

STAFF PAPERS

Academic Year: **2010-2011**

International Journals	National Journals	International Conferences	National Conferences	Total
11	6	13	2	32



DEPARTMENT OF MECHANICAL ENGINEERING
R.V.R. & J.C COLLEGE OF ENGINEERING

[Affiliated to Nagarjuna University, GUNTUR. A.P]
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International Journals:

1. **N.Govind** , D.Nageswara Rao , N.Ramanaiah , “ Effect of micro structural changes on mechanical properties of friction stir welded Nano SiC reinforced AA6061 Composites” , International Journal of Engineering Science and Technology(IJEST) , Vol2(11), 2010 . 6491-6499. ISSN : 0975-5462.
2. **Govindu.N, Ravindra.K** , Ramanaiah.N and Nageswara Rao Damera “Fabrication of Aluminium AA6061 Metal Matrix Nano Composites”, International Journal of Emerging Technologies in Science and Engineering, Vol.3, No.2, Jan 2011, pp 36-41. ISSN : 1923-9181
3. **N.Govind** , D.Nageswara Rao , N.Ramanaiah , K.Prasada Rao, “Investigations on Mechanical Properties of Friction Stir Processed,Nano-Reinforced, AA6061 Composites” , International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 6, Number 1 (2011) pp. 53-63.
4. **D.Sameer Kumar , S. Radhika , K.Ravindra**, K.N.S. Suman, “Improved Design Optimization of a Composite Leaf Spring using Swarm Intelligence”, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 6, Number 2 (2011) pp. 193–200
5. **G.Chaitanya** , J.Suresh Kumar and **Kolla Srinivas**, “Optimization of Axial flow Compressor stage using NSGA-II Technique”, ARPN Journal of Engineering & Applied Sciences , Vol 5, No:12 ,2010 pp 1-5. ISSN :1819-6608.
6. **G.Chaitanya** , J.Suresh Kumar and **Kolla Srinivas**, “A Non-Elitist multi objective Genetic Algorithm for axial compressor stage optimization”, International Journal of Engineering Science & Technology , Vol 3, No:2 ,Feb2011 pp 940-947. ISSN :0975-5462.
7. **G.Srinivasa Rao** , A.N.Rao, “Tool Parameters Optimization Using Technique for order Preference by Similarity to Ideal Solution” , International Journal of Advanced Manufacturing Systems(IJAMS) , Volume1 , No:2 , 2010 , pp:127-134. ISSN : 2229-5860
8. **Srinivas C.**, Ramji K., Satyanarayana B., Naveen Ravela, **Ch.Devaraj** “Designing the layout of single and multi-rows flexible manufacturing system by ant-colony optimization-meta-heuristic” International Journal Of Advanced Manufacturing System (IJAMS) VOL 2 2010, pp 107-115 ISSN : 2229-5860
9. **N.V.V.S. Sudheer**, KVJ Rao and B.Srinivasa Rao, “Investigation on Influence of Refrigerated Air in Turning of Aluminium Metal Matrix Composite”, Published in International journal of Applied Research, ISSN 0973-4562 Volume 6, Number 5 (2011) pp. 931-938.
10. **C.Srinivas** , B.Satyanarayana, K.Ramji and Naveen Ravela “Modeling and Simulation of row based Flexible Manufacturing Systems” International Journal Of Applied Engineering Research (IJAER),Vol6,No 8(2011),Pp1483-1491. ISSN 0973-4562
11. **C.Srinivas** , B.Satyanarayana, K.Ramji and Naveen Ravela , “A Determination of Buffer size in single and multi row Flexible Manufacturing Systems through simulation” International Journal of Engineering Science And Technology (IJEST) Vol. 3 No. 5 May 2011 pp3889-3899 ISSN : 0975-5462

National Journals:

1. **C.Srinivas** , et al. , “Design of Single row facility lay out problems.”, ANU Journal of Engineering & Technology, Vol. 2 Issue 1 June2010 pp 41-46. ISSN No: 0976-3414
2. **K.Srinivas , Ch. Devaraj** , P. Masthan Rao , K.Sridhar , “Optimal Design of Pressure vessels using ANT colony Metaphor”, ANU Journal of Engineering & Technology, Vol. 2 Issue 1 June2010 pp 60-68. ISSN No: 0976-3414.
3. **D.Sameer Kumar, B.Ramgopal Reddy , Dr. V.Chittaranjan Das , Dr. K.Ravindra** , “Influence of process parameters on AWJC of INCONEL 690 using GA”, ANU Journal of Engineering & Technology, Vol. 2 Issue 1 June2010 pp 81-85. ISSN No: 0976-3414.

4. **N.V.V.S. Sudheer** , K.V.J Rao, **G.Srinivasa Rao** , “Study on influence of process parameters in turning of Aluminum Meta Matrix composites”, ANU Journal of Engineering & Technology, Vol. 2 Issue 2 December 2010 pp 05-07. ISSN No: 0976-3414.
5. **D.Sameer Kumar**, M. Siva Nayak , **Dr. D.V.V. Krishna Prasad** , **Dr. K.Ravindra** , “optimization of cutting parameters in turning using ACO”, ANU Journal of Engineering & Technology, Vol. 2 Issue 2 December 2010 pp 08-13. ISSN No: 0976-3414.
6. **B.Ramgopal Reddy** , K.Ramji ,B.Satyannarayana , “A finite element model for estimating the effective mechanical properties of carbon nanotube reinforced composites”, ANU Journal of Engineering & Technology, Vol. 2 Issue 2 December 2010 pp 23-28. ISSN No: 0976-3414.

