

DEPARTMENT OF MECHANICAL ENGINEERING

List of Papers published in Journals and Conferences (2014-15, 2015-16, 2016-17)

Dr.P.A.Sastry

PAPERS PRESENTED IN NATIONAL CONFERENCES

1. **M.Madhavi**, A.Swamy, P.A.Sastry, A paper entitled "*Dynamic Characteristics of Mono Composite Leaf Spring Using Finite Element Modeling*" presented in National Conference on Emerging Trends in Mechanical Engineering organized by Department of Mechanical Engineering, Osmania University, Hyderabad. 29th-30th Dec, 2014.
2. **P.A.Sastry** "*Continuous path control of a Robot Arm*" ICAMM2016 Conference, 16-18 Dec, 2016, Hyderabad.

Dr.M.Madhavi

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

3. Nizam Khan, A. Syam Prasad, **M.Madhavi**, A paper entitled "*Static & Dynamic Characteristics using Fast Fourier Transforms for Mono Composite Leaf Spring of Variable Thickness with Integrated Metallic Eye Joints*" presented in the International Conference Polymer Composites. Organized by NITK, Surathkal, Mangalore, Karnataka 19th -20th, Dec-2014.
4. A.Syam Prasad, **M.Madhavi**, A paper entitled "*Experimental Investigations on Static & Dynamic Parameters of Steel and Composite Propeller Shafts with an Integrated Metallic Joints*" presented in the International Conference on Advances in Materials and Manufacturing-2016. Organized by Osmania University, Hyderabad. 8th -10th Dec, 2016.
5. K. Karthik Rajashekar, A.Syam Prasad, Dr. M. Madhavi "Study on Structural and Thermal Analysis on Disc Brake" International Journal of Science and Innovative Engineering & Technology (IJSIET), Issue Volume 4, MAY 2017.

PAPERS PRESENTED IN NATIONAL CONFERENCES

6. **M.Madhavi**,A.Swamy, P.A.Sastry, A paper entitled "*Dynamic Characteristics of Mono Composite Leaf Spring Using Finite Element Modeling*" presented in National Conference on Emerging Trends in Mechanical Engineering organized by Department of Mechanical Engineering, Osmania University, Hyderabad. 29th-30th Dec, 2014.

PAPERS PUBLISHED IN JOURNALS

7. **M.Madhavi**, R.Venkat, "*Predicting Structural Behaviour of Filament Wound Composite Pressure Vessel Using Three Dimensional Shell Analysis*" published in **Journal of The Institution of Engineers(India)-seriesC**, ISSN 2250-0545, vol-95 no-02, 2014.
8. M.Pallavi,T.Joel, A.SyamPrasad, **M.Madhavi** "*Experimental Investigations on Static and Dynamic Parameters of Steel and Composite Propeller Shafts for a Light Passenger Vehicle*" is published in **IOSR-Journal of Mechanical and Civil Engineering**, e-ISSN:2278-1684, Vol-12 no 4, 2015, pp 01-07.
9. J.KandaSamy, **M.Madhavi**, N.Harita, "*Free Vibration Analysis of Thin Cylindrical Shells subjected to Internal Pressure and Finite Element Analysis*" is published in **International Journal of Research in Engineering and Technology**, ISSN-2319-1163, vol-05 no 13 2016, pp 40-48.

10. M.Madhavi, L.Sushma, A.Uday Deepak, S. Kumar Sunnam, "CFD Investigation for different nozzle jets" Materials Today Proceedings by Science direct, Vol 4, Issue 8, 2017.
11. M.Madhavi, Md Mustak, F.M Ahsanuallah "Study on effects of E-Glass fiber hybrid composites enhanced with multi-walled carbon nanotubes under tensile load using full fractional design of experiments" Applied Nanoscience, Springer publications, Vol 7, Issue 6, Aug 2017.

