

## MECHANICAL ENGINEERING

Sl No	Acad Year	Type	Faculty	Title	Journal name	DOI	Month & Year of Publication	Indexing	Impact factor	Peroid	Verified
1	2023-2024	Journal	Dr. Bibin Jose	Development of a novel autogenous double pulse tungsten inert gas welding technique for joining IN625 in concentrated solar power plants	Materials Today Communications (Elsevier)	<a href="https://doi.org/10.1016/j.mtcomm.2024.108567">https://doi.org/10.1016/j.mtcomm.2024.108567</a>	June 2024	SCI/SCIE	3.7	In this college	Yes
2	2023-2024	International Conferences	ARUN KUMAR D V		3rd International Conference on Sustainable materials, Manufacturing and Renewable Technologies, Cochin						
3	2023-2024	Journal	Dr. Bibin Jose	Enhancement of metallurgical and mechanical properties due to grain refinement in the compressive residual stress developed surface after the laser shock peening process: a review	Canadian Metallurgical Quarterly (Taylor & Francis)	<a href="https://doi.org/10.1080/00084433.2023.2235128">https://doi.org/10.1080/00084433.2023.2235128</a>	July 2023	SCI/SCIE	1.4	In this college	Yes
4	2023-2025	Book Chapters	Dr. Bibin Jose	Augmented Reality in Manufacturing: A Comprehensive Review	Gyanveshan	NA	December 2023	Google Scholar	NA	In this college	Yes
5	2023-2024	Journal	Dr. Bibin Jose	Influence of welding environment on joint characteristics of friction stir lap welded AA7475-PPS polymer hybrid joints	Materials Letters (Elsevier)	<a href="https://doi.org/10.1016/j.matlet.2023.134781">https://doi.org/10.1016/j.matlet.2023.134781</a>	October 2023	SCI/SCIE	2.7	Outside this college	Yes

6	2023-2024	Journal	Dr. Bibin Jose	Development of a novel welding technique with reduced heat-input by employing Double-pulsed gas metal arc welding for Aerospace grade 18% Ni Maraging steel	Journal of Manufacturing Science and Engineering (ASME)	<a href="https://doi.org/10.1115/1.4055248">https://doi.org/10.1115/1.4055248</a>	February 2023	SCI/SCIE	2.4	Outside this college	Yes
7	2023-2024	Book Chapters	Dr. Bibin Jose	Application of Augmented Reality in Manufacturing	IGI Global	NA	December 2023	Scopus	NA	In this college	Yes
8	2023-2024	Publications	International Journal papers with impact factor 1.5-2	MANOJ KUMAR K	Materials Today Proceedings						
9	2023-2024	International Conferences	MANOJ KUMAR K		International Conference on Communication and Intelligent Systems (2023)						
10	2023-2024	International Conferences	MANOJ KUMAR K		International Conference on Composites: Design, Processing, Manufacturing and Health Monitoring						
11	2021-2024	Publications	International Journal papers with impact factor<1.5	MANOJ KUMAR K	International Journal of Machining and Machinability of Materials						