LIST OF FACULTY PUBLICATIONS ALONG WITH DOIs AND PUBLICATION DETAILS IN THE ACADEMIC YEAR 2021-2022

S.No	Name of the authors	Title of the paper	Name of the journal	Year of Publish	Volume/Issue	ISSN	SCI/SCOPUS/UGC CARE JOURNAL	DOI / Link to access paper
1	A.Theja	Performance Investigation of GaSb/Si Heterojunction Based Gate Underlap and Overlap Vertical TFET Biosensor	IEEE Transactions on Nanobioscience	June, 2022	Volume 22, Issue 2	Electronic ISSN: 1558-2639 Print ISSN: 1536-1241	SCI	https://doi.org/10.1109/TNB.2022.3183934
2	M GIRISH KUMAR	A prominent unified crosstalk model for linear and sub-threshold regions in mixed CNT bundle interconnects	Microelectronics Journal	Dec, 2021	Volume 118	Online ISSN: 1879-2391 Print ISSN: 0959-8324	SCI	https://doi.org/10.1016/j.mejo.2021.105294
3	A. Vikas	Realization of Boolean Functions Using Heterojunction Tunnel FETs	Springer-Silicon	April, 2022	Volume 14	Electronic ISSN 1876-9918	SCI	https://doi.org/10.1007/s12633-022-01888-0
4	J.SUNITHA KUMARI	GESTATIONAL AGE DETERMINATION OF ULTRA SOUND FETAL IMAGES USING ARTIFIAL NURAL NEYWORK	INTERNATIONAL JOURNAL OF BIO INFORMATICS RESEARCH AND APPLICATION,	April 2022	VOLUME18	ISSN online 1744-5493 ISSN print 1744-5485	SCOPUS	https://doi.org/10.1504/IJBRA.2022.121766
5	M GIRISH KUMAR	Impact of Temperature on Structure Deformation for Monolithic Inter-Tier vias In Monolithic 3D IC Packaging System	ECS Journal of Solid State Science and Technology	Nov, 2021	Volume 10, Number 11	ISSN: 2162-8777	SCI	https://doi.org/10.1149/2162-8777/ac31cd

6	Amit Gangopadhyay	Design and Implementation of an automatic soil moisture sensor irrigation system	IJETER-SCOPUS,UGC CARE Listed Journal	July 2021	Volume 9. No. 7	ISSN (ONLINE) : 2347 - 3983	SCOPUS	https://www.warse.org/IJETER/static/pdf/file/ijeter25972021.pdf
7	A KARTHIK SAGAR	VEHICLE THEFT DETECTION AND TRACKING NOTIFICATION WITH REMOTE ENGINE LOCKING SYSTEM USING IOT	IJCRT	JULY--2021	Volume 9, Issue 7	ISSN: 2320-2882	UGC Care journal	https://ijcrt.org/papers/IJCRT2107026.pdf
8	R.Sahithi	A Qualitative Review of Research Methodology:An overview	IJRASET	August, 2021	Volume 9 Issue VIII	ISSN: 2321-9653	UGC Care journal	https://typeset.io/pdf/a-qualitative-review-on-research-methodology-an-overview-18hre00x7f.pdf
9	A.Deepika	creating artificial environment for high productivity of plants and monitor using IOT	IRJET	Aug-21	Volume: 08 Issue: 08	e-ISSN: 2395-0056	UGC Care journal	https://www.irjet.net/archives/V8/i8/IRJET-V8I806.pdf
10	A.Theja	Low Power Dynamic Ram Based SAR ADC For Biomedical Applications	IJCRT	June, 2022	Volume 10, Issue 6	ISSN: 2320-2882	UGC Care journal	https://ijcrt.org/papers/IJCRT22A6203.pdf
11	A.Theja	Design Of Bandgap Voltage Reference Circuit With Low TC and High PSRR in 180nm CMOS Technology	IJCRT	June, 2022	Volume 10, Issue 6	ISSN: 2320-2882	UGC Care journal	https://ijcrt.org/papers/IJCRT22A6160.pdf
12	A.Vikas	DESIGN OF CMOS TWO STAGE OP AMP AND DIFFERENTIAL AMPLIFIER USING CADENCE VIRTUOSO	IJCRT	June,2022	Volume 10, Issue 6	ISSN: 2320-2882	UGC Care journal	https://ijcrt.org/papers/IJCRT22A6146.pdf
13	A.Vikas	AN EFFICIENT IMPLEMENTATION OF FIR FILTERS USING HIGH SPEED ADDERS FOR SIGNAL PROCESSING APPLICATIONS	IJAEMA	June,2022	Volume XIV, Issue VI	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/1zOdVF7tKPvWOr5Gp9RLrnUvedgLTEo-g/view
14	M.CHAITANYA	OBSTACLE DETECTION AND NAVIGATION FOR BLIND USING SMART BLIND STICK	IJARASET,	May,2022	VOLUME 10,ISSUE,V	ISSN: 2321-9653	UGC Care journal	https://www.ijraset.com/best-journal/obstacle-detection-and-navigation-for-blind-using-smart-blind-stick

