

International Journals

1. P. Anusha, NVVS Sudheer,
“Performance Analysis of a Single Cylinder Four Stroke Diesel Engine using Sunflower Oil as a Biodiesel blend: An Experiment”
International Journal of Innovations in Engineering and Technology,
ISSN: 2319 – 1058, Volume 7 Issue 1 June 2016 pp. 647
2. P. Anusha, NVVS Sudheer
“Possibility of Using Refrigerant Blends In the Existing Refrigerator & AC Systems: A Review”
IOSR Journal of Mechanical and Civil Engineering
ISSN: 2320-334X, Volume 13, Issue 3, June - 2016, PP 63-70
3. M. Rajyalakshmi, P. Suresh Babu
“Abrasive Water Jet Machining - A Review on Current Development”
International Journal of Science Technology & Engineering
ISSN : 2349-784X, Volume 2, Issue 12, June 2016.
4. P. Sai Naresh Babu, K. Venkata Rao, Ch. Lakshmikanth, P. Gopala Krishnaiah
“Studies of mechanical properties of glass/hemp fiber reinforced hybrid composites”
International Journal of Advanced Research in Engineering & Management
Vol. 1, Issue 1, 2016, June, pp. 56
5. P. Neeraja, Dr.M.S.R.Niranjan Kumar , M.Somaiah Chowdary, “Effect of Nanoclay on Tensile Properties of Hybrid Polymer matrix Composites”, International Research Journal of Engineering and Technology, ISSN: 2395 -0056, Volume: 03 Issue: 06 June-2016.
6. James Paul, Sd. Abdul Kalam
Mechanical properties of Okra fiber reinforced composite using FEM
International Journal of Advanced Research in Mechanical Engineering & Technology, Vol. 2 Issue. 2, ISSN: 2454-4736, June 2016, pp. 28-31.
7. Sai Krishna Golla, P.Prasanthi, Prediction of Micromechanical Behavior of Fiber (Glass/Basalt) Reinforced Polymer Composites, International Research Journal of Engineering and Technology (IRJET), ISSN: 2395 -0056, Volume: 03 Issue: 07, July-2016, pp. 1557
8. MVH Satish Kumar, “ Measurement of Air flow requirement, Alter the fan blade angle for optimum performance and energy consumption of a cooling tower”, International Journal of Innovations in Engineering and Technology, ISSN: 2319-1058, Volume 7, Issue 2, August 2016
9. K. Krishnakanth, Dr.K.Srividya, T.Srinag
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Vol 6 Issue 2 (2016), Doi: <http://dx.doi.org/10.11127/ijamc2016.09.03>

10. M.V.H.Satish Kumar, "Performance Analysis of Cooling Tower"
International Journal of Engineering Trends and Technology
ISSN: 2231-5381, Vol 38 No. 9 August 2016 Page 442
11. KIV Vandana, M. Rajyalakshmi, M. Swathi Manasa, P. Ramys Sri, "Waste To Fuel - A Review on Current Work", International Journal for Innovative Research in Science & Technology, ISSN: 2349-6010, Volume 3, Issue 05, October 2016.
12. Sai Krishna Golla, P. Prasanthi, Prediction of Elastic Properties of Micro Particle (B4C) Reinforced Polymer Composites Using Finite Element Analysis and Analytical Expressions, International Journal for Research in Applied Science & Engineering Technology Volume 4 Issue X, October 2016, ISSN: 2321-9653, pp.548
13. Hema Devi and Dr. G. Vijay Kumar, "Fatigue Performance and damage mechanisms of Reinforced Polymer Composites - A Review "International Research Journal of Engineering and Technology (IRJET) Volume 3, Issue 11, Nov- 2016.
14. Ravi Prakash Babu Kocharla, Raghu Kumar Bandlam, Mallikarjuna Rao Kuchibotl, "Finite Element Modelling Of A Turbine Blade To Study The Effect Of Multiple Cracks Using Modal Parameters", Journal of Engineering Science and Technology, Vol. 11, No. 12, Nov - 2016, 1758 – 1770
15. Sai Krishna Golla, P Phani Prasanthi,
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16. KRP Babu, B Raghu Kumar, KM Rao
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17. P. Prasanthi, Dr. K. Sivaji Babu, Dr. B. Raghu Kumar And Dr. M.S.R Niranjan Kumar, Effectiveness of Nano Layers on Interlaminar Stresses of Composite Laminate, International Journal of Mechanical Engineering and Technology Volume 8, Issue 1, January 2017, Pp. 15–24, ISSN Online: 0976-6359
18. A. Naveen Varma, K. Bala Bhaskar, B. Sai Kumar, G.Giridhar, Vamsi Raja, P. Phani Prasanthi, Vibration Analysis of a Centrifugal Pump, International Research Journal of Engineering and Technology, ISSN: 2395 -0056, Vol. 4 Issue 3, Mar -2017
19. Diwakar Garikapati, RaviKumar Pacharu, Rama Satya Satyanarayana Munukurthi
Diagnosis of Misalignment in Overhung Rotor using the K-S, Statistic and A2 Test, J. Inst. Eng. India Ser. C, DOI 10.1007/s40032-017-0347-0
20. K. I. V. Vandana, M. Rajyalakshmi, P. Ramya Sai, T. Sai Bhargav, N. Vinuthna, U. Pranava Koundinya, A Survey on Extraction of Water from Air Using Wind Energy, International Journal of Innovative Research in Science, Engineering and Technology, ISSN(Online) : 2319-8753, Vol. 6, Issue 3, March 2017,
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21. Movva Mounika, Kommineni Ravindra, Extraction of cellulose from pistachio shell and physical and mechanical characterisation of cellulose-based nanocomposites. *Materials Research Express*. 2017 Apr 21;4(4):045014.
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24. Parasaram Sarath Chandra, Dr. K. Sivaji Babu and U. Koteswara Rao “Design and Analysis of an Axial Fan applicable for Kiln Shell Cooling” *International Journal of Engineering Development and Research*, Volume 4, Issue 4 | ISSN: 2321-9939, Dec-2016,PP 887-893.
25. Kalam, Sd Abdul, R. Vijaya Kumar, and G. Ranga Janardhana. "SPH High Velocity Impact Analysis-Influence of Bird Shape on Rigid Flat Plate." *Materials Today: Proceedings* 4.2 (2017): 2564-2572.
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27. Potluri, Rakesh, K. James Paul, and P. Prasanthi. "Mechanical Properties Characterization of Okra Fiber Based Green Composites & Hybrid Laminates." *Materials Today: Proceedings* 4.2 (2017): 2893-2902.

