



Faculty Publications (2020-2021) Sem 1

Sr. No.	Title of Paper with ISSN	Name of Journal/Conference	Publication Month-Year	Impact Factor	Publication Link
Electronics & Telecommunication Engineering					
Name of Faculty: Ms. Shobha Nikam					
1	Design and Implementation of KU Band LC-VCO using 90nm CMOS Process	2020 International Conference on Smart Electronics and Communication (ICOSEC)	Sept. 2020	-	https://ieeexplore.ieee.org/document/9215283
2	Cost-efficiently monitoring and controlling of saline level with health constants based on NRF transceiver and GSM (ISSN: 0976-6553)	International Journal of Electrical Engineering and Technology (IJEET)	December 2020	--	https://www.iaeme.com/MasterAdmin/uploadfolder/IJEET_11_09_016/IJEET_11_09_016.pdf
Name of the faculty: Ms. Deepali Yewale					
3	Animal Health Monitoring System Using IOT (ISSN (Online) 2456-0774)	International Journal Of Advance Scientific Research And Engineering Trends	Sept 2020	-	http://www.ijasret.com/VolumeArticles/FullTextPDF/559_20.ANIMAL_HEALTH_MONITORING_SYSTEM_USING_IOT.pdf
4	Sign To Speech Converter (ISSN (Online) 2456-0774)	International Journal Of Advance Scientific Research And Engineering Trends	Dec 2020	6.228	http://www.ijasret.com/VolumeArticles/FullTextPDF/617_11.SIGN_TO_SPEECH_8887554.pdf
Name of the faculty: Mr. Sugat R. Pawar					
5	Weed Removing Robot (e-ISSN: 2582-5208)	International Research Journal of Modernization in Engineering Technology and Science	September 2020	5.354	https://irjmets.com/rootaccess/forms/uploads/IRJMETs471890.pdf
Name of the Faculty: Ms. Mousami Vanjale					
6	A review of hardware platforms for wireless ad hoc mobile/sensor networks ISSN 1755-9359	International Journal of Systems, Control and Communications (IJSCC)	August 2020	0.48	https://www.inderscience.com/offer.php?id=109074
Name of the Faculty: Ms. Sandhya O.Ahire					



7	IOT Based Fuel Dispensing (ISSN: 2395-1621)	IERJ- International Engineering Research Journal(ISSN: 2395-1621)	5th June 2020	4.87	http://www.ierjournal.org/pupload/NCIET-2020/42-45-converted.pdf
Name of the Faculty: Dr V K Bairagi					
8	Feature level fusion of iris and sclera using entropy based cnn features to improve the performance of biometric authentication (ISSN 2278-3091)	International Journal of Advanced Trends in Computer Science and Engineering, pp. 8161-8169	9 (5) 2020		http://www.warse.org/IJA TCSE/static/pdf/file/ijatcse178952020.pdf
Name of the Faculty: Ms. Geeta Salunke					
9	Early Flood Detection and Avoidance Using Machine Learning (ISSN NO:0886-9367)	The International journal of analytical and experimental modal analysis.	September 2020	6.3	https://drive.google.com/file/d/1jH2isH4dgLPgnv77a2tnC1ZAQPmF2zn0/view
Name of the Faculty: Mrs V K Patil					
10	A Study of nowcast of Rainfall over Mumbai using Rainymotion"	EartAxiv Preprint	-	Dec 2020	https://doi.org/10.31223/X5Q88Q
Name of the Faculty: Dr. P. B. Mane					
11	Bridge Crack Detection And Monitoring Using Image Processing (ISSN: 0976-6553)	International Journal of Electrical Engineering and Technology (IJEET)	Nov. 2020	--	http://www.iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_11_ISSUE_9/IJEET_11_09_015.pdf
Name of the Faculty: Ms. Nilima Warade					
12	Reference Signatures and Selective Test Pattern Generator based Model Predictive Control Technique for Test Response Prediction in Low power BIST (ISSN: 0976-6553)	International Journal of Emerging Trends in Engineering Research	July 2020	-	http://www.warse.org/IJETER/static/pdf/file/ijeter84872020.pdf
13	An Efficient Tcam Design	International Journal	Nov. 2020	--	http://www.iaeme.com/MasterAdmin/Journal_uploads



