

DC MEMBER DETAILS – 4 (other University)

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Department	Mechanical Engineering
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Area of Specialization	Material Characterization

Publications Details (Last 5 years):

S. No.	Title	Journal Name	Vol, PP	Year
1.	Multi response optimization of machining parameters in EDM of dual particle (MWCNT+B4C) reinforced sintered composites	International Journal of Machining and Machinability of Materials	20(5), p. 425-446	2018
2.	Process Parameter Optimization in TIG Welding of AISI 4340 Low Alloy Steel Welds by Genetic Algorithm	IOP Conference Series: Materials Science and Engineering	390: p. 012066	2018
3.	A Preliminary Investigations on Second Generation Nano Composite Super Nitride Coatings on Astm A681 Tool Steels	IOP Conference Series: Materials Science and Engineering	390: p. 012054	2018
4.	Optimization of Drilling Parameters of Carbon Fiber Composites Using RSM based Desirability Function	IOP Conference Series: Materials Science and Engineering	390: p. 012076	2018
5.	Multi Objective Process Parameters Optimization of Friction Stir Welding using NSGA – II	IOP Conference Series: Materials Science and Engineering	390: p. 012087	2018

S. No.	Title	Journal Name	Vol, PP	Year
6.	'Parametric Optimization of the Friction Stir Welding Process of Age Hardenable Aluminum Alloys – ANFIS Modeling'	Journal of South Central university	Vol. 23, No. 8, pp. 1847–1857, (IF: 0.761)	2016
7.	'Tensile Properties Improvement on Friction Stir Welded Age-Hardenable Aluminum Alloys: An Evolutionary Approach using RSM based GA and SA	Revista Tecnica De La Facultad De Ingenieria Universidad Del Zulia	Vol. 39, No. 1, pp. 55 - 70. (IF: 0.033)	2016
8.	Friction Stir Welding of Age-Hardenable Aluminum Alloys: A Parametric Approach Using RSM Based GRA Coupled With PCA	Journal of The Institution of Engineers (India): Series C	Vol. 95, No. 2, pp. 127-141	2014
9.	A Parametric Optimization of FSW Process Using RSM Based Grey Relational Analysis Approach	International Review of Mechanical Engineering (IREME)	Vol. 8, No. 2, pp. 328-337	2014
10.	A Multi Response Optimization of Tool Pin Profile on the Tensile Behavior of Age-hardenable Aluminum Alloys during Friction Stir Welding	Research Journal of Applied Sciences, Engineering and Technology	Vol. 7, No. 21, pp. 4503-4518	2014
11.	Parametric optimization of age hardenable aluminum alloys using TGRA coupled with PCA	Applied Mechanics & Materials	Vol. 813 - 814, pp. 613 – 619	2015
12.	Optimization of friction stir welding parameters using RSM based grey fuzzy approach	Saudi Journal of Engineering and Technology	2(1):12-25	2017