



# Sreenivasa Institute of Technology and Management Studies

(Autonomous – NBA Accredited )  
Murukambattu, Chittoor, Andhra Pradesh.

## Research and Development Cell

### Department of Mechanical Engineering

#### Journal Publications 2020-21

S.No	Faculty Name	Title	Journal	Vol. Page No	Ref. No	Link
1	Dr. K. Vimalanathan Dr. S. Rajesh	Cu Clay Bottle	The Patent Office Journal	38/2020 Page No. 41988	201941009488A	
2	N.Satish Kumar	An Experimental Investigation on Mechanical and Tribological Behaviour of (AZ91D Mg alloy + Graphene) Metal Matrix Composite	Intelligent Manufacturing and Energy Sustainability	33-43	<a href="https://doi.org/10.1007/978-981-16-6482-3_4">https://doi.org/ 10.1007/978- 981-16-6482- 3_4</a>	<a href="https://link.springer.com">https://lin k.spri nger. com</a>

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Number of Papers Published in International Journals

	<b>Name of the faculty</b>	<b>Inter National Journal Publication</b>
1	<b>Dr.P.Ramesh Kumar</b>	<b>P.Ramesh Kumar</b> , R.Satheesh and N.Manikantachari, "Analysis of Triple Pipe Heat Exchanger With Tabulators ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp: 182-189,Nov, 2018.
2	<b>Dr.V.Palvannan</b>	<b>V.Palvannan</b> , S.Rajesh and R.Mariannan, "Feasibility Study Of Conversion Of Coal Into Synfuel", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:190-204, Nov, 2018.
3	<b>Dr.S.Rajesh</b>	V.Palvannan, <b>S.Rajesh</b> and R.Mariannan, "Feasibility Study Of Conversion Of Coal Into Synfuel", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:190-204, Nov, 2018.
4	<b>Dr T. Chinna Pamulety</b>	<b>T. Chinna Pamulety</b> and V. Madhusudanan Pillai, "Statistical Process Control-Based Inventory Policy", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:35-40, Nov, 2018.
5	<b>Mr.R.Satheesh</b>	P.Ramesh Kumar, <b>R.Satheesh</b> and N.Manikantachari, "Analysis of Triple Pipe Heat Exchanger With Tabulators ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp: 182-189, Nov, 2018.
6	<b>Mr. N.Satish Kumar</b>	<b>N. Sathish Kumar</b> , G.G.Sozhamannan and D.Raju, "Survey On Research Developments In Abrasive Jet Machining ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:205-212, Nov, 2018.
7	<b>Ms. Gouse Seema Begum</b>	<b>S. Gouse seema begum</b> , K . Santosh Priya and S. Noor Mahammed, "Design And Transient Analysis Of Friction Clutch Plate For Two Wheeler By Using Ansys ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp: Nov, 2018.
8	<b>Mr. K. C. Charan</b>	<b>K C Charan</b> , Shaik Rizwan and D.Raju, "Columbus Sustainable Energy Converter ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:41-49, Nov, 2018.
9	<b>Mr.R.Mariannan</b>	V.Palvannan, S.Rajesh and <b>R.Mariannan</b> , "Feasibility Study Of Conversion Of Coal Into Synfuel", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp: 190-204,Nov, 2018.
10	<b>Mr.D.Raju</b>	N. Sathish Kumar, G.G.Sozhamannan and <b>D.Raju</b> , "Survey On Research Developments In Abrasive Jet Machining ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:205-212, Nov, 2018.

