

## National/International Journal/Conference Publication

Sr No.	Publication Details
01	Mahesh Sonekar and Dr. S B Jaju, Review Paper “fracture analysis of NEF exhaust manifold stud of mahindra tractor through finite element method (FEM) – A Past Review” published in International Journal of Engineering and Technology, IJET vol.3(2), 131-135 April – May 2011., ISSN : 0975-4024
02	Mahesh M Sonekar and Dr. S B Jaju research paper “fracture analysis of exhaust manifold stud of mahindra tractor through finite element analysis” presented and published at 4th international conference on emerging trends in engineering & technology, ICETE.2011.70 at Mauritius, Nov 18-20, 2011.
03	Mahesh M Sonekar, paper presented at National level Conference on “Quality Aspect on Government Milk Scheme (Aarey) – A case study” at All India Seminar on Quality works organized by the Institute of Engineers (INDIA), Nagpur Local Centre, 2011
04	Mahesh M Sonekar, research paper titled “Transient thermal analysis of steam turbine rotor – a past review” presented at national conference on advances in manufacturing technology, March 15-16, 2012 at NITTR, Chandigarh
05	Mahesh M Sonekar, National level paper presented on Finite element analysis of reciprocating screw for injection moulding machine” in ASCENT national conference, 2011 at Umrer college of engineering, Nagpur.
06	Sonekar, Mahesh M. and Rathod, Walmik S., Mechanical Characterization of Prosthetic Bone Implant Scaffold Materials (December 21, 2017). International Conference on Advances in Thermal Systems, Materials and Design Engineering (ATSMDE2017). Available at SSRN: <a href="https://ssrn.com/abstract=3101686">https://ssrn.com/abstract=3101686</a> or <a href="http://dx.doi.org/10.2139/ssrn.3101686">http://dx.doi.org/10.2139/ssrn.3101686</a>
07	Mahesh M Sonekar and Dr. Walmik S Rathod, Research paper “An experimental investigation on tribological behavior of bio-implant material (SS-316 & Ti6Al4V) for orthopedic applications” in ELSEVIER materialstoday:PROCEEDINGS 2019. <a href="https://doi.org/10.1016/j.matpr.2019.07.633">https://doi.org/10.1016/j.matpr.2019.07.633</a> .
08	Mahesh M Sonekar and Dr. Walmik S Rathod, Research paper “A Comparative study of wear mechanism in SS 316L, Ti6Al4V and CoCrMg bio-implant material using ball on disc wear testing machine for orthopaedic application” accepted for presentation and publication in INDO-US Conference on Bioengineering & Regenerative Medicine (ICBR 2020) at IIT BHU, UP, India from 27 <sup>th</sup> – 29 <sup>th</sup> Feb 2020.