

List of Publications

1. Vaibhav Chandra, Andriya Narasimhulu, Sudarshan Ghosh, and P.Venkateshwara Rao, **Multi-objective optimization and modelling of AISI D2 using grey relational analysis and RSM approaches under nano based MQL hard turning**". The 2nd International Conference on Future Learning Aspects of Mechanical Engineering FLAME 2020 – Online 5th – 7th August 2020.
2. Rishabh Gupta, Manish Dalakoti, and Andriya Narasimhulu (2020), **A Critical Review of Process Parameters in Laminated Object Manufacturing Process**, *Advances in Materials Engineering and Manufacturing Processes, Lecture Notes on Multidisciplinary Industrial Engineering*, Page: 31-39. https://doi.org/10.1007/978-981-15-4331-9_3
3. Kanav Bhatia, Aakah Tanwar, **Andriya Narasimhulu (2019)**, **“Experimental Investigation of Magnetic Braking System using Permanent Magnets”**, International Conference on Innovative Technologies in Mechanical Engineering (ITME-2019), 18th – 19th October 2019, Organised by Department of Mechanical Engineering, KIET Group of Institutions, Delhi-NCR, Ghaziabad in collaboration with Cranfield University, UK, Sponsored by AICTE.
4. **Andriya Narasimhulu**, Kanav Bhatia, Nitish Kumar (2019), **“A Review on Selective Laser Melting of Ti6Al4V: Microstructure and Properties”**, Proceedings of Science Globe International Conference, 14th July, 2019, New Delhi, India, pp 20-25, Organized by Science Globe.
5. Shivani Pratap Solanki, **Narasimhulu Andriya** - METAL INJECTION MOLDING OF TUNGSTEN CARBIDE: PROPERTIES AND RECENT DEVELOPMENT Netaji Subhas Institute of Technology, New Delhi, INDIA Page No: 665-676. DOI:16.10089.UR.2018.V7I10.15.2084
6. Shivani Pratap Solanki, **Narasimhulu Andriya** (2018), **“Metal Injection Molding of Tungsten Carbide: Properties and Recent Development”**, 3rd International Conference on Science, Technology & Management (ICSTM-2018), Institution of Engineers, Sector-19A, Chandigarh, India on 28th October 2018
7. Jayant Kumar Jha and **Andriya Narasimhulu (2018/09)** **“A Critical Review of Process Parameters of Fused Deposition Modeling”**, Journal of Material Science and Mechanical Engineering (JMSME), 5(3), Pg: 138-141, ISSN:2393-9095; e-ISSN: 2393-9109
8. Shivam Prasad, **Narasimhulu Andriya**, Amritash Ojha., **“A Review on Nuclear Radiation Accidents”** Proceeding of WRFER International Conference on Mechanical & Production Engineering (ICMPE) held at New Delhi, India on 15th April 2018. Pages: 38-40, Paper ID: WR-MPE-DELH-22048-3150. ISBN: 978-93-87954-02-1
9. Rohit Shandley, **Andriya Narasimhulu.**, **“Effect of marble powder concentration on mechanical properties of unsaturated polyester resin for the development of rock climbing holds”**. International Conference on Advances in Materials & Manufacturing (ICAMM-2016), December 8-10, 2016, Hyderabad, INDIA, 569-575; ISBN: 978-93-86256-19-5
10. Sumit Kumar, **Andriya Narasimhulu.**, Study of surface roughness and dimensional deviation in machining of titanium alloy by wire EDM machining process using RSM technique. International Journal of Applied Engineering Research (IJAER), 2015: p. 1-5. *ISSN 0973-4562*

11. Chetan, **Narasimhulu, A.**, Ghosh, S., Rao, P. V. (2015). "Study of Tool Wear Mechanisms and Mathematical Modeling of Flank Wear During Machining of Ti Alloy (Ti6Al4V)." *Journal of The Institution of Engineers (India): Series C* 96(3): 279-285. ISSN: 2250-0545; DOI: 10.1007/s40032-014-0162-9
12. **Andriya, N.**, Venkateswara Rao, P., Sudarsan Ghosh., "Study on Cutting Forces and Surface Finish in Cryogenic machining of Ti-6Al-4V using PVD coated TiAlN inserts". Proceeding of the International Conference on Advances in Materials Processing and Characterisation, Anna University, India, 2013: p. 1-6.
13. Bijoy Bhisoy, **Narasimhulu Andriya**, Venkateswara Rao P and Sudarshan Ghosh (2012), "Improvement of machining characteristics of titanium alloy with modified cutting tool inserts under wet condition", AIMTDR'12, Jadavpur University, Kolkata, India
14. **Narasimhulu Andriya**, Venkateswara Rao P and Sudarshan Ghosh (2012), "Machining study of Ti-6Al-4V using PVD coated TiAlN inserts", International Conference on Advancements and Future Trends in Mechanical and Materials Engineering (ICAFTMME'12), Punjab Techniacal University, India.
15. **Narasimhulu Andriya**, Venkateswara Rao P and Sudarshan Ghosh (2012) "A Critical Review on Tool wear in Titanium Machining", International Conference on Mechanical Engineering and Mechatronics (ICMEM'12), Canada.
16. **Andriya, Narasimhulu.**, Venkateswara Rao, P., Sudarsan Ghosh., "Dry Machining of Ti-6Al-4V using PVD coated TiAlN Tools". Proceedings of the World congress on engineering of The 2012 International Conference of Manufacturing Engineering and Engineering Management (WCE'12, ICMEM), London, U.K., 2012: p. 1492-1497.
17. Presented a technical paper on 'Ant Colony System: A coordinative Learning Approach to the Travelling Salesman Problem' in a "National Level Students Technical Symposium" held at KSRM Engineering College Bhimavaram-534204, SANKETA'07, 24&25 January 2007