15	V JHANSI REDDY	WEBCAST BASED FARMING ROBOT	IJAEMA,	June, 2022	VOLUME XIV,ISSUE VI	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/1gdfPLuzKdbxfChnxikdFmRRuddjoxQOu/view
16	V JHANSI REDDY	IOT BASED HUMAN FACE DETECTION AND SECURITY LOCKING SYSTEM	JOICS ,	May 2022	VOLUME 12 ISSUE 5	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/10kLIN_qCGIJ-Mj5tEmVCHP43r4k_riUh/view
17	RNS KALPANA	INTUSION DETECTION SYSTEM USING PCA WITH RANDOM FOREST APPROACH	IJRASET	May 2022	Volume 10 Issue V	ISSN: 2321-9653;	UGC Care journal	https://www.ijraset.com/best-journal/intrusion-detection-system-using-principal-component-analysis-with-random-forest-approach
18	B MANASA REDDY	FOREST FIRE ALERTING SYSTEM WITH GPS USING IOT	JICR,	June 2022	VOLUME XIV,ISSUE VI	ISSN NO: 0022-1945	UGC Care journal	https://drive.google.com/file/d/1WnEDmKsw6S6pBXocuLCuVo-AcoGiSyLi/view
19	R.Sahithi	The Comparative Analysis of Data classifiers	JOICS	Jan 2022	Volume 12, Issue 1	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1moEB3QT1XS7QnNsmpWBvmt8rAvtmJT7g/view
20	R.Sahithi	AUTOMATIC LAND COVER RECONSTRUCTION FROM HISTORICAL AERIAL IMAGES	IJAEMA,	June 2022	VOLUME XIV,ISSUE VI	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/1YsvARQc5AhitGYSIh6hvgBQFu6jwSZkx/view
21	M.CHAITANYA	IOT BASED CABLE INSPECTION ROBO WITH LOCATION TRACKING	IJAEMA	June 2022	VOLUMEXIV ,ISSUE VI	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/1Pv-lM5Air8zdzL9Guq7HMPrh2rMZhuLZ/view
22	M.JAGRUTHI	LORA Technology Based Vechile Tracking	IJAEMA	June 2022	Volume XIV, Issue VI	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/1uNv7Jgqj6Jjl9JPK8vvpcHPBOA12uKst/view
23	M.JAGRUTHI	GSM Based illegal tree cutting prevention and monitoring	IJCRT	June 2022	Volume 10, Issue 6	ISSN: 2320-2882	UGC Care journal	https://ijcrt.org/papers/IJCRT22A6206.pdf
24	P.VENKATA LAVANYA	FACE RECOGNITION ATTENDENCE SYSTEM	JETIR	June 2022	Vol.9, Issue 7	ISSN: 2349-5162	UGC Care journal	https://ijcrt.org/papers/IJCRT22A6159.pdf

