

## June 2015 – May 16

### International Journals:

1. K.Mahesh Babu, Dr. K.Sivaji Babu, U. Koteswara Rao  
“Repair of notched cantilever beam by piezoelectric material”  
International Journal of Research in Mechanical Engineering and Technology  
ISSN: 2249-5762, Vol. 5, Issue 2, Oct 2015, pp.38-43
2. B. Melina Queen, P.Phani Prasanthi, P. Srikanth, Dr. K. Sivaji Babu  
“ Evaluation of Thickness Influence on the Mechanical Properties of Graphene Sheet using FEM”  
International Journal of Research in Manufacturing Technology & Management  
DOA: 28062015, Vol.3, Issue1, Jan-Jun, 2015, pp. 26-32
3. K. Durga Prasad, K. Srividya, M. Mounika, T. Srinag  
“Natural Frequencies of Thin and Thick Metallic Plates: Analytical and Experimental Approach”  
International Journal of Research in Engineering and Applied Sciences  
ISSN: 2249-3905, Vol. 5, Issue 6, June-2015, pp. 31-47
4. P. Mahesh Babu, G. Bala Krishna, B.Siva Prasad  
“Design & Analysis of Solid Rocket Motor Casing for Aerospace Applications”  
International Journal of Current Engineering and Technology  
ISSN:2347-5161, Vol 5., No.3, June- 2015, pp. 1947-1954
5. Sri Ram Vikas K., N. Raghu Ram, Ch. Kishore Reddy, V.V. Sridhara Raju,  
“Process Parameters and Foaming Agents Used in Manufacturing of Aluminium metallic foams: A review”  
International Journal of Scientific Engineering and Technology,  
ISSN: 2277-1581, Vol. 4, Issue 10, pp. 505-510, Nov-2015
6. M. Venkata Baji Sampath, P. Ravi Kumar, G. Diwakar,  
“Vibration Analysis of Rotating Composite Beam with Dynamic Stiffness Matrix”  
IOSR Journal of Mechanical and Civil Engineering  
DOI: 10.9790/1684-1245453, ISSN 2320-334X, Vol. 12, Issue 4, pp. 45-53, Aug. 2015
7. Sd. Abdul Kalam, R. Vijaya Kumar, G. Ranga Janardhana  
Effect of Porosity in substitute Bird under high Velocity Loading  
International Journal of Engineering Sciences & Research Technology  
ISSN: 2277-9655, Vol. 4 Issue 10, Oct-2015, pp.708
8. Anil Krishna B., KIV Vandana, K Sivaji Babu

Significance of surface pre-treatment for different cutting tools coated by CA-physical vapour deposition

