

LIST OF PUBLICATIONS AND CONFERENCES

PUBLICATIONS FROM THESIS WORK

1. Nautiyal, H., Kumari, S., Khatri, O.P. and Tyagi, R., 2019. Copper matrix composites reinforced by rGO-MoS₂ hybrid: Strengthening effect to enhancement of tribological properties. *Composites Part B: Engineering*, 173, p.106931.
2. Nautiyal, H., Srivastava, P., Khatri, O.P., Mohan, S. and Tyagi, R., 2019. Wear and friction behavior of copper based nano hybrid composites fabricated by spark plasma sintering. *Materials Research Express*, 6(8), p.0850h2.
3. Nautiyal, H., Kumari, S., Rao, U.S., Tyagi, R. and Khatri, O.P., 2020. Tribological Performance of Cu-rGO-MoS₂ Nanocomposites Under Dry Sliding. *Tribology Letters*, 68(1), p.29.

OTHER PUBLICATIONS

1. Nautiyal, H., Sharma, P.K. and Tyagi, R., 2020. High-Temperature Erosive Wear Behavior of High-Velocity Oxy-Fuel Sprayed Cr₃C₂25 (Ni₂₀Cr) Coating on (AISI 316) Austenitic Steel. *Journal of Tribology*, 142(7).

INTERNATIONAL CONFERENCES

1. Nautiyal, H., Sharma, P.K. and Tyagi, R., 2019; 14-16 August. Solid Particle Erosion Wear Of High Velocity Oxy-Fuel (HVOF) Sprayed Diamalloy Coating On AISI-316 Stainless Steel. ICAME 2019 (Malaysia).

NATIONAL CONFERENCES

1. Nautiyal, H., Mishra, B.B. and Tyagi, R., 2019; 1-4 December. Dry Sliding of Atmospheric Plasma Sprayed Cr₃C₂-NiCr Coating on AISI-304 Stainless Steel. India Trib 2019 (IISc Bangalore).
2. Nautiyal, H., Badhan, B., Mohrana, R., Tyagi, R. and Rao, U.S., 2019; 18-19 October Evaluation Of Mechanical Properties & Tribological Behavior Of Self-Lubricating Aluminum Matrix Hybrid Composites Synthesized Via Stir Casting Route. ITME 2019 (KIET Ghaziabad).