

LIST OF FACULTY PUBLICATIONS ALONG WITH DOIs AND PUBLICATION DETAILS IN THE ACADEMIC YEAR **2023-2024**

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.Vikas	Effect of ITC on Boolean functionality of n-type heterojunction vertical TFETs	Microelectronics (Elsevier)	October, 2023	Volume 142	Online ISSN: 1879-2391 Print ISSN: 0959-8324	SCI JOURNAL	https://doi.org/10.1016/j.mejo.2023.105988
2	A.Theja & A.Vikas	High-Selectivity-Based Novel Split-Gate VTFET Biosensor for Identification of SARS-CoV-2	ECS Journal of Solid State Science and Technology	March,2024	Volume 13, Issue 3	ISSN: 2162-8777	SCI JOURNAL	https://doi.org/10.1149/2162-8777/ad2f6c
3	Dr.P.VENKATA LAVANYA	Hyperspectral crop image classification via ensemble of training	Web Intelligence	26 April 2024	Volume 22, Issue 4	ISSN print 1570-1263, ISSN online 1875-9289	Scopus JOURNAL	10.3233/WEB-230209
4	K. Santoshi	wireless sensor networks base machine learning or precision agriculture	ijert	10 octoer 2023	Volume 11, Issue 10	ISSN: 2320-2882	UGC care journal	https://www.ijert.org/papers/IJCRT2310316.pdf
5	B.Swapna	Arduino-Android Based Smart farming aid	IJRAR	April,2024	Volume 11, Issue 2	E-ISSN 2348-1269, P-ISSN 2349-5138	UGC care journal	http://ijrar.org/viewfull.php?&p_id=IJRAR24B1589 https://drive.google.com/file/d/1FGnwlwRE9W2BUKAeVqYphxaCGNwHaPH/view
6	CH.DIVYA	SMART CAMPUS – A DIGITAL TRANSFORMATION USING IoT	JOICS	April,2024	VOLUME 14,ISSUE 4	ISSN: 1548-7741	UGC care journal	https://drive.google.com/file/d/1FGnwlwRE9W2BUKAeVqYphxaCGNwHaPH/view

7	CH.DIVYA	CROP SAFEGUARDING SYSTEM	JOICS	April,2024	VOLUME 14,ISSUE 4	ISSN: 1548-7741	UGC care journal	https://drive.google.com/file/d/1V6W9b51e9tF8QvK57astowg6IQhSuH3L/view
8	CH.DIVYA	SECURING JOURNEYS: ROAD SAFETY SOLUTIONS FOR PASSENGER CARS	JOICS	April,2024	VOLUME 14,ISSUE 4	ISSN: 1548-7741	UGC care journal	https://drive.google.com/file/d/1rBb40IXtk-bcZeEob9CtU2JAqxo7pOTX/view
9	D.SWATHI	INNOVATIVE PROTECTION OF VALUABLE TREES FROM SMUGGLING USING RFID AND SENSORS	JOICS	April,2024	VOLUME 14,ISSUE 4	ISSN: 1548-7741	UGC care journal	https://drive.google.com/file/d/1zjE9DoSWiJEvC4aAp4JVzJReIYp_LWPR/view
10	D.SWATHI	INTELLIGENCE FOOD AND GRAIN STORAGE MANAGEMENT SYSTEM FOR WAREHOUSE	IJCRT	April,2024	VOLUME 12,ISSUE 4	ISSN: 2320-2882	UGC care journal	https://www.ijcrt.org/papers/IJCRT2404427.pdf
11	M.GNANESH	Intelligent surveillance system for riders without helmet and triple riding detection on two wheelers	JOICS	April,2024	VOLUME 14,ISSUE 4	ISSN: 1548-7741	UGC care journal	https://drive.google.com/file/d/17TneGmsJT7PS-Ap6R_137Ibw_wKSK80C/view
12	M.GNANESH	An efficient fruit identification and ripeness detection using CNN algorithm	JOICS	April,2024	VOLUME 14,ISSUE 4	ISSN: 1548-7741	UGC care journal	JOICS - 7253.pdf - Google Drive
13	J SRAVANTHI	INTELLIGENT SURVEILLANCE AND NIGHT PATROLLING USING DRONE	JOICS	April,2024	VOLUME 14, ISSUE 4	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1yKsIII-DNn9IRxh9rGwXXuczjWq84RWx/view
14	J SRAVANTHI	DESIGN OF DRAM SENSE AMPLIFIER USING 22nm TECHNOLOGY	IJRAR	April 2024	VOLUME 11, ISSUE 2	P- ISSN 2349-5138	UGC Care Journal	https://www.ijrar.org/papers/IJRAR24B1596.pdf
15	S.ANUSHA	SMART HELMET AND ACCIDENT IDENTIFICATION SYSTEM USING IOT	JOICS	April 2024	VOLUME 14, ISSUE 4	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1H-rEOO7H4aQwOscIgj_03VhML0z5FfsO/view
16	B.Swapna	Patient health monitoring system using IoT	JOICS	April 2024	Volume 14 Issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1w3HK7mEpdn0QxF LqTX_IJYi21WL3E0fZ/view