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11		K C Charan, Shaik Rizwan and <b>D.Raju</b> , "Columbus Sustainable Energy Converter ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:41-49, Nov, 2018.	
12	<b>Ms. K.Santhosh Priya</b>	S. Gouse seema begum, <b>K . Santosh Priya</b> and S. Noor Mahammed, "Design And Transient Analysis Of Friction Clutch Plate For Two Wheeler By Using Ansys ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp: Nov, 2018.	
13	<b>Mr. N. Manikantachari</b>	P.Ramesh Kumar, R.Satheesh and <b>N.Manikantachari</b> , "Analysis of Triple Pipe Heat Exchanger With Tabulators ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:182-189, Nov, 2018.	
14	<b>Mr.Shaik Rizwan</b>	K C Charan, <b>Shaik Rizwan</b> and D.Raju, "Columbus Sustainable Energy Converter ", International Journal of Mechanical and Production Engineering Research and Development, Vol.8(2), pp:41-49, Nov, 2018.	
15	2017-18	<b>Dr.S.Rajesh</b>	<b>S.Rajesh</b> , K.Jagatheesan, P.Baskaru "On-Line Drill Wear State Monitoring in Machining of Stainless Steel using Virtual Instrumentation "Middle-East Journal of Scientific Research, 2017, Vol. 25(4), pp:795 – 803.
16		<b>Dr. K. Vimalanathan</b>	<b>K. Vimalanathan</b> and Ramesh Babu " A Study on the effect of Ergonomics on computer Operating office workers in India", Journal Of Erginomics, Vol.7(5), pp: 211 - 215,August 2017.
17		<b>Mr. D. Raju</b>	M.Yugandhar, B.Adinarayana, <b>D.Raju</b> and B.Prabhakar kammer, "Study of Statistical GA Based Demand Forcasting Model For Automotive Batteries Manufacturing Company-Amaron ", IJARSE, August 2017, Vol.6(8), pp: 155 – 165.
18		<b>Mr. K C Charan</b>	<b>K C Charan</b> , P.Durga Prasad and Shaik Rizwan, "Multi-Purpose Assortment for Minimizing Plastic Usage "International Journal of Research and Scientific Innovation, 2018, Vol.5(3), pp:212 – 214.
19		<b>Mr. Shaik Rizwan</b>	K C Charan, P.Durga Prasad and <b>Shaik Rizwan</b> , "Multi-Purpose Assortment for Minimizing Plastic Usage", International Journal of Research and Scientific Innovation (IJRSI) , 2018, Vol.5(3), pp:212 – 214.
20		<b>Mr. PVN Venkata Mallikarjuna</b>	<b>PVN Venkata Mallikarjuna</b> , Lokavarapu, Bhaskara Rao and P.Satish Babu, "Thermo-mechanical analysis of the pressure plate of clutch", Mediterranean Journal of Modeling and Simulation, Sep 2017, Vol.8, pp:30 – 39.
21	2016-17	<b>Dr. S.Rajesh</b>	<b>S.Rajesh</b> , M. Dhananchezian, and A.Inian Poy, "On-Line Monitoring of Drill Wear in Machining of AISI 1040 Steel Using Virtual Instrumentation", Applied Mechanics and Materials,2016, Vol. 852, pp:205-211.
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23		<b>Dr. K. Nandagopal</b>	<b>K.Nandagopal</b> , G.Chandrasekar, C.Kaliasanathan and Dhaneshkant Verma, "Optimization of Welding Parameter, Influence of Activating Flux and Investigation on the mechanical and Metallurgical Properties of Activated TIG Weldments of AISI 316 L Stainless Steel " Transactions of the Indian Institute of Metals- IIM, January 2017, Vol.70 (3), pp:671 – 684.
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29	<b>Dr. S.Rajesh</b>	<b>S.Rajesh</b> , M. Dhananchezia, Devarajan, Chandramohan and Ganesh Jayanthi "Development of Model for On-line Monitoring of Drill wear", The journal of tehnicki vjesnik- Technical Gazettl, 2016, pp:1330 - 3651.
30	<b>Dr. T. Chinna Pamulety</b>	<b>T.Chinna Pamulety</b> and Madhusudanan Pillai "Effect of customer demand information sharing on a four stage serial supply chain performance: an experimental study "International Journal of Uncertain Supply Chain Management, 2016, Vol.4(1), pp: 1 – 16.
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41	<b>Mr. R. Satheesh</b>	M. Yougandhar, <b>R. Satheesh</b> , N. Satish Kumar, D. Raju and D. Pavan Teja , To Study the Wear Resistance for the Titanium Carbide –NiMo, IPASJ International Journal of Mech.Engg., (IJME), Vol.3(2), pp:1-8.
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49	<b>Ms S. Gouse Seema Begum</b>	<b>S. Gouse Seema Begum</b> and A. Balaraju, Design and Analysis of Friction Clutch Plate Using Ansys,International Journal of Advanced Engineering Research and Science (I.J.A.E.R.S), Vol.2(5), pp:1-5, 2015.
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65	<b>Dr. T. Chinna Pamulety</b>	Pillai, V.M., <b>Pamulety, T.C.</b> and Pratap, E.V., 2014. Performance analysis of some replenishment strategies. International Journal Logistics: Research and Applications. Vol. 17 (5), pp.357-376. (Taylor & Francis Publisher)
66	<b>Dr. T. Chinna Pamulety</b>	Pillai, V.M., Lavanya, K. and <b>Pamulety, T.C.</b> , 2014. Bullwhip effect analysis using supply chain role play game and ranking of supply chains. International Journal of Procurement Management, Vol. 7(3), pp. 299 – 315.
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68	<b>Dr. T. Chinna Pamulety</b>	<b>Chinna Pamulety, T.</b> and Madhusudanan Pillai, V., 2011. Impact of history of customer demand information sharing in supply chain performance. International Journal of Computer Applications, Vol. 3, pp. 34-38.
69	<b>Dr. P. Ramesh Kumar</b>	S. Vijaya Kumar Varma, G.Krishnaiah and <b>P.Ramesh Kumar</b> , Hall current effects on a fully developed combined convection flow in a vertical channel, Acta Ciencia Indica, Vol. XXXII, 2006