



GURU GOBIND SINGH FOUNDATION'S

GURU GOBIND SINGH COLLEGE OF ENGINEERING & RESEARCH CENTRE

APPROVED BY AICTE, GOVT. OF MAHARASHTRA & DTE MUMBAI, AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY
NAAC ACCREDITATION FIRST CYCLE 'B+' WITH CGPA 2.72 IN APRIL 2019. DNV- GL CERTIFIED FOR ISO 9001:2015 STANDARDS



3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

3.3.1.1. Number of research papers in the Journals notified on UGC CARE year wise during the last five years

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Number	04	07	06	05	02

List of Publications (UGC Care / SCOPUS / WOS)

Title of paper	Name of the author/s	Calendar Year of publication	Link to article / paper / abstract of the article	Indexing
Critical success factors of green manufacturing for achieving sustainability in Indian context	Dr. S. D. Kalpande	2019	https://www.tandfonline.com/doi/full/10.1080/19397038.2019.1660731?tab=permissions&scroll=top	SCOPUS
Experimental investigation of H-38 (R290+R600A) as an alternative to R134a for small capacity refrigerator	Milind S. Patil	2019	https://www.scopus.com/sourceid/21101016918	SCOPUS
Total quality management in small and medium enterprises: An overview in Indian context	Dr. S. D. Kalpande	2020	https://www.tandfonline.com/doi/abs/10.1080/10686967.2020.1767008?journalCode=uqmj20	SCOPUS
Overview of Heat Transfer Augmentation Techniques for Parabolic Solar Concentrator Receiver	Milind S. Patil	2020	https://link.springer.com/chapter/10.1007/978-981-15-3635-9_18	SCOPUS

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Estimation of Average Daily Solar Radiation for Rural Areas Using ANN	Milind S. Patil	2020	https://ieeexplore.ieee.org/document/9105822	SCOPUS
Predicting Clear Sky Index for Performance Assessment of Roof Top on Grid Pv Plant	Milind S. Patil	2020	https://ieeexplore.ieee.org/document/9091769	SCOPUS
Fabrication of exoskeleton chair with simple linkage mechanism	Dr. S. D. Kalpande	2020	https://www.ijates.com/images/short_pdf/1581652127_738.pdf	SCOPUS
Strategic planning to investigate the decision index of organization for effective total quality management implementation – in context of Indian small and medium enterprises	Dr. S. D. Kalpande	2021	https://www.emerald.com/insight/content/doi/10.1108/JEDT-11-2020-0447/full/html?skipTracking=true	SCOPUS
Assessment of green supply chain management practices, performance, pressure and barriers amongst Indian manufacturer to achieve sustainable development	Dr. S. D. Kalpande	2021	https://www.emerald.com/insight/content/doi/10.1108/IJPPM-02-2020-0045/full/html	SCOPUS
A review on the identification of total productive maintenance critical success factors for effective implementation in the manufacturing sector.	Dr. S. D. Kalpande	2021	https://www.emerald.com/insight/content/doi/10.1108/JOME-11-2020-0118/full/html	SCOPUS
Predicting Solar Insolation Incident on Horizontal Surface for Performance Assessment of Solar Systems	Milind S. Patil	2021	https://ieeexplore.ieee.org/document/9478116	SCOPUS
Modulus of elasticity of blended concrete containing multiple admixture for sustainability infrastructural material	Dr. V.N.Kanthe	2021	https://link.springer.com/article/10.1007/s41062-021-00599-6	SCOPUS

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Reliability analysis & hypothesis testing of critical success factors of total productive maintenance	Dr. S. D. Kalpande	2021	https://www.emerald.com/insight/content/doi/10.1108/IJQRM-03-2021-0068/full/html	SCOPUS
Performance Assessment of Parabolic Trough Collector Receiver with Al ₂ O ₃ Nanofluid	Milind S. Patil	2022	http://www.jwent.net/article_254983_874fcce7d593a341a5be7b22a19c6b64.pdf	SCOPUS
Performance Analysis and ANN Modeling of Solar Parabolic trough Collector	Milind S. Patil	2022	https://link.springer.com/article/10.3103/S0003701X22040119	SCOPUS
Investigation of the Impact of Augmented Reality Technology on Interactive Teaching Learning Process	P. P. Kudale	2022	https://www.igi-global.com/article/investigation-of-the-impact-of-augmented-reality-technology-on-interactive-teaching-learning-process/285594	SCOPUS
Numerical Analysis and ANN Modeling of the Intercooled, Reheat and Regenerative Gas Turbine Cycle	Milind S. Patil	2022	https://link.springer.com/chapter/10.1007/978-981-19-5845-8_17	SCOPUS
A review on effects of process parameters in milling challenging materials under nanofluid-based MQL conditions	Dr.S.D.Kalpan de	2022	https://www.emerald.com/insight/publication/issn/0036-8792	SCOPUS
Microstructural study of blended concrete containing multiple admixtures	Dr. V. N. Kanthe	2022	https://link.springer.com/article/10.1007/s41024-022-00246-2	SCOPUS

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Methodology for the Parameter estimation of Diode model for PV cell	Dr. Rahul Agrawal	2022		SCOPUS
Optimization of VA Loading of Converter using Rao Algorithm for Maximum Utilization of Unified Power Quality Conditioner	Swati Gade, Rahul Agrawal	2023	-https://ph02.tci-thaijo.org/index.php/ECTI-EEC/article/view/248573	SCOPUS
Effect of heat treatment on microstructure, mechanical and corrosion charectaristic of Duplex stainless steel 2205 A review	Dr.S.D.Kalpan de	2023	www.scope-journal.com	SCOPUS
Bibliographical review of monitoring and controing technique for earthing system	Dr. Rahul Agrawal	2023	www.researchtrend.net	SCOPUS
Development and Economical Analysis of Innovative Parabolic Trough Collector Integrated Solar Still	Milind S. Patil	2023	https://dergipark.org.tr/en/pub/ijot/issue/83331/1313878	SCOPUS

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