



National Education Society (R)

**JAWAHARLAL NEHRU  
NATIONAL COLLEGE OF ENGINEERING, SHIMOGA**

## **MECHANICAL ENGINEERING**

### **Publications**

**Research Papers Published/Presented during 2018-19**

<b>Sl.No.</b>	<b>Author</b>	<b>Title of Paper</b>	<b>Publication Citation</b>
<b>1</b>	Thejomurthy M.C, D.S Ramakrishna	Topology Optimization and Analysis of Crane Hook Model	Journal of Engineering Research and Application, 2018 ISSN : 2248-9622, PP 60-64
<b>2</b>	L.Y.Santhoshakumara,Dr. D.S.Ramakrishna, G. H. ManjunathAchar	Measurement Of Energy Loss In Fixture During The Process Of Impact Test	Journal of Engineering Research and Application, 2018 ISSN : 2248-9622, PP 01-06
<b>3</b>	Avilasha B.G, Dr. Ramakrishna D S	MeasurementofLoad Using Component of the UTM as Load Sensing Member	International Journal of Scientific & Engineering Research Volume 9, Issue 5, May-2018 ISSN 2229-5518, Impact Factor : 4.2
<b>4</b>	Y J Suresh, Amith Kumar S J	Correlation of the Solution of Two-Dimensional Steady State Heat Conduction by Analytical and Finite Element Approach	Journal of Engineering Research and Application, 2018 ISSN : 2248-9622, PP 13-19
<b>5</b>	C. V. Srinivasa, Y. J. Suresh. W. P.Prema Kumar Ashok R. Banagar	Bending Behavior of Simply Supported Skew Plates	International Journal of Scientific & Engineering Research, Volume 9, Issue 5, May-2018 ISSN 2229-5518, Impact Factor : 4.2
<b>6</b>	Ujjinappa, S. and Sreepathi, L.K	Evaluation of Physico-Mechanical-Combustion Characteristics of Fuel Briquettes Made From Blends of Areca Nut Husk, Simarouba Seed Shell and Black Liquor.	Int. Journal of Renewable Energy Development, 7(2), 2018, PP: 131-137
<b>7</b>	SANTHOSH UJJINAPPA1, L K SREEPATHI	Production and quality testing of fuel briquettes made from pongamia and tamarind shell	Sādhanā (2018) 43:58 <a href="https://doi.org/10.1007/s12046-018-0836-Sadhana(0123456789().,-volV)FJT(30123456789">https://doi.org/10.1007/s12046-018-0836-Sadhana(0123456789().,-volV)FJT(30123456789</a>
<b>8</b>	K. Sabeel Ahmed, Amith Kumar S.J	An Experimental Study on Drilling of Jute/Epoxy Composites with Ceramic Fillers	Journal of Engineering Research and Application,2018 ISSN : 2248-9622, PP 59-67
<b>9</b>	A E Pavan, K Sabeel Ahmed	Effect of Constituent Shell Thickness on Burst Pressure of Composite Overwrapped Pressure Vessel	International Journal of Scientific & Engineering Research Volume 9, Issue 5, May-2018 ISSN 2229-5518, Impact Factor : 4.2
<b>10</b>	Amith Kumar S J, Sabeel Ahmed K	Investigations on Fly Ash Reinforced Phenolic Composite for Green Environment	International Journal of Scientific & Engineering Research Volume 9, Issue 5, May-2018 ISSN 2229-5518, Impact Factor : 4.2

