



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE**

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## Department of Mechanical Engineering

### Academic Year 2019-2020

Title Of Paper	Name Of The Author/S	Name Of Journal	ISSN Number
Experimental Investigation Of Vegetable Oil As Dielectric Fluid In Electric Discharge Machining Of Ti-6al-4v	<b>B. Singaravel, K. Chandra Shekar, G. Gowtham Reddy, S. Deva Prasad</b>	AIN Shams Engineering Journal	2090-4479
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Flexural Strength And Inter Laminar Shear Strength Of Carbon Fabric And Silk Satin Fabric Reinforced Hybrid Composites	<b>P. Madhavi A, G. Yadagiri A. Naveen , M. Shravan A. Ravi A, K. Chandra Shekar</b>	Materials Today: Proceedings	2214-7853



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Effect Of Fiber Orientation On The Flexural Properties Of Glass Fiber Reinforced, Epoxy- Matrix Composite	<b>K. Chandra Shekar</b> , B. Singaravel, S. Deva Prasad And N. Venkateshwarlu	Materials Science Forum	1662-9752
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Experimental Investigation Of Sunflower Oil As Dielectric Fluid In Die Sinking Electric Discharge Machining Process	<b>G.Gowtham Reddy</b> , B.Singaravel And K. Chandra Shekar	Materials Science Forum	1662-9752
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Performance Characteristics And Emissions Test On Ci Engine Using Biodiesel As Alternative Fuel	<b>Shivakumar Patil</b> , Sarat Chandra Mohanty, V Guru Shankar	International Journal For Research In Applied Science & Engineering Technology (Ijrasnet)	2321-9653
Performance Characteristics And Emissions Test On Ci Engine Using Biodiesel As Alternative Fuel	Shivakumar Patil, <b>Sarat Chandra Mohanty</b> , V Guru Shankar	International Journal For Research In Applied Science & Engineering Technology (Ijrasnet)	2321-9653



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Modeling And Analysis Of A Rocker-Bogie System To Improve Its Performance	<b>Mr. Anup Kumar Jana1</b> , Mr. R Eshwariah, Mr. M. Ashok	International Journal For Research In Applied Science & Engineering Technology (Ijreset)	2321-9653
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Analysis Of The Effect Of Machining Parameters On Corrosion Characteristics In Turning Process	<b>B.Singaravel</b> , T.Selvaraj, K.Chandra Shekar	Ijert	2320-2882
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Flexural Strength And Effect Of Drilling Parameters On Surface Roughness, Circularity Of Natural Fiber Composites	<b>Saikrupa Cheluka</b> , Yadagiri Gollapalli, Sravya S	International Journal For Research In Applied Science & Engineering Technology (Ijraset)	ISSN: 2321-9653; IC VALUE: 45.98; SJ
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Analysis Of Delamination And Surface Quality In Drilling Of Gfrp Composites	<b>M.Radhika</b> , G.Yadagiri, S.Surappa, U.Adithya Chakri	JETIR	JUNE 2019, VOLUME 6, ISSUE 6
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Optimization Study Of Process Parameters Using Genetic Algorithm In Edm	<b>S. Deva Prasad</b> , K. Chandra Shekara, B. Singaravel , N. Venkateshwarlua , E. Sai Santosha	Mtt Journal	0972-7396, VOL 19, NO. 5-6
Optimization Study Of Process Parameters Using Genetic Algorithm In Edm	S. Deva Prasada, <b>K. Chandra Shekar</b> , B. Singaravel , N. Venkateshwarlua , E. Sai Santosha	MTT Journal	0972-7396, VOL 19, NO. 5-6



