

FACULTY PUBLICATIONS(2022-2023)

SL NO	PUBLICATIONS
1	Shaji M Jamal, C. Ramesh Kanna, S Manivannan, A Daniel Das, G Vivek, SCOPUS Journal Paper – "Machinability study on uncoated, coated and coated with treated tool in turning of GFRP" AIP Conf. Proc. 2446, 140007 (2022), https://doi.org/10.1063/5.0108236
2	Shaji M Jamal, Jamal, Shaji M. and Neelakantan, T. R. and Kannan, C. Ramesh and Manivannan, S. and Das, A. Daniel and Vivek, G. SCOPUS Journal Paper – "A Study on Mesoscopic Modelling of Concrete", AIP Conf. Proc. 2446, 140007 (2022), https://doi.org/10.1063/5.0108236
3	Kannan, C. Ramesh and Manivannan, S. and Das, A. Daniel and Vivek, G. and Jamal, Shaji M, SCOPUS Journal Paper, "Wear analysis of cryogenic treatment cutting tool insert in turning of glass fiber reinforced plastics", AIP Conference Proceedings, volume 2446, No. 1, 2022, https://doi.org/10.1063/5.0108237
4	G. Vivek, C. Ramesh Kannan, A. Daniel Das, S. Manivannan, Shaji M. Jamal, SCOPUS Journal Paper, "Performance analysis of vortex tube refrigeration system by experimental method". AIP Conf. Proc. 29 November 2022; 2446 (1), https://doi.org/10.1063/5.0108234 ,
5	C. Ramesh Kannan, S. Manivannan, A. Daniel Das, G. Vivek, Shaji M. Jamal, SCOPUS Journal Paper, "Influence of tool geometry on tool wear in turning of EN24 steel by using GRA and RSM". AIP Conf. Proc. 29 November 2022; 2446 (1), https://doi.org/10.1063/5.0108238
6	Sandeep, Mekkara Shanmughan, Koravith Tiprak, Sakdirat Kaewunruen, Phoonsak Pheinsusom, and Withit Pansuk. "Shear strength prediction of reinforced concrete beams using machine learning." In Structures, vol. 47, pp. 1196-1211. Elsevier, 2023. https://doi.org/10.1016/j.istruc.2022.11.140