

## LIST OF PUBLICATIONS

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1. **Khemraj**, Jha, A.K. and Ojha, S.N. (2017) ‘Microstructural features induced during compression of Al-18Si-2.5Cu-0.6Fe alloy at elevated temperature’, *Int. J. Microstructure and Materials Properties*, Vol. 12, Nos. 5/6, pp.332–347. (<https://doi.org/10.1504/IJMMP.2017.092162>)
2. **Khemraj**, A.K. Jha, S.N. Ojha, (2018) ‘Tribo-mechanical Behavior of Complex Hypereutectic Al-Si Alloy Compressed through a Converging Die at Elevated Temperatures’ *Materials Research Express*, 5, 076509. (<https://doi.org/10.1088/2053-1591/aacc94>)
3. **Khemraj**, Jha, A.K. and Ojha, S.N. (2019) ‘Deformation and fracture characteristics of complex Al-Si alloy during high speed forging under different processing conditions’, *Int. J. Materials and Product Technology*, Vol. 58, No. 1, pp.32–54. (<https://doi.org/10.1504/IJMPT.2019.096927>)
4. **Khemraj**, A.K. Jha, S.N. Ojha, ‘Deformation Behavior of A356, Al-11Si-2.5Cu-0.6Fe, and Al-18Si-2.5Cu-0.6Fe Alloys Forged under Different Processing Conditions’, *International Journal of Materials Engineering Innovation*, ISSN: 1757-2762. (Accepted)
5. **Khemraj**, A.K. Jha, S.N. Ojha, ‘Deformation behavior of aluminum-silicon (Al-Si) alloy during forging under various processing conditions’, *Materials Today: Proceedings*. (Accepted)