

2012 – 2013 Publications

International Journals

1. G Dilli Babu, **K.Sivaji Babu**, B.Uma Maheswar Gowd,
“Effects of Drilling Parameters on Delamination of Hemp Fiber Reinforced Composites”,
International Journal of Mechanical Engineering Research and Development, ISSN 2248-
9355,2, Number 1(2012), pp.01-08. ISSN 2228-9355
2. G Dilli Babu, **K.Sivaji Babu**, B.Uma Maheswar Gowd,
“Effect of Machining Parameters on Milled Natural Fiber Reinforced Plastic
Composites”, Journal of Advanced Mechanical Engineering 1(2013), pp.01-12. ISSN
2250-3234.
3. G Dilli Babu, **K.Sivaji Babu**, B.Uma Maheswar Gowd,
“Drilling Uni-directional Fiber-Reinforced Plastics Manufactured by Hand Lay-up:
Influence of fibers”, American Journal of Materials Science and Technology 1(2012),
pp.01-12. ISSN 2163-1239
4. K. Dhanunjaya Rao and **K. Sivaji Babu**
“Modal Analysis of Thin Frp Skew Symmetric Angle-Ply Laminate with Circular Cut-
Out” International Journal of Engineering Research & Technology (IJERT)
Vol. 1 Issue 8, October – 2012, ISSN: 2278-0181
5. G.Jitendra, **G.Vijay Kumar**, G. Rajesh,
“Evaluation of Flexural Properties of Fly Ash Filled Polypropylene Composites”,
International Journal of Modern Engineering Research Vol.2 (2012), Issue.4, pp. 2584-
2590. ISSN 2249-6645
6. M Anil kumar, **G.Vijay Kumar**, R.Vijay Kumar,
“Design Optimisation Of Landing Gear’s Leg For An Un-Manned Aerial Vehicle”,
International Journal of Engineering Research and Applications (2012) Vol. 2, Issue 4,
pp. 2069-2075. ISSN 2248-2075
7. V.V. Venu Madhav, **P. Phani Prasanthi**, V. Bala Krishna Murthy and A.V.S.S.K.S.
Gupta,
“Interlaminar Fracture Analysis of FRP Laminates with a Square Cutout”,
International Journal of Theoretical and Applied Mechanics, ISSN 0973-6085 Volume 7,
Number 2(2012), pp. 95-100. ISSN 0973-6085
8. M. Gowtha Muneswara Rao and **P. Phani Prasanthi** “Finite Element Micromechanical
Modeling of FRP Composite with Orthotropic Fibers Subjected To Longitudinal
Loading”, International Journal of Engineering Research & Technology, Vol. 1 Issue 8,
October – 2012. ISSN 0974 –3154

9. Gowri Sankar Kakani and **P. Phani Prasanthi**, Prediction of Nonlinear Behavior Of Thin Skew Plates With Cut-Out Using Finite Element Analysis, International Journal of Engineering Research & Technology, Vol. 1 Issue 8, October – 2012. ISSN 0974 –3154
10. B. Kiran Kumar, **G.Diwakar**, Dr. M.R.S. Satyanarayana, “Determination of Unbalance in Rotating Machine Using Vibration Signature Analysis”, Volume 2, Issue 5(2012), pp. 3415-3421. ISSN 2249-6645
11. Md. Abdul Saleem, **G. Diwakar**, Dr. M.R.S. Satyanarayana, Detection of Unbalance in Rotating Machines Using Shaft Deflection Measurement during Its Operation. IOSR Journal of Mechanical and Civil Engineering, ISSN: 2278-1684 Volume 3, Issue 3 (Sep-Oct. 2012), PP 08-20
12. K. Venkata Sivarao, **G. Diwakar**, Dr. M. R. S. Satyanarayana, “Determination Of Misalignment Using Motor Current Signature Analysis In Rotating Machine”, International Journal of Engineering Research & Technology, ISSN: 2278-0181, Vol. 1 Issue 8, pp. 1-11.
13. **K.Srividya**, V.Bala Krishna Murthy, M.R.S.Satyanarayana and G. Sambasiva Rao, “Effect of stacking sequence on Free Vibration Analysis of Thick FRP Skew Specially Orthotropic Laminate with Circular Cutout”, International Journal of Engineering Research & Technology,ISSN 2278-0181, Volume 1 Issue 7, pp. 1-4. ISSN 2278-0181
14. S.Bhavya,**P.Ravi kumar**,Sd.Abdul Kalam, “Failure Analysis of a composite cylinder, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), ISSN: 2278-1684, Vol. 3, Issue 3,pp. 1-7.
15. S.Bhavya,P.Ravi kumar,**Sd.Abdul Kalam**, “Failure Analysis of a composite cylinder, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), ISSN: 2278-1684, Vol. 3, Issue 3,pp. 1-7.
16. **G Diwakar**, Dr. M R S Satyanarayana, P. Ravi Kumar
Detection of Gear fault using vibration analysis, International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459, Volume 2, Issue 9, September 2012
17. G Diwakar, Dr. M R S Satyanarayana, **P. Ravi Kumar**
Detection of Gear fault using vibration analysis, International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459, Volume 2, Issue 9, September 2012
18. Y.Swathi, **Sd.Abdul kalam**,

Sandwich Treatment In FRP Beams: Static And Dynamic Response, International Journal of Engineering Research & Technology (IJERT) Vol. 1 Issue 9, November- 2012 ISSN: 2278-0181

19. A. Deepa Reddy and **U. Koteswara Rao**
Analysis Of Piezoelectric Materials Using Finite Element Method (FEM) Global J. of Mech., Engg. & Comp. Sciences, 2012: 2 (4) ISSN 2277-6664(Online):2249-3468, Rising Research Journal Publication. 2012: Pp.164-167
20. Sankararao Vinjavarapu, **Unnam Koteswararao**, V. Lakshmi Narayana
Design Optimization of Tipper Truck Body, International Journal of Engineering Research and Development, e-ISSN: 2278-067, p-ISSN : 2278-800, Volume 4, Issue 9 (November 2012), PP. 11-20
21. Ch. Siva Sankara Babu, **S. Srilakshmi**
“Effect of Thickness on Interlaminar Stresses In Simply Supported FRP Angle-Ply Laminate with A Circular Cut Out”
International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 Vol. 1 Issue 8(2012), pp.1-5.
22. Sriram Chintapalli, **S. Srilakshmi**
“Fracture Behaviour of FRP Cross-Ply Laminate With Embedded Delamination Subjected To Transverse Load”
International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 1 Issue 8(2012), pp.1-5.
23. V. Bala Krishna Murthy, **K. Srividya**, M. R. S. Satyanarayana and G. Sambasiva Rao
“Effect of geometric parameters on free vibration analysis of thick fiber reinforced plastic (FRP) skew cross-ply laminate with circular cutout”
International Journal of Physical Sciences, ISSN: 1992-1950, Vol 8 Issue 7(2013), pp. 264-271.

International Conference

1. **Dr.N.Srinivasa Babu**, J.Suresh kumar, K.Vijaya kumar Reddy
“An experimental observation of disparity in mechanical properties of turmeric fiber reinforced polyester composite”, Third International Conference on Natural polymers & Biomaterials, MG University, 2012, pp. 33.
2. **Dr.N.Srinivasa Babu**, J.Suresh kumar, K.Vijaya kumar Reddy

“Mechanical & dielectric properties of PTSL FRP composites”, International conference on Advanced materials & Processing: challenging & opportunities, IIT Roorkee, 2012. ISBN 978-3-03785-526-3, pp. 25.