17	Dr. J. Sunitha Kumari	Detection of Earthquake in Forest using IOT	IJRAR	April 2024	Volume 11, Issue 2	ISSN:2349-5138	UGC Care Journal	https://www.ijrar.org/papers/IJRAR24B1489.pdf
18	Dr. J. Sunitha Kumari	Low Power 3-Bit Encoder Design using Memristor	IJRAR	April 2024	Volume 11, Issue 2	ISSN:2349-5138	UGC Care Journal	https://www.ijrar.org/papers/IJRAR24B1593.pdf
19	Dr. Sukanya K	DESIGN AND ANALYSIS OF VARIABLE N-T SRAM CELLS USING 22nm TECHNOLOGY	IJRAR	April 2024	Volume 11, Issue 3	ISSN:2349-5138	UGC Care Journal	https://www.ijrar.org/papers/IJRAR24B1585.pdf
20	Dr. Sukanya K	EARLY PEST DETECTION FROM CROP USING IMAGE PROCESSING AND COMPUTATIONAL INTELLIGENCE	JOICS	April 2024	VOLUME 14, ISSUE 4	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/16HHCgTRxhu48BFSGJ1PPz78PcfVfGem9/view
21	RNS KALPANA	IOT based system for detecting abnormal health Rate using machine learning	JOICS	April 2024	VOL-14 ISSUE 4	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/16tJ5sXTv3jSToJwiWpLv-ns_lmO5cId7/view
22	K Shalini	A smart helmet for underground mining workers	JOICS	4/1/2024	VOL-14 ISSUE 4	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1hRwrzm3cHbjS_w6akegYnGepvQL5xJrs/view
23	K Shalini	TOMATO LEAF DISEASE DETECTION USING CNN AND MONITORING TEMPERATURE AND MOISTURE	IJRSET	April 2024	VOL-13 ISSUE 4	ISSN: 2319-8753	UGC Care Journal	https://www.ijirset.com/upload/2024/april/108_Tomato.pdf
24	K Shalini	Email spam detection using machine learning	JOICS	April 2024	VOL-14 ISSUE 4	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1HgghNLzmfz8me50GVYGF1pu3rRa76gO/view
25	G Anitha Chowdary	NONINVASIVE GLUCOSE MONITORING	IJCRT	April 2024	volume 12,issue 04	ISSN: 2320-2882	UGC Care Journal	https://www.ijcrt.org/papers/IJCRT2404714.pdf
26	G.MAHESH	INTELLIGENCE SURVEILLANCE SUPPORT SYSTEM	IJCRT	April 2024	volume 12,issue 04	ISSN: 2320-2882	UGC Care Journal	https://www.ijcrt.org/papers/IJCRT2404599.pdf
27	G.MAHESH	Automatic Watering System for Plants Using Raspberry Pi Pico	IJRSET	April 2024	volume 13,issue4	ISSN: 2319-8753	UGC Care Journal	https://www.ijirset.com/upload/2024/april/84_Automatic.pdf

