

# Dr.Mohan Bangaru Ph.D

Professor of Mechanical Engineering

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CompositesProduction Engineering

<u>TITLE</u>	<u>CITED BY</u>	<u>YEAR</u>
<u>Influence of microstructure and mechanical properties of TiC reinforced magnesium nano composites</u> G Anbuechziyan, B Mohan, S Kathiresan, R Pugazenthi Materials Today: Proceedings		2020
<u>Influence of squeeze cast process parameters on wear behavior of AA6061</u> MT Azhagan, B Mohan Materials Today: Proceedings		2020
<u>Multi-Objective Optimization of Magneto Rheological Abrasive Flow Nano Finishing Process on AISI Stainless Steel 316L</u> S Kathiresan, B Mohan Journal of Nano Research 63, 98-111		2020
<u>Tuning of structural and electronic properties of functionalized germanene quantum dot</u> S Devi, B Mohan, M Sharma, PK Ahluwalia, S Chand AIP Conference Proceedings 2115 (1), 030170	<u>1</u>	2019
<u>Synthesis and Characterization of Nano-Glass Particles Reinforced AZ91D Magnesium Alloy Composites</u> G Anbuechziyan, B Mohan, T Muthuramalingam Advances in Materials and Metallurgy, 39-45		2019
<u>Effect of process parameters on mechanical properties of hollow glass microsphere reinforced magnesium alloy syntactic foams under vacuum die casting</u> G Anbuechziyan, T Muthuramalingam, B Mohan Archives of Civil and Mechanical Engineering 18, 1645-1650	<u>17</u>	2018
<u>Performance analysis of pulse generators on residual stress of machined silicon steel using the EDM process</u> T Muthuramalingam, B Mohan, S Vignesh Silicon 10 (5), 1785-1792	<u>8</u>	2018
<u>Experimental investigation on machinability of Inconel 800 using CNC WEDM and modeling of process parameters</u> C Nandakumar, B Mohan, MA Salman Khan Journal of Advanced Microscopy Research 13 (2), 160-165	<u>1</u>	2018
<u>Performance evaluation of interconnected pneumatic cylinders positioning system</u>	<u>5</u>	2018

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D Saravanakumar, B Mohan, T Muthuramalingam, G Sakthivel Sensors and Actuators A: Physical 274, 155-164		
<u>Experimental analysis of magneto rheological abrasive flow finishing process on AISI stainless steel 316L</u> S Kathiresan, B Mohan Materials and Manufacturing Processes 33 (4), 422-432	<u>8</u>	2018
<u>Synthesis and characterization of hollow glass microspheres reinforced magnesium alloy matrix syntactic foam</u> G Anbuechezhiyan, B Mohan, D Sathianarayanan, T Muthuramalingam Journal of Alloys and Compounds 719, 125-132	<u>38</u>	2017
<u>A review on recent research trends in servo pneumatic positioning systems</u> D Saravanakumar, B Mohan, T Muthuramalingam Precision Engineering 49, 481-492	<u>44</u>	2017
<u>Sliding wear behaviour of Al-Si alloy-fly ash composites produced by powder metallurgy technique</u> HS Jailani, A Rajadurai, B Mohan, T Sornakumar Industrial Lubrication and Tribology	<u>7</u>	2017
<u>INTERFACIAL DESIGN AND DEVELOPMENT OF Cu/SiC MMCs FOR THERMAL MANAGEMENT APPLICATIONS BY PM ROUTE</u> R Shetty, S Kavithaa, A Udayakumar, SS Avadhani, BK Mohan, ... TRANSACTIONS OF POWDER METALLURGY ASSOCIATION OF INDIA, 108	<u>1</u>	2016
<u>Identification of Friction Parameters in Pneumatic Cylinders using a Combined Real-Time and Simulation Environment</u> D Saravanakumar, B Mohan International Journal of Mechanical Handling and Automation 1 (2), 01-06	<u>1</u>	2016
<u>Low velocity impact behaviour of glass fabric/epoxy honeycomb core sandwich composites</u> AA Prakash, B Mohan, A Rajadurai, A Jaswin Science and Engineering of Composite Materials 22 (5), 525-538	<u>8</u>	2015
<u>Evaluation of drilled hole quality of Al-Si alloy/fly ash composites produced by powder metallurgical technique</u> H Jailani, A Rajadurai, B Mohan, T Sornakumar NISCAIR-CSIR, India	<u>1</u>	2015

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<u><a href="#">A Study on Influence of System Parameters on Servo Pneumatic System and Multi-response Optimization using Taguchi–Grey Methodology</a></u> D Saravanakumar, B Mohan, T Muthuramalingam Applied Mechanics and Materials 789, 901-905	<u>1</u>	2015
<u><a href="#">Experimental study of squeeze casting of aluminium alloy AA6061</a></u> MT Azhagan, B Mohan, A Rajadurai Applied Mechanics and Materials 766, 422-426	<u>2</u>	2015
<u><a href="#">Development of Magnesium Matrix Syntactic Foams Processed through Powder Metallurgy Techniques</a></u> G Anbucheziyan, B Mohan, RV Karthikeyan Applied Mechanics and Materials 766, 281-286	<u>1</u>	2015
<u><a href="#">Evaluation of surface finish of electrical discharge machined AISI 304 stainless steel with various pulse generators</a></u> T Muthuramalingam, B Mohan, D Saravanakumar Applied Mechanics and Materials 772, 279-283	<u>1</u>	2015
<u><a href="#">Prediction of Surface Roughness in Magneto Rheological Abrasive Flow Finishing Process by Artificial Neural Networks and Regression Analysis</a></u> S Kathiresan, K Hariharan, B Mohan Applied Mechanics and Materials 766, 1076-1084		2015
<u><a href="#">Evaluation of recast layer thickness of electrical discharge machined AISI 202 stainless steel with various pulse generators</a></u> S Vignesh, B Mohan, T Muthuramalingam, S Karthikeyan Applied Mechanics and Materials 766, 518-522	<u>3</u>	2015
<u><a href="#">Modeling and Optimization of WEDM of Titanium</a></u> C Nandakumar, B Mohan, C Senthilkumar, K Vickram Applied Mechanics and Materials 766, 873-877	<u>1</u>	2015
<u><a href="#">A review on influence of electrical process parameters in EDM process</a></u> T Muthuramalingam, B Mohan Archives of Civil and Mechanical Engineering 15 (1), 87-94	<u>151</u>	2015