	Using Multicascading Technique (ISSN: 0976-6553)	of Electrical Engineering and Technology (IJEET)			s/IJEET/VOLUME_11_ISSUE_9/IJEET_11_09_012.pdf
Instrumentation Engineering					
Name of Faculty: Dr. D. R. Shende					
14	Measurement of visibility and present weather detection using scattering technique of light ISSN: 2456-5660	Journal of science and technology	Nov-December 2020	1.849	http://jst.org.in/wp-content/uploads/2020/09/02.-Measurement-of-Visibility-and-Present-Weather-Detection-Using-Scattering-Technique-of-Light.pdf
15	Automatic orange juice vending machine ISSN: 2456-5660	Journal of science and technology	July-August 2020	1.849	http://www.dynamicpublisher.org/gallery/198-ijssr-d-2161.final.pdf
16	Review on smart bottle dispenser and filling plant using industrial IoT ISSN: 2456-5660	Journal of science and technology	July-August 2020	1.849	http://jst.org.in/wp-content/uploads/2020/07/14.-Review-on-Smart-Bottle-Dispenser-And-Filling-Plant-Using-Industrial-IoT.pdf
Name of Faculty: Dr. A. A. Shinde					
17	New flexible directional filter bank by tuning Hermite transform parameters for content based medical image retrieval ISSN: 1751-9659	IET Image Processing	September 2020	2.61	https://digital-library.theiet.org/content/journals/10.1049/iet-ipr.2019.0252
Name of Faculty: Mrs. S. V. Kulkarni					
18	Revealing of brain disease neuroimage using morphological processing ISSN: 2005-4238	International journal of advanced science and technology	2020	0.41	http://sersc.org/journals/index.php/IJAST/article/view/28130
19	ARC series rain gauge calibrator: A review ISSN: 2349-5162	Journal of Emerging technologies and innovative research	December 2020	5.87	http://www.jetir.org/papers/JETIR2012203.pdf
20	Smart residential complex ISSN: 2249-7455	Journal of Engineering and Technology for Industrial Applications	December 2020	6.3	https://app.box.com/s/iyd19sq9ox4yqcukv3l1atwyq7y069s5



Name of Faculty: Dr. B. N. Mohapatra					
21	Design and tuning of PID algorithm for optimum performance of PVTOL system ISSN: 2447-0228	Journal of Engineering and Technology for Industrial Applications	October 2020		https://itegam-jetia.org/journal/index.php/jetia/article/view/701/459
22	Design performance of lead and lag compensator using OPAMP and root locus approach through simulation tool ISSN: 2447-0228	Journal of Engineering and Technology for Industrial Applications	August 2020		http://itegam-jetia.org/journal/index.php/jetia/article/view/683
23	Simulation design performance for power supply and a variable voltage to frequency converter ISSN: 2587-3474	Journal of Engineering science	December 2020		https://jes.utm.md/wp-content/uploads/sites/20/2020/12/JES-2020-4_76-79.pdf
24	Easy performance based learning of Arduino and sensors through tinkercad ISSN: 2307-8162	International Journal of Open Information Technologies	December 2020		http://injoit.org/index.php/j1/article/view/977/968
25	Smart Performance of Virtual Simulation Experiments Through Arduino Tinkercad Circuits ISSN: 2566-932X	Perspectives in Communication, Embedded-Systems and Signal-Processing	October 2020		http://pices-journal.com/ojs/index.php/pices/article/view/275/233
26	IOT and Sensor based Vehicle Diagnosis System for Improved Road Safety ISSN: 2581-5792	International Journal of Research in Engineering, Science and Management	July 2020		https://www.journals.resaim.com/ijresm/article/view/49/44
27	Vision Sensing Ultrasonic Glove for Visually Impaired Person ISSN: 2643-640X	International Journal of Engineering and Information Systems	June 2020		http://ijeais.org/wp-content/uploads/2020/6/IJEAIS200610.pdf
28	Arduino Based Smart Dustbin For Waste Management system	Perspectives in Communication, Embedded-Systems and Signal-	June 2020		http://pices-journal.com/ojs/index.php/pices/article/view/214/177



