARE JOURNAL	https://drive.google.com/file/d/18vbAYvfqjpMvqXlzwshL48V_7AAqj2W/view
12	Dr Mahesh	Cloud Based Node Point Pressure Analysis of Heart with Remote Doctor Assistance	Journal of Interdisciplinary Cycle Research	Apr-23	Volume XV, Issue IV	ISSN NO: 0022-1945	UGC CARE JOURNAL	https://drive.google.com/file/d/1IR5oOQho98x059n11ZkBrWNdVSLj4bfj/view
13	Dr B Swapna Rani	High Speed Area Efficient VLSI architecture of three Operand Binary Adder	International Journal of Creative Research Thoughts	Apr-23	Volume 11 Issue 4 - 2023	ISSN:2320-2882	UGC CARE JOURNAL	https://drive.google.com/file/d/1IU1GfK-iwaa0HYbV0dyvyiZOml_y_hcy-/view?usp=sharing
14	Dr B Swapna Rani	Smart Surveillance Robot for Military Applications using IoT	International Journal of Creative Research Thoughts	Apr-23	Volume 11 Issue 4 - 2023	ISSN:2320-2882	UGC CARE JOURNAL	https://drive.google.com/file/d/1ITP_LAgta1tWbJT9y_kWIL-ird_NMOR/view?usp=drive_link
15	M VIJAY BABU	ULTRASONIC SONAR SYSTEM FOR DEFENSE APPLICATION USING IOT	IJCRT	Apr-23	Volume 11, Issue 4	ISSN: 2320-2882	UGC CARE JOURNAL	https://ijcrt.org/papers/IJCRT2304666.pdf

16	CH.DIVYA	A SMART HELMET FOR AIR QUALITY AND HAZARDOUS EVENT DETECTION IN THE MINING INDUSTRY	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR)	Apr-23	Volume XV, Issue IV	ISSN NO: 0022-1945	UGC CARE JOURNAL	https://drive.google.com/file/d/1CyuveWzG6lvrwJvetna1usi9PiJ3fHPc/view
17	CH.DIVYA	360 DEGREE ULTRASONIC SONAR FOR DEFENSE APPLICATION WITH AUTOMATIC SHOOTING AND MONITORING	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR)	Apr-23	Volume XV, Issue IV	ISSN NO: 0022-1945	UGC CARE JOURNAL	https://drive.google.com/file/d/1UwuqOL3j1Oy7iKv9QT81CQXrXs9paTil/view
18	G.MAHESH	SMART SAFETY DEVICE FOR WOMEN USING IoT	International Journal of Creative Research Thoughts	Apr-23	Volume 11, Issue 3	ISSN: 2320-2882	UGC CARE JOURNAL	https://ijert.org/papers/IJCRT2303878.pdf
19	G.MAHESH	SMART AGRICULTURE SYSTEM USING IOT AND MACHINE LEARNING	International Journal of novel Recsearch and Delepoment	Apr-23	Volume 8, Issue 4	ISSN:190323	UGC CARE JOURNAL	https://www.ijnrd.org/papers/IJNRD2304127.pdf
20	M Gnanesh	Development of the Fast and accurate method for the segmentation of diabetic foot ulcer images	Journal of Information and Computational Science	Apr-23	Volume 13, Issue 4	ISSN: 1548-7741	UGC CARE JOURNAL	https://drive.google.com/file/d/1lIHtKB8UGV_mxrQL250X5idpSLNNwmC0/view
21	M Gnanesh	sensor based waste water monitoring and securing agriculture using IOT	Journal of Interdisciplinary Cycle Research	Apr-23	Volume XV, Issue IV	ISSN NO: 0022-1945	UGC CARE JOURNAL	https://drive.google.com/file/d/14k64Ybv_p5Zr917c_ka37556DkUIHAGOh/view