Dr.S. Gajanana

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

12. B.Ravikumar, **Dr.S.Gajanana**, Dr.K.Hemachandra Reddy, K.Udayani, A paper entitled "*Modeling, Analysis and Optimization of Process Parameters of Metal Spinning*" presented in ICMPE 2015: XIII International Conference on Mechanical & Production organized by WASET at Kuala Lumpur, Malaysia, February 12-13, 2015.
13. **Dr S. Gajanana**, B. Suresh Kumar Reddy, T. Shivendra Lohit, K. Anil Kumar Reddy, Ankur Jain "*Optimization of Induction Hardening Process using Response Surface Methodology*" presented in the International Conference on International corrosion prevention Symposium for Research Scholars (CORSYM 2015) organized by IITM Chennai, India on 31st July – 1st August 2015.
14. **Dr. S. Gajanana**, A. Chandrakanth, V. Neeharika, "*Effect Of Wire EDM Process Parameters on Surface Finish For Machining High Speed Steel*" presented in International Conference on "Evolutions in Manufacturing: Technologies and Business Strategies for Global Competitiveness" November 12-13, 2016, Organised by The Institution of Engineers (India),Jharkhand State Centre ,Under the Aegis of Production Engineering Division Board, IEI In Association with Department Of Production Engineering, Birla Institute of Technology, Mesra, Ranchi, India In Collaboration with Northern Heavy Industries Group Co., Ltd. ("NHI"), China.
15. **Dr S. Gajanana**, B. Suresh Kumar Reddy, A.Krishnaiah, "Development of Regression model using LASSO for end milling on AL6061 alloy" IJTAE, vol 6 Issue 12 Dec 2016.
16. **Dr S. Gajanana**, B. Suresh Kumar Reddy, A.Krishnaiah, "Analysis of Machinability on AL6061 using single point cutting tool" IJSET, Issue 8, Vol 6, Aug, 2017.
17. **Dr S. Gajanana**, B. Suresh Kumar Reddy, A.Krishnaiah, "Machinability study of Al6061 Alloy on End milling Process" IJER, Issue 8, Vol 6, Aug 2017.

PAPERS PRESENTED IN NATIONAL CONFERENCES

18. B.Ravikumar, **Dr.S.Gajanana**, Dr.K.Hemachandra Reddy, K.Udayani, A paper entitled "*Development Of Mathematical Model For Forming Force In Metal Spinning Of Al2024-T3*" presented in the National Conference on "EMERGING TRENDS IN MECHANICAL ENGINEERING (ETIME 2014) organized by Dept. of Mechanical Engineering, Osmania University, Hyderabad during 29-30 December, 2014.
19. **Dr S. Gajanana**, M.Malla Reddy, E. Hazya, V. Raviteja, "*Multi-level cavity forming analysis using Fluid forming technique*" presented in AICTE sponsored National Conference on Innovative Trends in Mechanical & Automobile Engineering (ITMAE – 2016) organized by Department of Mechanical Engineering, MVSR Engineering College, Hyderabad on 11-12 February, 2016.

20. **Dr S. Gajanana**, A. Chandrakanth, B. Kshetramohan, B.Ravikumar, “*Experimental Investigation of Process Parameters Of Submerged Wire EDM for Machining High Speed Steel*” presented in AICTE sponsored National Conference on Innovative Trends in Mechanical & Automobile Engineering (ITMAE – 2016) organized by Department of Mechanical Engineering, MVSR Engineering College, Hyderabad on 11-12 February, 2016.
21. **Dr. S. Gajanana**, J.Sita Priya Darsini, Dr.G.Venkata Subbaiah, K.Vikram Aditya, “*Computational Analysis and Optimization of Blowing Ratio for Effective Film Cooling of a Gas Turbine Blade*” presented in AICTE sponsored National Conference on Innovative Trends in Mechanical & Automobile Engineering (ITMAE – 2016) organized by Department of Mechanical Engineering, MVSR Engineering College, Hyderabad on 11-12 February, 2016.
22. **Dr. S. Gajanana**, B. Suresh Kumar Reddy, A. Chandrakanth, “*Macro-Economic Variable Base Inventory Control Model for Perishable Items*” presented in AICTE sponsored National Conference on Innovative Trends in Mechanical & Automobile Engineering (ITMAE – 2016) organized by Department of Mechanical Engineering, MVSR Engineering College, Hyderabad on 11-12 February, 2016.