	ISSN: 2566-932X	Processing			
29	Modelling of vertical light pipes for daylight illumination of indoor industrial buildings ISSN: 2226-1494	Scientific and technical journal of information technologies, mechanics and optics	October 2020		https://ntv.ifmo.ru/en/article/20012/modelirovanie_vertikalnyh_svetilnikov_dlya_dnevnogo_osvescheniya_vnutrennih_pomescheniy_promyshlennyh_zdaniy(angl._yaz.).htm
Department of Information Technology					
Name of Faculty: Mrs. Mrunal Pathak					
30	Feature Level Fusion of Iris and Sclera using Entropy Based CNN Features to Improve the Performance of Biometric Authentication ISSN 2278-3091	International Journal of Advanced Trends in Computer Science and Engineering	July 2020	1.2	http://www.warse.org/IJA-TCSE/static/pdf/file/ijatcse178952020.pdf
31	Support Value Based Fusion Matching Using Iris And Sclera Features For Person Authentication In Unconstrained Environment ISSN 1823-4690	Journal of Engineering Science and Technology	July 2020	1.2	http://jestec.taylors.edu.my/Vol%2015%20issue%204%20August%202020/15_4_33.pdf
Name of Faculty: Dr. J.B.Patil					
32	Crop Prediction and Disease detection using Machine Learning ISSN 0090-5674	PAIDEUMA Journal of Research	July 2020	1.7	http://paideumajournal.com/gallery/11-july2020.pdf
Name of Faculty: Dr. M.A.Thalor					
33	Face and Food Recognition Techniques using Convolutional Neural Network Print ISSN: 2395-6011 Online ISSN: 2395-602X	International Journal of Scientific Research in Science and Technology	Dec 2020	-	http://ijsrst.com/IJSRST205857
Name of Faculty: Dr. R. B. Dhumale					
34	Thermal Analysis of Battery Used in E-bicycle ISSN 1069-1078	GIS SCIENCE JOURNAL	Dec 2020		https://drive.google.com/file/d/17w87bcSx_xr8NP4EusyXJEGOiZy6Dvom/view?usp=sharing



35	Manufacturing And Analysis Of Cost-effective Scalp Cooling System ISSN 1069-1078	GIS SCIENCE JOURNAL	Dec 2020		https://drive.google.com/file/d/1YHtgkd_bi72vGO_0ThuCJVifmNaDct1I/view?usp=sharing
Engineering science					
Name of Faculty: Mr.A.J.More , Mr.S.S. Gadadhe , Mr.P.S.Rathod.					
36	A Review: Advances in Heat sink Cooling Systems ISSN 2455- 4863	International Journal of Innovative Studies in Science s and Engineering Technology	Volume 6 Issue 7, June 2020	3.0	http://ijisset.org/articles/2020-2/volume-6- issue-7/
Name of Faculty: Mr. Ashish Apate					
37	Review on Intermediate Shaft of Automobile Gear Box ISSN 2395-0072	International Research Journal of Engineering and Technology	Vol.7 Issue 11 2020	7.5	https:// www.ir jet.net/archives/ V7/i11/ IRJET-V7I11181.pdf
Name of Faculty: Dr Nidhi Sharma					
38	Ultrasonic Study of Uni- univalent Mixed Electrolytes (containing CH ₃ COOion) in Water (ISSN: 2581-5997)	IJASRW, Special issue ICROIRT 2020	September 2020		--
Name of Faculty: Mr Mahesh Nigade					
39	Experimental Analysis of Hydrodynamic Journal bearing	VNC 2020 TASU technical advancement social uplifting	June 2020		--
Name of Faculty: Mrs. A. V. Diwalar					
40	Analysis and Design of retaining wall	ICCIP 2020	July 2020		--
Computer Engineering					
Name of Faculty: Mrs Chetan Aher					
41	Rider-chicken optimization dependent recurrent neural network for cancer detection and classification using gene expression data ISSN No: 2168-1163	Computer Methods In Biomechanics And Biomedical Engineering: Imaging & Visualization	2020	-	https://doi.org/10.1080/21681163.2020.1830436