22	P MANGA RAO	vehicle license plate detection and recognition using YOLO and optical character recognition	international journal of techno engineering	Apr-23	Volume XV, Issue III	ISSN: 2057-5688	UGC CARE JOURNAL	http://ijte.uk/archive/2023/VEHICLE-LICENSE-PLATE-DETECTION-AND-RECOGNITION-USING-YOLO-AND-OPTICAL-CHARACTER-RECOGNITION.pdf

23	P MANGA RAO	IOT BASED SMART FARMING UNDER ARTIFICIAL ENVIRONMENT FOR MARS	INTERNATION AL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	Apr-23	Volume 9, Issue 11	ISSN: 2349- 6002	UGC CARE JOURNAL	https://ijirt.org/publishedpaper/IJIRT159249_PAPER.pdf
24	Dr. K. PADMAJA DEVI	CROP RECOMMENATION AND YIELD PREDICTION BASED ON GEOGRAPHICAL LOCATION WITH WEB INTERFACE	Dogo Rangsang Research Journal	Apr-23	Vol. 13, Issue. 4	ISSN 2347- 7180	UGC CARE JOURNAL	https://journal-dogorangsang.in/no_1_Online_23/55_apr.pdf
25	Dr.P.Gayathri	Wireless Solar Power Bank	International Journal of novel Recsearch and Delepoment	Apr-23	Volume 8, Issue 4	ISSN: 2456- 4184	UGC CARE JOURNAL	https://www.ijnrd.org/papers/IJNRD2304025.pdf
26	G.Anitha Chowdary	Prediction of lung cancer using deep learning	IJCRT	Apr-23	Volume 11, Issue 4	ISSN: 2320- 2882	UGC CARE JOURNAL	https://ijcrt.org/papers/IJCRT2304244.pdf
27	Dr.P.Gayathri	Solar powered coin insertion based smart mobile charger	IJCRT	Mar-23	Volume 11 Issue 3	ISSN: 2320- 2882	UGC CARE JOURNAL	https://www.ijcrt.org/papers/IJCRT2303821.pdf
28	G.Anitha Chowdary	Movable road divider for vehicular traffic control with monitoring over IoT	IJCRT	Apr-23	Volume 11, Issue 4	ISSN: 2320- 2882	UGC CARE JOURNAL	https://ijcrt.org/papers/IJCRT2304711.pdf
29	Dr. Sukanya K	Air Pollution Monitoring and Controlling Using IOT for Wireless Sensor Networks	Mukt Shabd Journal	April/2023	Volume XII, Issue IV	ISSN NO: 2347-3150	UGC CARE JOURNAL	https://drive.google.com/file/d/1f0qTj7frDx0fVODZ4PKujz0X9dzJpMzl/view
30	Dr. Sukanya K	A Smart and Secure Single ATM Card for Multiple Bank Accounts	Industrial Engineering Journal	April: 2023	Volume: 52, Issue 4	ISSN: 0970- 2555	UGC CARE JOURNAL	http://www.journal-iiie-india.com/1_apr_23/243_online.pdf
31	Dr. K. PADMAJA DEVI	SKIN DISEASE DIAGNOSIS USING CNN WITH SVM TECHNIQUES	IJCRT	Mar-23	Volume 11, Issue 3	ISSN: 2320- 2882	UGC CARE JOURNAL	https://ijcrt.org/papers/IJCRT2303852.pdf
32	M.Jagruthi	An Automatic System for controlling deforestation using IOT	IJCRT	Apr-23	Volume 11, Issue 4	ISSN: 2320- 2882	UGC CARE JOURNAL	https://ijcrt.org/papers/IJCRT2304502.pdf
33	M.JAGRUTHI	IOT based fire detection and fire controlling robot	JOICS	Apr-23		ISSN: 1548- 7741	UGC Care journal	

34	Dr .P.Gayathri	Smart helmet and fuel theft detector using ATMEGA328P	International Journal of novel Recsearch and Delepoment	Apr-23	IJNRD Volume 8, Issue 4	IJNRD Volume 8, Issue 4	UGC CARE JOURNAL	https://ijnrd.org/papers/IJNRD2304331.pdf