25	P.VENKATA LAVANYA	IoT BASED SMART AUTOMATING OF HOME APPLIANCES USING RASPBERRY PI	IJCRT	June 2022	Volume 10, Issue 6	ISSN: 2320-2882	UGC Care journal	https://ijcrt.org/papers/IJCRT22A6159.pdf
26	E.PRABHAKAR	ANTI THEFT FACE RECOGNITION SYSTEM	IJCRT	June 2022	Volume 10, Issue 6	ISSN: 2320-2882	UGC Care journal	https://ijcrt.org/papers/IJCRT22A6037.pdf
27	E.PRABHAKAR	EYE BALL CURSOR MOVEMENT USING OPEN CV	STD	May 2022	Volume XI Issue V MAY 2022	ISSN : 0950-0707	UGC Care journal	https://drive.google.com/file/d/11g0vtrExi9RBcZbahbKNzu6VA3qcPFAl/view
28	CH.DIVYA	Deep learning based fusion approach to detect hate speech	JOICS	May 2022	Volume 12, Issue 5	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1vp8HB-6DLsMVfnxZ2XKpw-VUt2C52Shr/view
29	CH.DIVYA	SMART HOME AUTOMATION AND SECURITY SYSTEM USING RASPBERRY PI	IJAEMA	May 2022	Volume XIV, Issue V	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/1tP7EJScSP3bsTbQ5NP3TLDhMDVaEpRwa/view
30	J SRAVANTHI	SMART AND SECURE SINGLE ATM CARD FOR MULTIPLE BANK ACCOUNTS USING RASPBERRY PI	JICR	May 2022	Volume XIV, Issue V	ISSN NO: 0022-1945	UGC Care journal	https://drive.google.com/file/d/1SSqRUA7YgM0sbLjqyCkzAN8n5ZmJysWT/view
31	J SRAVANTHI	IOT BASED FIRE AND TOXIC GAS DETECTION PROTECTION AND MONITORING SYSTEM USING RASPBERRY PI	STD	May 2022	Volume XI,Issue V	ISSN NO:0950-0707	UGC Care journal	https://drive.google.com/file/d/1TO0eaoMKGW4sWve_ATdgpW7IXTzEIxE9/view
32	J SRAVANTHI	AN AUTOMATIC PLANT WATERING SYSTEM USING ARDUINO MICROCONTROLLER	JICR	May 2022	Volume XIV, Issue V	ISSN NO: 0022-1945	UGC Care journal	https://drive.google.com/file/d/1GwUy9nceErCHtQS7YlOw9RtZDgK7ScoJ/view
33	J SRAVANTHI	FOREST FIRE DETECTION USING IOT AND WIRELESS SENSORS	JOICS	May 2022	Volume 12 Issue 5	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1pBgDAi-SzFeqGbD264J0OhYP4K5Oxw8d/view
34	Dr Mahesh	Object Detection and Dimensioning using OpenCv	IJCRT	June-2022	Vol 10, Issue 6	ISSN: 2320-2882	UGC Care journal	https://www.ijcrt.org/papers/IJCRT22A6141.pdf

35	A HARITHA	SIGN LANGUAGE TO SPEECH CONVERTER	IJCRT	June 2021	Volume IX, Issue VI	ISSN: 2320-2882	UGC Care journal	https://www.ijcrt.org/papers/IJCRT2106668.pdf
36	A HARITHA	MULTIPURPOSE ENVIRONMENTAL MONITORING SYSTEMS	IJAEMA	June 2022	Volume XIV, Issue VI	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/1G78lJTbzHYQDbwz9P8HIC50EgFctb81B/view
37	A HARITHA	IoT based Heart Attack Detection and Heart Rate Monitoring System using Raspberry Pi	IJCRT	May 2022	Volume X, Issue V	ISSN: 2320-2882	UGC Care journal	https://www.ijcrt.org/papers/IJCRT2205221.pdf
38	A.LAVANYA	IOT BASED AIR AND WATER POLLUTION MONITORING USING RASPBERRY PI	IJCRT	June 2022	Volume 10, Issue 6	ISSN: 2320-2882	UGC Care journal	https://ijcrt.org/papers/IJCRT22A6120.pdf
39	A.LAVANYA	ENVIRONMENTAL MONITORINGIN GRAIN GRANARY BASED ON IOT PLATFORM	IJEMA	May-22	Volume XIV, Issue V,	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/1CHwylmiTLGp-a4rxOc5Klud5O5pH2vQX/view
40	Sharath Chandra Miryala	Detection of Non-Helmet Riders and Extraction of License Plate Number using Yolo v2 and OCR Method	JETIR	June 2022	Vol.9, Issue 6	ISSN: 2349-5162	UGC Care journal	http://www.jetir.org/papers/JETIR2206480.pdf
41	S.Balakrishna	Smart Garbage Segregation and Management using IOT	IJAEMA	June-2022	Volume XIV, Issue VI	ISSN NO: 0886-9367	UGC Care journal	https://docs.google.com/document/d/1XYxPKea4KvbMPgmVKgkQRQS_stoLviZq/edit
42	S.Balakrishna	Multipoint Wireless Data Aquisition System For Smart Vehicles	IJAEMA	June-2022	Volume XIV, Issue VI	ISSN NO: 0886-9367	UGC Care journal	https://drive.google.com/file/d/15QgtHCNA1bpp-2jYqKSaPNrHCFkSDnXj/view
43	P MANGA RAO	Gesture controlled robot using ardiuno uno	JICR	May-2022	Volume XIV, Issue V	ISSN NO: 0022-1945	UGC Care journal	https://drive.google.com/file/d/1qTgkideZ0KWUvlqp9XwHQTpowQWbmZw1/view
44	P MANGA RAO	Smart receptionist using AI Algorithm and Raspberrypi	JOICS	June-2022	Volume 12 Issue 6	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1T1r7uAIGn0vnvIRX_4HdGgdcEY9boviW/view