11	G B Mallikarjuna, E Basavaraj	Studies on Mechanical Properties of Al LM13-Al2O3 Composites	Journal of Engineering Research and Application, 2018 ISSN : 2248-9622, PP 32-35
12	M.M. RajathHegde, Pradeepn B, Shanthy Kiran M	CIP Consolidated and Microwave Sintered Nano crystalline Bulk TiNiCu Shape Memory Alloy	International Journal of Scientific & Engineering Research Volume 9, Issue 5, May-2018 ISSN 2229-5518
13	G H Manjunatha Chary, K Sabeel Ahmed	Evaluation of natural frequencies and damping ratios of coconut shell particles reinforced epoxy composites	Materials Today: Proceedings 5 (2018) pp. 16199-16205, Volume/Issue 5/8P3
14	G H Manjunatha Chary, K Sabeel Ahmed	Development and Testing of Coconut Shell Particle Reinforced Epoxy Composite for Power Transmission Applications	Journal of Engineering Research and Application, 2018 ISSN : 2248-9622, PP 26-35
15	Raghavendra H and Shanti kiran M and Sunitha M S	Design, Fabrication and Automation of Indexing Drill Jig	International Journal of Scientific & Engineering Research Volume 9, Issue 5, May-2018 ISSN 2229-5518 Impact Factor : 4.

#### Research Papers Published/Presented during 2017-18

Sl. No.	Author	Title of Paper	Publication Citation
1	Sreepathi L. K. Madhuvanthy L G, Tejaswini S Sharadhi, Chethan G S	Performance Analysis of Solar Energy Storage Unit for Cooking	JNNCE Journal of Engineering and Management, Vol.1, Issue 1, 2017
2	Santhosh Ujjinappa and Sreepathi L. K.	An assessment of Properties of Briquettes produced from Blends of CascabelaThevetia Seed Shell, Maize Corn Cob and Black Liquor	ICER, IITB, Mumbai, Nov, 2017
3	Archana G S, Lokeshappa B, Sreepathi L K	Treatment and Reuse of Grey Water for Irrigation Using Plant and Sand Based Biofilters	IJSART - Volume 3 Issue 8 – AUGUST 2017 PP: 205-211
4	Dr.RajathHegde M.M Surendranathan	Magnetic, structural and mechanical behaviour of transitional bulk nano structured Al alloy	ICAA, Springer link, Pittsburgh, 2017
5	Basappaji K.M Nagesh N	Enhancing cleaner production level in rice mills: An empirical data analysis	International journal of engg. Research in mechanical and civil engg., 2017, PP 153
6	G. H. Manjunatha Chary, K. Sabeel Ahmed	Experimental characterization of coconut shell particle reinforced epoxy composites.	Journal of Materials and Environmental Sciences (JMES), 2017 Volume 8, Issue 5, Page 1661-1667 ISSN: 2028-2508
7	G. H. Manjunatha Chary, K. Sabeel Ahmed	WATER ABSORPTION BEHAVIOR AND EFFECT OF ACCELERATED AGEING ON FLEXURAL PROPERTIES OF COCONUT SHELL PARTICLE REINFORCED EPOXY COMPOSITES	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES &MANAGEMENT. ISSN 2277 – 5528. [ICAMS: March 2017] pp:89-95

#### Research Papers Published/Presented during 2016-17

Sl.No.	Author	Title of Paper	Publication Citation
1	Amith Kumar S J, K.Sabeel Ahmed	Effects of ageing on mechanical properties of stiffened syntactic foam core sandwich composites for marine applications.	Journal of cellular plastics 2015, Vol. 52(5), pp 503-532. DOI: 10.1177/0021955X15584652.

			Impact factor: 1.661
2	G. H. Manjunatha Chary, K. Sabeel Ahmed	Two Body Abrasive Wear of Coconut Shell Particle Reinforced Epoxy Composites: A Taguchi Approach.	Indian Journal of Advances in Chemical Science S1 (2016) 114-117
3	Karthik Kumar M, G H ManjunathAchar, Chowda Reddy V	Design and Analysis of Bulk Head Plate for mounting the Power Take off unit.	International Research Journal of Engineering and Technology (IRJET). PP:2141 - 2144  Volume: 03 Issue: 07   July-2016 <a href="http://www.irjet.net">www.irjet.net</a> e-ISSN: 2395 -0056 p-ISSN: 2395-0072 ISO 9001:2008 Certified Journal