

### **Publication in SCI / SCOPUS Journal (AY 2024-25)**

1. Prashna Maity, Sourav Majumdar, Amit Karmakar, Arijit Sinha & Apurba Das,” An investigation on laser machining of 7075 T6 aluminium alloy and effect of thermal treatment on its mechanical property." *Journal of The Institution of Engineers (India): Series D* (2024): 1-16. <https://doi.org/10.1007/s40033-024-00834-1>
2. Sourav Majumdar, Arijit Sinha, Apurba Das, Priyankar Datta, Debabrata Nag "An Insight View of evolution of advanced aluminum alloy for aerospace and automotive industry: current status and future prospects." *Journal of The Institution of Engineers (India): Series D* (2024): 1-18.<https://doi.org/10.1007/s40033-024-00852-z>
3. Bhole, N.N., Bhole, S.N., Ramesh, K., Krupadanam, R., Singh, P.K., **Shantanu Datta.**, Ramana, V.V. Yamini, C. “Develop and Test Magnetic Nano Catalysts Reuse for Ozonation in Wastewater Treatment”. *Oxidation Communications*, (2024): 47(4),648–657.
4. Thander, A.K. Numerical methods for modal analysis in optical rib waveguide structures: a review. *J Opt* (2024). <https://doi.org/10.1007/s12596-024-02037-z>