28	Dr.P.VENKATA LAVANYA	IoT BASED SMART FLOOD FORCASTING AND WARNING SYSTEM	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1kvxSAI4deUkVZZMPalRAbDmZoTD39mDJ/view
29	Dr.P.VENKATA LAVANYA	CHILD RESCUE ALARM SYSTEM FOR THE PREVENTION OF CHILD DROWING	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1kvxSAI4deUkVZZMPalRAbDmZoTD39mDJ/view
30	Dr.P.VENKATA LAVANYA	SMART SHOPPING CART USING RFID	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1kvxSAI4deUkVZZMPalRAbDmZoTD39mDJ/view
31	Dr.P.GAYATHRI	METRO AUTOMATIC TICKETING SYSTEM USING VERILOG HDL	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1C7S6q_lyDxa03pcFbkNMxD6GVXoMCP_2/view
32	Dr.P.GAYATHRI	AIR POLLUTION MONITORING SYSTEM USING IoT	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1C7S6q_lyDxa03pcFbkNMxD6GVXoMCP_2/view
33	Dr.P.GAYATHRI	IMPLEMENTATION OF KOGGESTONE ADDER IN THREE OPERAND BINARY ADDER	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1C7S6q_lyDxa03pcFbkNMxD6GVXoMCP_2/view
34	m chaitanya	transmission gate based 8T SRAM cell for BIO memory applications	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	
35	M Indira	Forest innovation protection of trees from smuggling	IJCRT	April 2024	volume 12, issue 04	ISSN: 2320-2882	UGC Care Journal	https://www.ijcrt.org/papers/IJCRT2404443.pdf
36	M Indira	Home switching automation using IOT system via telegram app	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1DujYnVfRP7FsbwsIsL9YfNH5g3qCu-mo/view
37	A.HARITHA	TRAIN MONITORING AND CONTROLLING SYSTEM	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1f5F1zrkqFplROWloWRbetkrPBEUHa6Yo/view

38	A.HARITHA	SMART CROP AND RAIN PROTECTION USING GSM	JOICS	April 2024	volume 14,issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/19L2buT7T7IU9ltdwRVtaE4gXalwK7ueX/view
39	SATYANARAYANA	DEFECT DETECTION TOMATO FRUIT USING IMAGE DATA SET	IJRASET	April-2024	volume 12,issue 04	ISSN: 2321-9653	UGC Care Journal	https://doi.org/10.22214/ijraset.2024.60234
40	P MANGA RAO	MULTIFUNCTIONAL BLIND STICK USING IOT	IJRAR	April-2024	volume 11,issue 2	ISSN:2349-5138	UGC Care Journal	www.ijrar.org
41	P MANGA RAO	A HYBRID APPROACH TO CHARGE MOBILE PHONE BATTERY	JOICS	April-2024	volume 14, issue 04	ISSN:1548-7741	UGC Care Journal	https://drive.google.com/file/d/15VtEtuC9AIISvhuwco6kXrA16CiC39gl/view
42	S.SWATHI	ATM THEFT DETECTION ,INTIMATION AND AUTO ARRESTING SYSTEM	IJRAR	April-2024	volume 11,issue 2	ISSN 2349-5138	UGC Care Journal	http://ijrar.org/viewfull.php?&p_id=IJRAR24B1754
43	Dr. B. Swapna Rani	Automatic Drowsiness detection and alerting System for IT Employees	JOICS	April-2024	volume 14, issue 04	ISSN: 1548-7741	UGC care Journal	https://drive.google.com/file/d/1fSexPpSe-mjd0YBALrICBM3HMBwhA3Iy/view
44	R.N.S. KALPANA	SOLDIER HEALTH MONITORING AND POSITION TRACKING SYSTEM USING IoT	JOICS	April-2024	VOL-14 ISSUE 4	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1x6Jqz3SaZUnmApbjxAV9DW-u3gldLv3/view
45	Dr. B. Swapna Rani	Design and analysis of Approximate Compressors and Multiplication	JOICS	April-2024	volume 14, issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1D6O9vSK1870b625Xk4Ya1xKqd13nvT2T/view
46	Dr. B. Swapna Rani	EFFICIENT IMPLEMENTATION OF AES ALGORITHM	JOICS	April-2024	volume 14, issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1MH4cQTUe13qwkSYX2feV9uM2pwjUPzYc/view
47	Dr. B. Swapna Rani	A VARIANT OF LONG MULTIPLICATION DESIGN WITH LOW POWER AND AREA USING MODIFIED 7:3 COMPRESSOR FOR BIOMEDICAL APPLICATIONS	JOICS	April-2024	volume 14, issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/15aarOUJaWY2TnszYCKjaJx0GS2qFLeib/view