International Conferences:

1. R.Madhu Sudhan , **M.Ravi Kumar** , Prof. M.M.M. Sarcar , Dr. N. Ramanaih , Prof. K. Prasada Rao , “Friction stir welding of dissimilar Al alloys (AA6262 & AA7075) ” Poster Proceedings of 3rd International and 24th AIMTDR conference, December 13-15, 2010, College of Engineering, Andhra University, Visakhapatnam.pp:473-477.
2. **B.Ramgopal Reddy**, K.Ramji and B.Satyanarayana, “Prediction Of Effective Mechanical Properties Of CNT Reinforced Composites - FEA Approach ” Poster Proceedings of 3rd International and 24th AIMTDR conference, December 13-15, 2010, College of Engineering, Andhra University, Visakhapatnam.pp:479-484.
3. **Srinivas Chandana**, B.Satyanarayana, K.Ramji “Quatitative Analysis Of Automated Guided Vehicles ”, Poster Proceedings of 3rd International and 24th AIMTDR conference, December 13-15, 2010, College of Engineering, Andhra University, Visakhapatnam. Pp 107-111.
4. **Srinivasarao,G.** and Neelakanteswararao,A. and **Sudheer, N.V.V.S.** ‘Performance evaluation of carbide inserts on surface roughness in hard turning’, Proceedings of the 3rd International &24th AIMTDR conference, Dec13-15 2010, 647-651
5. **Srinivasa Rao.G** ,Neelakanteswara Rao.A , “Tool parameters optimization using technique for order preference by similarity to ideal solution ”, Proceedings of 4th International Conference on Advances in Mechanical Engineering ICAME, Sardar Vallabhai National institute of Technology(SVNIT) , Surat during September 23-25,2010. pp:301-306.
6. **C.Srinivas** , K.Ramji ,B.Satyanarayana, R.naveen , **Ch.Devaraj** , “Designing the layout of single and multi-rows flexible manufacturing system by Ant Colony Optimization Meta Heuristic ”, Proceedings of 4th International Conference on Advances in Mechanical Engineering ICAME, Sardar Vallabhai National institute of Technology(SVNIT) , Surat during September 23-25,2010. pp:259-264.
7. **N.V.V.S.Sudheer** , K.V.J.Rao ,**G.Sreenivasa Rao** , “Optimal Cutting conditions in turning of Al/SiC MMC based on Experiment and a Linear Programming Model”, Proceedings of 4th International Conference on Advances in Mechanical Engineering ICAME, Sardar Vallabhai National institute of Technology(SVNIT) , Surat during September 23-25,2010. pp:514-516.
8. M.Gopi Krishna , **K.Praveen Kumar**,K.K.Kishore,N.B.R.Mohana Rao,J.Babu Rao, “Investigation of Copper cored Aluminum & its alloys by Direct Extrusion”, Proceedings of 4th International Conference on Advances in Mechanical Engineering ICAME, Sardar Vallabhai National institute of Technology(SVNIT) , Surat during September 23-25,2010. pp:321-324.
9. **Srinivas Chandana**, B.Satyanarayana, K.Ramji, R.Naveen and **B.Ramgopal Reddy** “A Genetic Algorithm Approach for the Design of Single and Multi Row Flexible Manufacturing System”, Proceedings of 3rd International and 24th AIMTDR conference, December 13-15, 2010, College of Engineering, Andhra University, Visakhapatnam, Volume 1, pp.483-489.-15 2010,Au,Vizag 647-651.
10. **Srinivasarao,G.** and Neelakanteswararao,A., ‘A Genetic algorithm approach to multi-objective optimization’, Proceedings of the 3rd International &24th AIMTDR conference,Dec13-15 2010, AU, Vizag1199-1204.

11. **N.V.V.S. Sudheer**, KVJ Rao and **G.Srinivasa Rao** “Effect of Pressurized Refrigerated Air in Turning of Aluminium Metal Matrix Composite”, Proceedings of the International conference on Recent advances in Mechanical Engineering, INCROME-2011, April 21-22, 2011, Dr.M.G.R. Educational and Research Institute, University, Chennai.
12. **C.Srinivas**, B.Satyanarayana ,K.Ramji and Naveen Ravela “Design of Machine Layout in Flexible Manufacturing Systems”, Proceedings of the International conference on Recent advances in Mechanical Engineering, INCROME-2011, April 21-22, 2011, Dr.M.G.R. Educational and Research Institute, University, Chennai.
13. **B.Ramgopal Reddy** , K.Ramji and B.Satyanarayana , “Evaluation of Effective properties of CNT based Composites using Numerical Homogenization”, Proceedings of 4th International Conference on Advances in Mechanical Engineering ICAME, Sardar Vallabhai National institute of Technology(SVNIT) , Surat during September 23-25,2010. pp:115-119.

National Conferences :

1. **D.Sameer Kumar** , **Dr. V.C. Das** , **Dr. K.Ravindra** , “Optimization of process parameters on AWJC of INCONEL690 using Ant Colony Optimization” , proceedings of Golden jubilee National Conference on Recent Advances in Manufacturing (RAM2010), at SVNIT , Surat , during 19-21 July 2010.pp 96-102.
2. **K.Praveen Kumar**, M.G.Krishna , K.K.Kishore, N.R.M.R Bhargava, J.Babu Rao,” Structure Property realtions of Al-Cu binary alloys & Al-Cu –Mg ternary rich alloys”, Proceedings of National Confernce on Advances in Materials And Product Design AMPD-10 at Sardar Vallabhai National institute of Technology(SVNIT) , Surat during 22-23 Nov -2010 , pp:181-186