45	B.SWAPNA	ANDROID MILITARY SPYING AND BOMB DISPOSAL ROBOT	JOICS	May 2022	Volume 12 Issue 5	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1H-6kh09W8FooCiXIo3LeH64B0QjvNKeq/view
46	B.SWAPNA	AUTOMATIC ENTRY-EXIT GATING SYSTEM BASED ON NON-CONTACT THERMAL SCREENING FOR COVID	JOICS	June 2022	Volume 12 Issue 6	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1co6iyxQW0ELk7t8dRk5TCANG-WaJGhOY/view
47	B.SWAPNA	MONITORING AND CONTROLLING OF MOBILE ROBOT USING 4G-DONGLE & RASPBERRY PI	JOICS	June 2022	Volume 12 Issue 6	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1Aga84UbhaCPr5NX5Or1Xn5ANOoyLvC_n/view
48	G.MAHESH	MULTIPURPOSE AGRO ROBOT USING IOT	JOICS	May 2022	Volume 12 Issue 5	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1GW0EcVVCRer-ZrqGjdP4cQIYWdKzP2b2/view
49	Dr. K.Sukanya	Implementing intelligent Traffic control system for congestion control and ambulance clearance	IJAEMA	June 2022	Volume XIV, Issue VI	ISSN: 0886-9367	UGC Care journal	https://drive.google.com/file/d/161cdebgXL6yz5ZzgHyNjWSfJbbHk3ptQ/view
50	Dr. K.Sukanya	Smart Helmet to track and safety mining worker using Raspberry PI	JICR	May-22	Volume XIV, Issue V	ISSN NO: 0022-1945	UGC Care journal	https://drive.google.com/file/d/16UDicmhcfDqIwIif6B_SDECn-S1dDZUC/view
51	M SATYANARAYANA	ROAD ACCIDENT AVOIDANCE AND IDENTIFICATION USING GPS, GSM AND ARDUINO	JOICS	June 2022	Volume 12, Issue 5	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1vPgpDP6HYIX7X9vJPjhip-cAxmaxNhka/view?usp=sharing
52	M SATYANARAYANA	AIR POLLUTION MONITORING SYSTEM (IOT MOBAIR)	IJCRT	June 2022	Volume 10 , Issue 6	ISSN: 2320-2882	UGC Care journal	https://www.ijcrt.org/papers/IJCRT22A6207.pdf
53	Dr.B. Swapna Rani	Helmet Detection for traffic Rules using Raspberry PI and Image Processing	IJCRT	June 2022	Volume 10 Issue 6 - 2022	ISSN: 2320-2882	UGC Care journal	https://www.ijcrt.org/papers/IJCRT22A6002.pdf

54	Dr. P. Gayathri	Denoising of picture using convolutional Neural network	JOICS	Jun-22	Volume 12 Issue 5 - 2022	ISSN: 1548-7741	UGC Care journal	https://drive.google.com/file/d/1KWhJDjtMpjOSqNCEMPF7BClCmrUeu6En/view
55	Dr. P. Gayathri	IMPROVEMENT OF GRAMMATICAL ERROR DETECTION	JOICS	Jun-22	Volume 12 Issue 5 - 2022	**ISSN: 1548-7741**	UGC Care journal	**https://drive.google.com/file/d/1Aexpv09iB68A4824YAasriIKJ4VK0F3I/view**
56	Dr. K. PADMAJA DEVI	IN SPEECH RECOGNITION USING NLP	IJRAR	May 2022	Volume 10 Issue 5	**ISSN: 2320-2882**	UGC Care journal	https://in.docworkspace.com/d/sICCmxISIAr_Kn7sG
57	Dr. K. PADMAJA DEVI	Automated Attendance Management System Based On Face Recognition Algorithms		May 2022	**Volume 9, Issue 2**	(E-ISSN 2348-1269, P- ISSN 2349-5138)	UGC Care journal	https://in.docworkspace.com/d/sII6mxISIAtXMn7sG

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CONFERENCES

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Sl. No	Name of the author	Title of the paper	Name of the Conference	Year of publish				DOI/Link to access conference
1	P.VENKATA LAVANYA	Image Denoising using an Artificial Neural Network and Genetic optimization algorithm Based Dual-Tree Complex wavelet Transform	ICSCSP CONFERENCE	July 2021			Springer	https://link.springer.com/chapter/10.1007/978-981-16-1249-7_37