International Journal of Advanced Research in Engineering & Management

Vol.1, Issue 9, Dec 2015, pp.152

9. Jilani Shaik, Sd.Abdul Kalam, G.Diwakar  
Experimental Analysis Of Damping Characteristics For Various Damping Materials  
International Journal of Advanced Research in Engineering & Management  
Vol.1, Issue 9, Dec 2015, pp.191
10. Shaik.Bala Saidulu, G.Vijay Kumar, G.Diwakar, M.V.Ramesh,  
“Design And Fabrication Of Chassis For Electrical Vehicle”,  
International Journal Of Advanced Research in Engineering & Management  
Vol. 02, Issue 01, January 2016
11. Y. Phani Chandra, V.Sai Manasa, K.Chanti, N. Spandana, P.Phani Prasanthi  
“Computation of C-D Nozzle flow using Finite Element Method”,  
International Journal of Innovations in Engineering and Technology  
ISSN: 2319-1058, Vol. 6, Issue 3, Feb 2016
12. G. Rajendra, U.Koteswara Rao  
“ Experimental Investigation of Damping Performance of Mixed Particle- Viscous Damper”,  
International Journal of Advanced Research in Engineering & Management  
Vol. 2 Issue 1 January 2016
13. E.Kavitha, Dr.K.Sivaji Babu, Dr. M.R.S. Satyanarayana, Dr. V. Balakrishna Murthy  
“Prediction of mechanical Properties of Hybrid FRP Composite Lamina for Out-of-plane Transverse Loading using Micro Mechanical Approach”  
International Journal of Scientific & Engineering Research  
ISSN: 2229-5518, Vol 7, Issue 2, pp. 1411-1416, Feb-2016
14. K. Venkateswarareddy, G. Diwakar, P. Ravi Kumar  
" Diagnosis the Unbalance in Rotating Overhanging Disk by using FEA"  
International Journal of Advanced Research in Engineering & Management  
Vol 1., Issue 2, pp. 36 - 45, Jan-2016
15. E.Kavitha, Dr.K.Sivaji Babu, Dr. M.R.S. Satyanarayana, Dr. V. Balakrishna Murthy  
“Micromechanical Analysis of Hybrid FRP Composite Lamina for Thermal Loading”  
International Journal of Engineering Science & Research Technology  
ISSN: 2277-9655, Vol 5, Issue 2, pp. 535-546, Feb-2016
16. N.Sai Kiran, Y.Devi, B.Rico, V. Dinesh, Ch. Mohan Sumanth and P. Phani Prasanth  
“Three – Dimensional Finite Element Analysis of Material Nonlinearity”

17. Jilani Shaik, Sd.Abdul kalam, P.Ravi kumar  
Experimental Investigation of Damping characteristics for various Damping Materials  
International Research Journal of Engineering and Technology  
ISSN: 2395-0072, Volume: 03 Issue: 05, May 2016.
18. Sd. Abdul Kalam, R. Vijaya Kumar, G. Ranga Janardhana  
SPH High Velocity Impact Analysis-Influence of Bird Shape on Rigid Flat Plate  
International Conference on Material Processing & Characterization, 12-13 March  
2016, Hyderabad
19. N. Ravi Kumar, P.Srikant, Ch.Ranga Rao, K. Meera Saheb  
Statistical analysis of mechanical properties of vakka fiber reinforced polypropelene  
composites using Taguchi method  
International Conference on Material Processing & Characterization, 12-13 March  
2016, Hyderabad
20. P.Ravi Kumar, Dr. K. Mohana Rao, Dr.N.Mohan Rao  
Flapwise Vibration of Rotating Functionally Graded Beam  
International Conference on Material Processing & Characterization, 12-13 March  
2016, Hyderabad

#### International Conference

21. U. Koteswara Rao, P. Bangaru Babu, C. Nagaraju  
“Active repair of Engineering structures using Piezoelectric patches”  
17<sup>th</sup> ISME Conference, New Delhi, Oct 3-4, pp.1-5
22. VSLN Prasanth, V.Sai Avinash, T.Mohith, S.K. Ameer Basha and M.Mounika  
“Mechanical Characterization of Black Gram Husk Cellulose based Nanocomposite”  
International Conference on Technological Advancements in Materials and  
Manufacturing for Industrial Environment, 4<sup>th</sup> and 5<sup>th</sup> March, Coimbatore, 2016.
23. Dr. K.Srividya, M. Nagaswapnasri, E.Kavitha, P.Anusha  
“Free Vibration of Thick Rectangular Debonded Metallic Plates: Analytical and  
Experimental approach”  
International Conference on Recent Innovations in Science Engineering and  
Management  
27<sup>th</sup> February 2016, Srikakulam, pp. 797
24. Lakshmi Srinivas Ch., Narayana Chowdary, D. Srinag, T. Raghavendra  
An investigation on Thermal Conductivity of Graphite filled PA66 Composites

International Conference on Material Computational Heat and Mass Transfer-2015

National Conference

1. P. Anusha, NVVS Sudheer, E.Kavitha, MN Swapna Sri  
Importance of Colour in Radiation Heat Transfer : An Experiment  
Advances in Mechanical and Material Science, Vishnu Institute of  
Technology, 28<sup>th</sup> November-2015