International Conferences

1. Rakesh Potluri and U. Koteswara Rao, “Determination of Elastic Properties of Reverted Hexagonal Honeycomb Core: FEM approach” *International Conference on Advances in aero mechanical Materials for manufacturing (ICAAMM-2016)*, 28-26 June 2016.
2. M. Gopi Krishna, K. Praveen Kumar, J. Babu Rao, M. Naga Swapna sri, NRMR Bhargava, Fabrication Characterization and Mechanical Behavior of A356/ Copper Particulate reinforced Metallic Composite *International Conference on Emerging Trends in Material & Manufacturing Engineering*, Tiruchirapalli, March 10-12, 2017
3. M. Naga Swapna, V. Chittaranjan Das, M. Gopi Krishna, NRMR Bhargava “Fabrication and Microstructural Studies of Copper Particulates Reinforced Al- Si Alloy Composites” *International Conference on Advancements in Aeromechanical Materials for manufacturing*, July 7th to 9th, 2016, MLR Institute of Technology.

4. Sasidhar Jangam, A. Hema Devi, S. Raja , K. Hemachandra Reddy , G. Vijay Kumar, "The Tensile Fatigue Behavior of Aligned MWNT/Epoxy Nanocomposites", 2ND INTERNATIONAL CONFERENCE ON FATIGUE, DURABILITY & FRACTURE MECHANICS, 28-30th September 2016, Indian Institute of Science, Bangalore, India
5. K. Krishnakanth, Dr. K. Srividya, Ch. Mohan Sumanth, Ch. Kishore Reddy " Prediction of mechanical properties of banana and americana hybrid composite", International conference on Signal Processing, Communication, Power and Embedded System (SCOPE), 5th October - 2016, Centurian University, Odissa.
6. Mounika Movva, Govind N., Ravindra K. "Characterization of Green Gram Husk Cellulose Based Polyester Nanocomposite", All India Manufacturing Technology, Design and Research Conference, AIMTDR, College of Engineering Pune, 16th-18th December, 2016
7. Anusha Peyyala, NVVS Sudheer, "Experimental Investigation of COP using Hydro Carbon Refrigerant in a Domestic Refrigerator", International Conference on Advanced Material Technologies, Dadi Institute of Engineering & Technology, Visakhapatnam, 27th-28th December, 2016
8. Sri Ram Vikas, N. Raghu Ram, Ch. Kishore Reddy, K. Sivaji Babu, Effect of MoS and CaF Solid Lubricants on Mechanical & Tribological Characteristics of Metal and Ceramic Composites: A Review, International Conference on Powder Metallurgy and Particulate Materials, 20th – 22th Feb, New Delhi, 2017.
9. K.I.V Vandana
Characterization of Microwave Assisted Sintering on Graphene Toughened Alumina Nanocomposites
International Conference on Functional Materials, Characterization, Solid State Physics, Power, Thermal & Combustion Energy, April 7th – 8th , 2017, Ramachandra College of Engineering, Eluru.

National Conference:

10. K.I.V Vandana
Mechanical Behavior of Microwave Assisted Sintering on Graphene Toughened Alumina Nanocomposites
National Conference on Nanomaterials and Nanobiotechnology, February 7th – 8th , 2017, National Centre for Nanoscience and Nanotechnology, University of Madras.