35	Dr.P.VENKATA LAVANYA	Solar Energy Tracking system using Arduino	Journal of Fundamental & Comparative Research	Apr-23	vol IX,Issue-1, April 2023.	ISSN: 2277-7067	UGC CARE JOURNAL	https://scholar.google.com/citations?authuser=1&user=nGKBzi8AAAAJ
36	Dr.P.VENKATA LAVANYA	IOT Based Coal Mine Safety Monitoring and Alerting System	Journal of Fundamental & Comparative Research	Apr-23	vol IX,Issue-1, May 2023.	ISSN: 2277-7067	UGC CARE JOURNAL	https://scholar.google.com/citations?authuser=1&user=nGKBzi8AAAAJ
37	SATYANARAYANA M	Biometric-Based Electronic Voting System	IJRASE	April-2023	volume 11,issue 04		UGC Care Journal	https://doi.org/10.22214/ijraset.2023.50796
38	SATYANARAYANA M	FIRE DETECTION AND AUTOMATIC WATER SPRINKLER SYSTEM USING IOT	IJCRT	April-2024	volume 11,issue 04	ISSN:2320:2882	UGC Care Journal	https://www.ijert.org/papers/IJCRT2304582.pdf
39	M.CHAITANYA	AN IOT BASED MUSHROOM CULTIVATION MONITORING SYSTEM	IJCRT	Apr-23		ISSN:2320:2882	ugc care journal	https://www.ijert.org/papers/IJCRT234487.pdf
40	M.CHAITANYA	plant diseases detection using machine learning	IJCRT	Apr-23		ISSN:2320:2882	ugc care journal	http://www.ijert.org/papers/IJCRT2304496.pdf
41	M.CHAITANYA	recognition of disease using skin capture	IJCRT	Apr-23		ISSN:2320:2882	ugc care journal	http://www.ijert.org/papers/IJCRT234597.pdf
42	J. SRAVANTHI	IMPLEMENTATION OF SMART SOPHISTICATED POWER METER USING IOT	JOICS	Mar-23	VOLUME 13, ISSUE 3	ISSN: 1548-7741	UGC Care Journal	DOI:10.12733.JICS.2023.V13I3.535569.77634
43	A.HARITHA	AUTOMATED SOLAR GRASS CUTTER USING ESP32 AND GSM	IJCRT	Apr-23	VOL 11 ISSUE 4	ISSN:2320:2882	0	http://ijert.org/viewfull.php?&p_id=IJCRT2304324
44	A.HARITHA	SECURING MEDICAL IMAGES USING ENCRYPTION AND LSB STEGANOGRAPHY	Journal of Fundamental & Comparative Research	January – June : 2023	Vol. IX, Issue I, No. 4,	ISSN: 2277-7067	UGC Care Journal	https://drive.google.com/file/d/1GmJcrhA4PmziGZSgqLJ2NAPzTepEDILS/view?usp=drive_link

45	RNS KALPANA	ADVANCED RAILWAY TRACKFAULT DETECTIONANDREPOTIONG OVER INTERNET OVET IOT	IJCRT	Apr-23	VOL 11 ISSUE 4	ISSN:2320:2882	ugc care journal	https://ijcrt.org/papers/IJCRT2304658.pdf
46	RNS KALPANA	MOTION BASED TIME-LAPSE CAMERA WITH STORAGE OPTIMIZATION	JES	Apr-23	Vol 14 Issue 04,2023	ISSN:0377-9254	ugc care journal	https://jespublication.mlsoft.in/upload/2023-V14I4031.pdf
47	J SRAVANTHI	Authenticated Access Control for Vehicle Ignition System by Smart Card and Fingerprint Technology	JOICS	Apr-23	VOLUME 13, ISSUE 4	ISSN:1548-7741	ugc care journal	https://drive.google.com/file/d/1d_43Ozud9_iEAacaAtG4-RBMamiKKpHe/view
