



LIST OF PUBLICATIONS

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Journal papers

1. **Sangita Mohapatra**, Dilip Kumar Mishra, Saroj Kumar Singh, “Microscopic and spectroscopic analyses of TiC powder synthesized by thermal plasma technique”, *Powder Technology (ELSEVIER)*, Vol. 237, pp. 41–45, 2013.
2. **Sangita Mohapatra**, Sisir Mantry, S. K. Singh & Alok Satapathy, “Solid particle erosion behavior of glass-epoxy composites filled with TiC derived from ilmenite”, *International Journal of Plastic Technology (SPRINGER)*, Vol. 18(1), pp.75–87, 2014.
3. **Sangita Mohapatra**, A. K. Chaubey, D. K. Mishra, S. K. Singh, “Fabrication of Al-TiC composites by hot consolidation technique: its microstructure and mechanical properties”, *Journal of Materials Research and Technology (ELSEVIER)*, <http://dx.doi.org/10.1016/j.jmrt.2015.07.001>, JMRTEC-175, No.of Pages6, 2015

Proceedings

1. **Sangita Mohapatra**, S. K. Singh and D. K. Mishra, “Carbothermal Reduction Process to Synthesize TiC From Ilmenite Using DC Extended Thermal Plasma Reactor”, *28th National Symposium on Plasma Science and Technology (Plasma 2013)*, 3-6 December, KIIT University, Bhubaneswar.
2. **Sangita Mohapatra**, Sisir Mantry, Silani Sahoo, Sasmita Mohapatra and S.K.Singh, “Study of erosive wear of glass-epoxy composites reinforced with TiC derived through plasma”, , *APM 2012, Feb 10-12, CIPET, Ahemedabad* article no 106, page no 152.