

## MECHANICAL ENGINEERING

Sl No	Acad Year	Type	Faculty	Title	Journal name	DOI	Month & Year of Publication	Indexing	Impact factor	Peroid	Verified
1	2022-2023	Journal	Dr. Bibin Jose	Development of a low heat-input welding technique for joining plates of 250 grade maraging steel to fabricate rocket motor casings	Materials Letters (Elsevier)	<a href="https://doi.org/10.1016/j.matlet.2022.132984">https://doi.org/10.1016/j.matlet.2022.132984</a>	November 2022	SCI/SCIE	2.7	Outside this college	Yes
2	2022-2023	Journal	Dr. Bibin Jose	Technology development for thick section of aerospace-grade MDN 250 weldments with higher weld strength and toughness by suppressing reverted austenite phase	Journal of Materials Engineering and Performance (Springer)	<a href="https://doi.org/10.1007/s11665-021-06330-x">https://doi.org/10.1007/s11665-021-06330-x</a>	November 2024	SCI/SCIE	2.2	Outside this college	Yes
3	2021-2023	International Conferences	Dr. Bibin Jose	A comparative evaluation on the microstructure and mechanical properties of MDN 250 grade Maraging steel joined by Gas metal arc welding (GMAW) and Gas tungsten arc welding (GTAW) techniques'	16th Global Congress on Manufacturing and Management, GCMM 2022, Auckland University of Technology, New Zealand	NA	December 2022	NA	NA	Outside this college	Yes
4	2021-2024	Publications	International Journal papers with impact factor<1.5	MANOJ KUMAR K	International Journal of Machining and Machinability of Materials						
5	2022-2023	Publications	Book	MANOJ KUMAR K	WILEY						
6	2022-2023	Publications	Book Chapters	MANOJ KUMAR K	CRC Press						
7	2022-2023	Publications	Book Chapters	MANOJ KUMAR K	Advances in Micro and Nano Manufacturing and Surface Engineering (Springer, Singapore)						