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Mode-I Fracture Toughness Of Glass/Carbon Fiber Reinforced Epoxy Matrix Polymer Composite	<b>K. Chandra Shekar</b> , B. Singaravel, S. Deva Prasada, N. Venkateshwarlu, B. Srikantha	Materials Today Proceedings	2214-7853
Mode-I Fracture Toughness Of Glass/Carbon Fiber Reinforced Epoxy Matrix Polymer Composite	K. Chandra Shekara, <b>B. Singaravel</b> , S. Deva Prasada, N. Venkateshwarlu, B. Srikantha	Materials Today Proceedings	2214-7853
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Characterization Of Inconel 718 At Sub-Zero Temperature	C.Sharath Chandra, K.Nagacharya, L.Jayaharia <b>S.M.Hussaini</b>	Materials Today Proceedings	2214-7853
Experimental Characterization Of Cfrp By Nol Ring Test	V. Saisricharana, A Vishnuvardhan G.Sairaja. G. Ramarao, <b>G.V.Rao</b> , S.M.Hussaini	Materials Today Proceedings	2214-7853
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Effect Of Hydrothermal Aging And Artificially Introduced Delamination On Mode I Fracture Toughness E Glass Epoxy Matrix	<b>Ch.Divya &amp; P.Madhavi</b>	Ijrasat	2321-9653
Effect Of Hydrothermal Aging And Artificially Introduced Delamination On Mode I Fracture Toughness E Glass Epoxy Matrix	Ch.Divya & <b>P.Madhavi</b>	IJRASET	2321-9653
Performance Analysis Of Wire Edm Process On Aerospace Materials	<b>V Guru Shanker</b> , Yadagiri G, Shiva Shankar K, Pavan Chandu B, Shiva Kumar Patil	AIP Conference Proceedings	
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Performance Analysis Of Wire Edm Process On Aerospace Materials	V Guru Shanker, Yadagiri G, Shiva Shankar K, Pavan Chandu B, <b>Shiva Kumar Patil</b>	AIP Conference Proceedings	
Theoretical And Analytical Analysis Of Over Hanging Diving Board	<b>Mr. K. Vijay Kumar</b> 1, Mr. V.Gurushanker2 , Mr. P.Vinod3, Mr. A.Venkatram Reddy4	International Research Journal Of Engineering And Technology (Irjet)	ISSN: 2395-0056, VOLUME 7 ISSUE 6,
Theoretical And Analytical Analysis Of Over Hanging Diving Board	Mr. K. Vijay Kumar1, <b>Mr. V.Gurushanker</b> 2 , Mr. P.Vinod3, Mr. A.Venkatram Reddy5	International Research Journal Of Engineering And Technology (Irjet)	ISSN: 2395-0056, VOLUME 7 ISSUE 6,
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Design And Dynamic Analysis Of Bevel Gear	<b>Pavan Chandu Boda1</b> , Rachakonda Ranjithkumar2 , Koppula Vijay Kuamr3	The International Journal Of Analytical And Experimental Modal Analysis	ISSN NO:0886-9367, VOLUME XII - ISSUE
Design And Dynamic Analysis Of Bevel Gear	Pavan Chandu Boda1 , <b>Rachakonda Ranjithkumar2</b> , Koppula Vijay Kuamr4	The International Journal Of Analytical And Experimental Modal Analysis	ISSN NO:0886-9367, VOLUME XII - ISSUE
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Design And Analysis Of Missile Control System Under Random Loading Conditions	<b>Mr.A. Venkatram Reddy1</b> , Mr.P.Vinod2 , Mr.K.Vijaykumar3	The International Journal Of Analytical And Experimental Modal Analysis	ISSN NO:0886-9367, VOLUME XII - ISSUE – VI
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Pressure Die Casting Tool Design For Side Engine Cover Of Gear Box Casing	<b>Mr. P.Vinod</b> , Mr. K. Vijay Kumar, Mr. A.Venkatram Reddy	Mukt Shabd Journal	ISSN NO : 2347-3150. VOLUME IX, ISSUE VI
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Nano Cutting Fluid Is An Alternative To Hydrocarbon Oil Based Cutting Fluid And Eliminating Solid Lubrication In Textured Cutting Inserts	<b>Ch. Divya</b> , L. Suvarna Rajua And B. Singaravel B	Journal Of Indian Chemical Society	J. INDIAN CHEM. SOC.,VOL. 97, JULY 2020, PP. 174-179
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Effect Of Various Solid Lubricants On Surface Quality In Turning Of Inconel 720	Ch. Divya, L. Suvarna Rajua And <b>B. Singaravel B</b>	Journal Of Mechanics Of Continua And Mathematical Sciences	ISSN : 0973-8975 VOL.-15, NO.-7, JULY (2020) PP 495-506
Modelling And Performance Analysis Of Centrifugal Impeller Of Water Pump	<b>V. Guru Shanker</b> <sup>1</sup> , B. Pavan Chandu <sup>2</sup> , K. Vijay Kumar <sup>3</sup> , Shiva Kumar	International Journal For Research In Engineering Application & Management (Ijream)	ISSN: 2454-9150 VOL-06, ISSUE 3, JUNE
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Effect Of Hygrothermal Aging & Artificially Introduced Delamination On Mode-I Interlaminar Fracture Toughness Of E-Glass Epoxy Matrix Composites	<b>Ch Divya</b> <sup>1</sup> , P. Madhavi <sup>2</sup> , K. Uday Kumar <sup>3</sup> , K. Rohith <sup>4</sup>	International Journal For Research In Applied Science & Engineering Technology (Ijrasat)	ISSN: 2321-9653, VOLUME 8 ISSUE VI JUNE 2020



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