

Research Publications in Journals

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
1	Effect Of Tangent Modulus On Residual Stresses Of A Spherical Vessel Subjected To Internal Pressure	Rupali , S. Sarkar and S. C. Mondal	Mechanical Engineering	JETIR .(UGC Approved Journal No-63975) ISSN-2349-5162.	2019	ISSN-2349-5162
2	Design Optimization of TIG Welding Process for AISI 316L Stainless Steel	Subhas Chandra Moi , Pradip Kumar Pal, Asish Bandyopadhyay	Mechanical Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2019	ISSN: 2277-3878
3	Effect of Heat Input on the Mechanical and Metallurgical Characteristics of TIG Welded Joints	Subhas Chandra Moi , Pradip Kumar Pal, Asish Bandyopadhyay, Ramesh Rudrapati	Mechanical Engineering	Journal of Mechanical Engineering	2019	ISSN 1823-5514, ISSN2550-164X
4	Roof cooling cover with the use of Polyester fabric and naturally Available low thermal conductivity Material	Rupali , S Dinda, S K Baranwal , S Kubhkar, S Shaw, S Ghosh and S Kumar	Mechanical Engineering	JETIR (UGC APPROVED) ISSN-2349-5162.	2018	ISSN-2349-5162.
5	<i>Effect of Mechanical Properties on Spur Gear Dynamics'</i>	Chandan Chattoraj	Mechanical Engineering	International Educational Journal of Science and Engineering	2018	ISSN NO: 2581-6195
6	Determination of tungsten inert gas welding input parameters to attain maximum tensile strength of 316l austenitic stainless steel	Subhas Chandra Moi , Pradip Kumar Pal, Asish Bandyopadhyay, Ramesh Rudrapati	Mechanical Engineering	Journal of MECHANICAL ENGINEERING – Strojnícky časopis,	2018	Print ISSN 0039-2472, On-line ISSN 2450-5471
7	Finite Element Analysis of Thermally Autofrettaged strain- hardening Spherical vessels	Rupali , S. C. Mondal and S. Sarkar	Mechanical Engineering	International Journal of Research in Engineering & Applied Sciences(IJREAS)	2017	ISSN(O):2249-3905, ISSN(P):2349- 6525,

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8	<i>Evolution of whirl in flexible isotropic rotors : modelling and experimental study'</i>	Chandan Chattoraj	Mechanical Engineering	<i>International Journal of Latest Trends in Engineering and Technology</i>	2017	ISSN : 2278-621X
9	Model based single fault disambiguation and fault tolerant control for a hydraulic drive using receding horizon.	Sarnendu Paul., Sanjoy K. Ghoshal., Subrata Samanta. , Jayanta Das.	Mechanical Engineering	<i>Journal of the Brazilian Society of Mechanical Sciences and Engineering.</i>	2017	ISSN 1678-5878
10	Dynamic Behaviour and Crack Detection of a Multi Cracked Rotating Shaft using Adaptive Neuro-Fuzzy-Inference System	Rajeev Ranjan	ME	International Journal of Manufacturing, Materials, and Mechanical Engineering	2016	ISSN 21561672, 21561680
11	Finite Element Analysis for Predicting Residual Stresses of Autofrettaged Spherical vessels considering Bauschinger Effect	Rupali and S C Mondal	ME	International Journal of Scientific & Engineering Research	2015	ISSN : 2229-5518