48	J SRAVANTHI	IoT Based Monitoring System for Comatose Patients	JICR	Mar-23	VOLUME XV, ISSUE III	ISSN:0022-1945	ugc care journal	https://drive.google.com/file/d/1Z56UBBw3QUom5dR6PI7B48scZK9qYox-/view
49	E.PRABHAKAR	INTELLIGENT CHILD SAFETY SYSTEM USING MACHINE LEARNING IN IoT DEVICES	IJNRD	April-2023	Volume 8, Issue 4	ISSN: 2456-4184	UGC Care Journal	https://www.ijnrd.org/papers/IJNRD2304468.pdf
50	E.PRABHAKAR	FACE RECOGNITION DOOR LOCK SYSTEM USING RASPBERRY PI	IJNRD	April-2023	Volume 8, Issue 4	ISSN: 2456-4184	UGC Care Journal	https://ijnrd.org/viewpaperforall?paper=IJNRD2304340
51	S.BALAKRISHNA	SMART SOLAR BASED PLANT GROWTH MONITORING SYSTEM USING IoT	JICR	Apr-23	Vol XV Issue IV,APR-2023	ISSN:0022-1945	ugc care journal	https://drive.google.com/file/d/1U2b1WKcyupLfiFaUqq83_mRk1H93xTLH/vjew
52	v.jhansi reddy	detection of traffic rule violation using machine leaning	IJAEMA	45405	VOLUME 15 ISSUE 4	ISSN: 0886:9367	UGC Care Journal	https://drive.google.com/file/d/1m6ePabeRnl4miSV63xczCCAqVQhZGMron/view
53	v.jhansi reddy	UNDER GROUND CABLE FAULT DETECTION USING ARDUINO	IJCRT	45405	VOLUME 11 ISSUE 4	ISSN: 2330:2882	UGC Care Journal	https://ijcrt.org/papers/IJCRT2304828.pdf
54	Dr Mahesh	Cloud Based Node Point Pressure Analysis of Heart with Remote Doctor Assistance	JICR	April 2023	Vol.XV, Issue IV	ISSN: 0022-1945	UGC Care journal	https://drive.google.com/file/d/1IR5oOQho98x059n11ZkBrWNdVSLj4bfj/view

55	Dr Mahesh	Dynamic Traffic Monitoring And Controlling Using Image Processing	JOICS	April 2023	Vol 13., issue 4	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/18vbAYvfqjpMvqXlZwhSHL48V_7AAqx2W/view
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CONFERENCES								
Sl. No	Name of the author	Title of the paper	Name of the Conference	Year of publish		DOI/Link to access conference		
1	Dr. M.Girish Kumar	Effective Low Power ALU Design with Incorporation of MWCNTB On-chip Interconnects	IEEE 24th Electronics Packaging Technology Conference (EPTC)	Dcember, 2022	IEEE	https://doi.org/10.1109/EP-TC56328.2022.10013187		
2	Dr. M.Girish Kumar	Process variations in dielectric inserted side contact multilayer graphene nanoribbon interconnects using montecarlo simulations	IEEE 24th Electronics Packaging Technology Conference (EPTC)	Dcember, 2022	IEEE	https://doi.org/10.1109/EP-TC56328.2022.10013293		
3	Dr. P. Venkata Lavanya	Image Denoising using DT-CWT with ANN and Grey Wolf Optimization GWO	3 rd international conference on Artificial conference on	April 23,24 2023	Springer	https://doi.org/10.1007/978-981-19-7041-2_20		
4	RNS KALPANA	A SURVEY ON DEEPLARNING TRECHNIQUES ON ANOMALY	ISST-2022	August, 2022	Springer	https://doi.org/10.1007/978-981-19-7041-2_20		