48	Dr. K. PADMAJA DEVI	<u>SEGREGATION OF GARBAGE DUSTBIN MANAGEMENT SYSTEM USING IOT</u>	JOICS	April-2024	Volume 14 Issue 04	ISSN: 1548-7741	UGC Care Journal	https://drive.google.com/file/d/1XpSxXNoeci8chd0jBRr3EkBqyaKmq4Xb/view
49	Dr. K. PADMAJA DEVI	A FAST IMAGE DEHAZING ALGORITHM USING MORPHOLOGICAL RECONSTRUCTION	ZKG INTERNATIONAL	April-2024	Volume IX Issue I A	ISSN: 2366-1313	UGC Care Journal	https://zkginternational.com/archive/volume9/A-FAST-IMAGE-DEHAZING-ALGORITHM-USING-MORPHOLOGICAL-RECONSTRUCTION.pdf
50	Dr. K. PADMAJA DEVI	EMPLOYING BLOCKCHAIN IN AGRICULTURE	ZKG INTERNATIONAL	April-2024	Volume IX Issue I A	ISSN: 2366-1313	UGC Care Journal	https://zkginternational.com/archive/volume9/EMPLOYING-BLOCKCHAIN-IN-AGRICULTURE.pdf
51	Dr. K. PADMAJA DEVI	WEED IDENTIFICATION USING DEEP LEARNING AND IMAGE PROCESSING	ZKG INTERNATIONAL	April-2024	Volume IX Issue I A	ISSN: 2366-1313	UGC Care Journal	https://zkginternational.com/archive/volume9/WEED-IDENTIFICATION-USING-DEEP-LEARNING-AND-IMAGE-PROCESSING.pdf
52	Dr Mahesh	Solar Grass Cutter Using IoT Application	IJRSET	April 2024	volume 13., issue 4	e-ISSN 2319-8753, P-ISSN 2347-6710	UGC care Journal	https://www.ijrset.com/upload/2024/april/152_Solar.pdf
53	Dr Mahesh	CNC Laser Engraver Machine 3d Model	IJRSET	April 2024	volume 13., issue 5	e-ISSN 2319-8753, P-ISSN 2347-6710	UGC care Journal	https://www.ijrset.com/upload/2024/april/101_CN C.pdf
54	E.PRABHAKAR	“SMART HOME SECURITY AND SURVEILLANCE SYSTEM USING RASPBERRY PI”	IJRSET	April 2024	volume 13., issue 4	e-ISSN 2319-8753, P-ISSN 2347-6710	UGC care Journal	https://www.ijrset.com/upload/2024/april/111_Smart.pdf

55	K. SANTOSHI	VIDEO ANALYSIS FOR WEAPON DETECTION AND ALERTING	IJRAR	April 2024,	Volume 11, Issue 2	E-ISSN 2348-1269, P-ISSN 2349-5138	UGC care Journal	http://www.ijrar.org/papers/IJRAR24B1588.pdf
56	K. SANTOSHI	SMART BLIND STICK FOR VISUALLY IMPAIRED PEOPLE	Journal of Information and Computational Science	April 2024,	Volume 14 Issue 04	ISSN: 1548-7741	UGC care Journal	https://drive.google.com/file/d/1IaXsysRa_uRix7FnOiZGhEVvNFvTx-cl/view
57	S.BALAKRISHNA	VISION BASED PARKING OCCUPATION DETECTION USING EMBEDDED SYSTEM	IJRAR	April-2024	Volume 11, Issue 2	E-ISSN 2348-1269, P-ISSN 2349-5138	UGC Care Journal	http://ijrar.org/viewfull.php?&p_id=IJRAR24B1461
58	E.PRABHAKAR	LOW POWER IOT BASED AUTOMATED MANHOLE COVER MONITORING SYSTEM AS A SMART CITY APPLICATION	Journal of Information and Computational Science	April 2024	volume 14, issue 04	ISSN: 1548-7741	UGC care Journal	https://drive.google.com/file/d/1K2O1dWVTL7K6H6XVCUn1WE72nzV2qD44/view
CONFERENCES								
1	Dr.P Venkata Lavanya & Dr. J. Sunitha Kumari	Carry Select Adder Using Square Root Techniques in Ripple Carry and BCD Adders	International Conference on Communication Systems and Network Technologies (CSNT)	June 2024		IEEE	International Conference	10.1109/CSNT60213.2024.10546043
2	Dr. Sukanya K	Handwritten Digit Recognition using convolutional Neural Networks with voice	1st International Conference on Advances in Computational Intelligence (ICACI-2023)	December, 2023			International Conference	