

Publications in Journals by faculty during academic year (2021-2022)

S.N.	Name of Authors	Paper Title	Publication Details with ISSN / ISBN / Vol. / Issue / DOI / Year	Indexing (SCI/Web of Science/Scopus/UGC CARE/Google Scholar/Other)	Paper Link
1	Dr M. N. Tibdewal	“Multi-Feature Extraction, Analysis and Classification for Control and Meditators’ Electroencephalogram”	Volume 16, ISSUE 8	SCI Indexed Journal.	https://link.springer.com/article/10.1007/s11760-022-02191-6
2	Dr M. N. Tibdewal	“Deep Learning Models for Classification of Cotton Crop Disease Detection”	ISSN No: 0932-4747,2022	Google Scholar, UGC CARE	https://drive.google.com/file/d/1u7dCR_y68lGqM_0g8ReJ1p7vLBywihWZ/view?pli=1
3	Dr M. N. Tibdewal	Pneumonia Analysis, Detection, and Classification through Various Classifiers”	VOLUME - 11, ISSUE - 05, MAY - 2022 • PRINT ISSN No. 2277 - 8160 • DOI : 10.36106/gjra	Peer-reviewed	https://www.worldwidejournals.com/global-journal-for-research-analysis-GJRA/fileview/pneumonia-analysis-detection-and-classification-through-various-classifiers_May_2022_6532336113_0908889.pdf
4	Dr. D. D. Nawgaje	A Methodology for evolution of diabetic retinopathy from digital fundus Image	Volume 3, Issue 7 July 2021, pp: 3348-3355 www.ijaem.net ISSN: 2395-5252	Peer-reviewed	https://ijaem.net/issue_dcp/A%20Methodology%20for%20evaluation%20of%20Diabetic%20Retinopathy%20from%20Digital%20Fundus%20Images.pdf
5	Dr. K. B. Khanchandani	Smart Wheelchair with safety, security and health monitoring system	ISSN No: 0932-4747	Google Scholar, UGC CARE	https://drive.google.com/file/d/1xikKvR3N2J5TJkd6APO_qYw-cHH_QPL/view

6	Dr. K. B. Khanchandani	Smart IOT Energy Meter with Theft Protection”	ISSN No: 0932-4747	Google Scholar, UGC CARE	https://drive.google.com/file/d/1fDHendbfuXvEkqqrmpTbFP_13dDrqfe/view
7	V. M. Umale	Small Size Digital Oscilloscope Using ARM Processor	ISSN: 2321-9653; IC Value: 45.98; SJ Volume 9 Issue VII July 2021-A	Peer-reviewed	https://www.ijraset.com/files/serve.php?FID=36151
8	V. M. Umale	IoT Based Remote Health Monitoring System with Electrocardiograph	ISSN (Online) 2581-9429, Volume 2, Issue 1, June 2022	Peer-reviewed	https://ijarsct.co.in/Paper4620.pdf
9	Dr. D. P. Tulaskar, S. G. Nemané	Design and development of warehouse management system for prevention from hazards	Volume 10, Issue 4, ISSN: 2320-2084, pISSN: 2321-2950	Peer-reviewed	https://iraj.in/journal/IJEEDC/paper_detail.php?paper_id=18554&name=Design_and_Development_of_Warehouse_Management_System_for_Prevention_from_Hazards
10	V. S. Ingole	Student Performance Evaluation System WebApplication	ISSN (Online) 2581-9429, Volume 2, Issue 6, May 2022	Peer-reviewed	https://ijarsct.co.in/Paper4269.pdf
11	K. S. Vyas	IOT based home automation and security using ESP 32	ISSN: 1548-7741, Volume 12 Issue 5 - 2022	Peer-reviewed	https://drive.google.com/file/d/1OE4MkEbnfXigfxGHHG8bM15pWQrZD1-I/view
12	K. S. Vyas	Door Security System for Home Monitoring based on Aurdino UNO	ISSN: 1548-7741	Peer-reviewed	https://drive.google.com/file/d/1Zk1QgdqmZemSsWVqaNq_dUMIvygSDdyh/view
13	Dr. K. T. Kahar	The IoT Based Exercise Cycle	ISSN (Online) 2581-9429,	Google Scholar	https://ijarsct.co.in/Paper3668.pdf

Publications in conference by faculty (2021-2022)

S.N	Name of Authors	Paper Title	Conference details	Indexing (SCI/ Web of Science /Scopus/UGC CARE/ Google Scholar/Other)	certificate link/Paper Link
1	Dr. M. N. Tibdewal	Application of Modified Restricted Boltzmann Machine (mRBM) for denoising of motion-Artifacted MRI scans	ISBN Information: Electronic ISBN:978-1-6654-6741-4 ISBN:978-1-6654-6742-1 Electronic ISSN: 2157-0485 ISSN: 2157-0477 15 June 2022,	IEEE, Scopus	https://ieeexplore.ieee.org/document/9791510
2	Mr. S. P. Badar Dr. K.B. Khanchandani	Fast Polar Decoder Implementation using Special Nodes	ISBN Information: Electronic ISBN:979-8-3503-1071-9,ISBN:979-8-3503-1072-6,02 June 2023, DOI-10.1109/PCEMS58491.2023.10136054	Scopus	https://ieeexplore.ieee.org/document/10136054

Patent/Copyright by faculty (2021-2022)

S.N.	Name of Inventors	Application No. / Publication No.	Title of the Invention	Status Published / Granted	link for proof
1	Dr. M. N. Tibdewal (Copyright)	Diary No:- L-107828/2021	Denoising of motion artifacts induced MRI scans using deep learning techniques:modified restricted Boltzmann machine (MRBM) and conditional generative adversarial	Published	https://ssgmcecin-my.sharepoint.com/:b:/g/personal/hod_extc_ssgmce_ac_in/EXUE-NXQhRBomB

			network(CGAN)		kf_9Of21UBWxSthX9ycthmRL5pgqBKaA?e=bJS6st
2	Dr. S. B. Patil, (Patent)	202121023739	Mobile communication prank calls avoidance by prefixes and number formats	Publish ed on 27/202 1	https://ssgmcea cin- my.sharepoint. com/:b:/g/pers onal/hod_extc ssgmce_ac_in/ EcfdT1mGFD hGqrzq_LJo0 AkBfeRxzwxC 939VgElkhOg Bzw?e=Gt69N H