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Faculty Publications (2021-2022) Sem 1

Sr. No.	Title of Paper with ISSN	Name of Journal/ Conference	Publication Month-Year	Impact Factor	Publication Link
Department of Electronics & Telecommunication Engineering					
Name of Faculty: Dr V K Bairagi					
1	Novel Slope Based Onset Detection Algorithm for Electromyographical signals, Vol 36, No 4, pp 311-317, ISSN: 1752-6426	Inderscience International Journal of Biomedical Engineering and Technology	Aug 2021.	-	https://www.inderscienceonline.com/doi/10.1504/IJBET.2021.116992
Name of the faculty: Mrs.H.B.Magar					
2	Lung Health Analyzer Using IoT ISSN (Online) 2581-9429	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	August 2021	5.731	https://ijarsct.co.in/Paper1850.pdf
Name of the faculty: Dr. Mousami Vanjale					
3	Introduction to Blockchain Technology - Its Applications in Modern World ISSN (Online) 2456-3293	International Journal of Science& Engineering (OAIJSE)	September 2021	5.856	http://www.oaijse.com/VolumeArticles/FullTextPDF/893_9.INTRODUCTION_TO_BLOCKCHAIN_TECHNOLOGY_-_ITS_APPLICATIONS_IN_MODERN_WORLD-protected.pdf
Name of the Faculty: Dr. Somnath Dhonde					
4	Controlled Environment Strawberry Plant Growing System (ISSN-2349-5162)	2021 JETIR July 2021, Volume 8, Issue 7 www.jetir.org	July 2021	7.75	https://www.jetir.org/view?paper=JETIR2107692
5	Iot Based Smart Parking System Using Node MCU eISSN: 2349-5162	Volume 8 Issue 12 December-2021	December-2021	7.95	https://www.jetir.org/view?paper=JETIR2112527
6	Iot Based Patient Monitoring System During Covid-19 (ISSN-2349-5162)	2021 JETIR November 2021, Volume 8, Issue 11 www.jetir.org	November 2021		https://www.jetir.org/papers/JETIR2111158.pdf

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Department of Instrumentation Engineering					
Name of the Faculty: Dr. V.V Kale					
7	Review paper on automatic quality testing of soft drinks ISSN: 1076-5131	Journal of applied science and computation	June 2021	5.8	https://drive.google.com/file/d/1mplYLrATTwlpcGEt_HGR16g9KxFyAQ_Y/view
8	Review paper on aquaponics using IoT ISSN: 1076-5131	Journal of applied science and computation	June 2021	5.8	https://drive.google.com/file/d/1mSJineEuboPGQw-1Du-7WYXFNjWQExZG/view
9	AQUAPONICS USING IoT ISSN: 0975-1386	Wesleyan Journal of Research	September 2021	6.7	-
10	Smart attendance system ISSN: 0975-1386	Wesleyan Journal of Research	September 2021	6.7	-
11	Research paper on automatic quality testing of soft drinks ISSN: 0975-1386	Wesleyan Journal of Research	September 2021	6.7	-
Name of the Faculty: Mrs. S. V. Kulkarni					
12	Used Bottle Washing System ISSN: 2349-5162	Journal of Emerging Technologies and Innovative Research (JETIR)	July 2021	7.87	https://www.jetir.org/papers/JETIR2107741.pdf
13	Review on Flow Control Methods ISSN: 0975-1386	Wesleyan Journal of Research	2021	6.7	-
14	Recording Physiological Parameters using Biobench Setup ISSN: 0975-1386	Wesleyan Journal of Research	2021	6.7	-
Name of the Faculty: Dr. B.N.Mohapatra					
15	Artificial intelligence in stock market investment ISSN: 2587-3474	Journal of Engineering Science	November 2021	----	https://jes.utm.md/wp-content/uploads/sites/20/2021/09/JES-3-2021_10.52326jes.utm_.2021.283.08.pdf
Department of Information Technology					
Name of Faculty: Ms. Madhuri B. Thorat					
16	Cross-Lingual Plagiarism Detection Using NLP and Data	International Research Journal of Engineering and	December 2021	7.529	https://www.irjet.net/archives/V8/i12/IRJET-V8I1206.pdf

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	Mining, ISSN: 2395-0056	Technology			
17	Review paper on sentiment analysis for Hindi language	International conference on emerging Trends in communication and networking	September 2021	--	-
Name of Faculty: Ms. Vrushali Dhanokar					
18	Handwritten Equation Solver Using CNN ISSN: 2395-0056	International Research journal of Engineering and technology	December 2021	7.529	https://www.irjet.net/volume8-issue12
Name of Faculty: Ms. Jayashree Pasalkar					
19	Data Science in Agriculture ISSN: 2395-0056	International Research journal of Engineering and technology	December 2021	7.529	https://www.irjet.net/archives/V8/i12/IRJET-V8I12237.pdf
Name of Faculty: Dr. Mrunal Pathak					
20	Multimodal Biometric Authentication for smartphones ISSN: 2321-9653	International journal for research in applied science and Engineering Technology	Dec 2021	7.538	https://www.ijraset.com/best-journal/multimodal-biometric-authentication-for-smartphones
Name of Faculty: Dr. Meenakshi Thalor					
21	A Descriptive Answer Evaluation System Using Cosine Similarity Technique	IEEE International Conference on communication information and computing technology	June 2021		-
Department of Engineering science					
Name of Faculty: Dr.Y.P.Patil					
22	IoT Based UV Disinfection Machine 2473-2001	2021 International Conference on Intelligent Technologies (CONIT)	June 2021		https://ieeexplore.ieee.org/document/9498313/
Name of Faculty: Mr.Amol More					
23	Different Heat Sink Geometries and Cooling Techniques 2349-5162	Journal of Emerging Technologies and Innovative Research	2021	7.95	https://www.jetir.org/papers/JETIR2111179.pdf
Name of Faculty: Mr.Mahesh Nigade					
24	Experimental Analysis of Hydrodynamic	International Journal of Engineering	2021	-	www.ijert.org/experimental-analysis-of-hydrodynamic-journal-

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	Journal Bearing 2278-0181	Research & Technology			bearing
Name of Faculty: Mr.Dilip Shelar					
25	Method of Solving Fully Fuzzy Linear Programming Problems using Symmetric Trapezoidal fuzzy number	87th Annual conference of the Indian Mathematical Society	2021		--
Department of Computer Engineering					
Name of Faculty: Dr. Mrs. S. N. Zaware					
26	Framework of Ecom TDMA for Transactional Data Mining Using Frequent Item Set for E-Commerce Application	International Conference on Data Management, Analytics & Innovation	2021	Scopus	https://link.springer.com/chapter/10.1007%2F978-981-16-2937-2_21
27	Crypto-Steganography Approach For Secure Data Transmission Using Image And Audio Files ISSN 2319-4979	Vidyabharati International Interdisciplinary Research Journal	March 2021	Web of Science	http://www.viirj.org/vol12issue1/66.pdf
Department of Electrical Engineering					
Name of Faculty : Dr.S.M.Bakre					
28	Simplified Transformer Based multilevelinverter Topology Forrenewable Energy Applications 2319-8354	International Journal of Advances Research in Science & Engineering	Nov 2021		http://www.ijarse.com/images/fullpdf/1637840222_J130.pdf
29	Python Based Socket Programming and Cryptography for Smart Grid	Annual Technical Volume IE (I)	2021	-	-
30	Neural Network Based Transparent Solar Windows	International Conference on Current Trends in Multidisciplinary Research	August 21		http://iaraedu.com/pdf/conference-brochure-1st-august-2021.pdf
31	Artificial Intelligence Based motor Current	IEEMA 10th International Conference &	06 – 08 Sept 21		-

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	Signature Analysis (MCSA) of Induction Motor	Exposition On Electrical Rotating Machines, Drives & Applications			
Name of Faculty : Dr. A.D. Shiralkar					
32	Python Based Socket Programming and Cryptography for Smart Grid	Annual Technical Volume IE(I)	2021	-	-
33	Neural Network Based Transparent Solar Windows	International Conference on Current Trends in Multidisciplinary Research	1st August 21		http://iaraedu.com/pdf/conference-brochure-1st-august-2021.pdf
34	Artificial Intelligence Basedmotor Current Signature Analysis (MCSA) of Induction Motor	IEEMA 10th International Conference & Exposition On Electrical Rotating Machines, Drives & Applications	06 – 08 Sept 21		-
Name of Faculty : Mr V. S. Kamble					
35	Movable Charging System For E-Vehicles ISSN: 0975-4520	Kala Sarovar	July-September 2021	--	--
Name of Faculty : Mrs S. M. Shaikh					
36	H-Bridge 7 Switches Transformer less MOSFET Inverter to Improve Efficiency of Grid-Tied Photovoltaic System 2349-5162	Journal of Emerging Technologies and Innovative Research	August 2021	7.95	https://www.jetir.org/view?paper=JETIR2108094
37	Python Based Socket Programming and Cryptography for Smart Grid	Annual Technical Volume IE(I)	2021		-