PAPERS PUBLISHED IN JOURNALS

23. B. Srinivas, **Dr.S.Gajanana**, Dr.K.Hemanchandra Reddy, “*Forecasted Inflation Based Block Replacement Model Using Stochastic Process*” is published in **International Journal of Applied Mechanics and Materials** Vols. 592-594 (2014) pp 2716-2722, Online available since 2014/Jul/15 at www.scientific.net, (2014) **Trans Tech Publications, Switzerland**.
24. **Dr.S.Gajanana**, B K Mohan, M Sankeerthan, G V Aswin Reddy, “*Optimization of Process Parameters, Micro Structural and Thermal Analysis for Hero Honda Exhaust Valve*” is published in **International Journal of Research in Mechanical Engineering(IJRME)**, Volume-2 Issue-4 July-August 2014, ISSN Online: 2347-5188.
25. **Dr. S. Gajanana**, B. Ravi Kumar, P. Ravi Tej, K. Udayani, “*Simulation of Cutting Forces in End Milling and Optimization of Machining Parameters*” is published in **International Journal of Engineering and Technology Research(IJETR)**, Volume-2 Issue-6 Nov.-Dec.2014, ISSN Online: 2347-4904.
26. **Dr.S.Gajanana**, Dr.K.Hemanchandra Reddy, B. Srinivas, “*Replacement model with linear trend running cost and forecasted inflation*” is published in **International Journal of Scientific Engineering and Research(IJSER)** Vol 3, Issue 5, May 2015, ISSN Online: 2437-3878.
27. **Dr.S.Gajanana**, Dr.K.Hemanchandra Reddy, B. Srinivas, “*Quadratic Trend Running Cost Replacement Model with Linear Trend Salvage and Predicted Inflation*” is published in **International Journal of Emerging Trends in Science and Technology (IJETST)** Vol.02, Issue 6, Pages 2584-2588, June 2015, ISSN 2348-9480.
28. **Dr. S. Gajanana**, Kulkarni Rahul, Shreyas Gampa, Tharun Vempati, JV Srinath, “*Production & Process Optimization of Micro Alloyed Steel Roller Shaft of an Under Carriage*” is published in **International Journal of Engineering Research(IJER)** Vol.No.4, Issue No.7, pp: 363-367, ISSN: 2319-6890(online), 01 July 2015.
29. **Dr S. Gajanana**, B. Suresh Kumar Reddy, T. Shivendra Lohit, K. Anil Kumar Reddy, Ankur Jain, “*Induction Hardening and Microstructure Analysis of Micro-Alloyed Steel Roller Shaft of an Undercarriage*” is published in **International Journal of Engineering Research(IJER)** Volume No.4, Issue No.7, pp : 358-362, ISSN: 2319-6890(online), 01 July 2015.

30. **Dr. S. Gajanana**, B. Kshetra Mohan, K. Mogulanna, "*Experimental Studies on Ballistic Performance of Glass Laminates*" is published in **IJSRD - International Journal for Scientific Research & Development**, Vol. 3, Issue 05, 2015, Pages 1311-1315, ISSN (online): 2321-0613.
31. P. Ravi Tej, K. Udayani, **Dr. S. Gajanana**, "*Investigation of Mechanical Properties & Characterization of Super Hard Alloys*" is published in **International Journal of Research in Mechanical Engineering**, Volume 4, Issue 4, July-August, 2016, pp. 18-22 ISSN Online: 2347-5188 Print: 2347-8772, DOA: 14072016
32. **Dr. S. Gajanana**, Dr.D.Chakradhar, N. Sai Alok Reddy, "*Optimization of Process Parameters in Hot Machining of 15-5 PH Stainless Steel Using Taguchi Method*" is published in **International Journal of Engineering Science Invention Research & Development**; Vol. III, Issue III, September 2016(e-ISSN : 2349-6185).
33. **Dr. S. Gajanana**, B. S. Naveen Benadict, N. Sai Alok Reddy, "*Development Of Linear Model For Liquid Hammer Forming Using Design Of Experiments*" is published in **International Journal of Engineering Applied Sciences and Technology**, 2016; Vol. 1, Issue 11, ISSN No. 2455-2143, Pages 54-57.
34. **Dr.S.Gajanana**, Dr.K.Hemanchandra Reddy, B. Srinivas, "*Higher Order HMM Based Group Replacement Model Considering Macroeconomic Variable*" is published in **International Journal of Engineering Research And Management (IJERM)** ISSN: 2349- 2058, Volume-03, Issue-09, September 2016.

Dr.G. Venkata Subbaiah

PAPERS PRESENTED NATIONAL CONFERENCES

35. **G. Venkata Subbaiah**. "*Analysis of phase stability of Diesel-Rice bran biodiesel-Ethanol blends*". National conference on recent innovations in Mechanical Engineering. 21st March 2014 held at CMR Technical Campus, Hyderabad.
36. **G. Venkata Subbaiah**. "*Experimental Study of emission characteristics of a diesel engine using rice bran biodiesel and an antioxidant*". A two day national conference on recent innovations in Mechanical Engineering. 21-22, November 2014 held at MVSR Engineering College, Hyderabad.

PAPERS PUBLISHED IN JOURNALS

37. **G. Venkata Subbaiah** "*Characterization of key properties of diesel-biodiesel-ethanol fuel blends*". **International Journal of Engineering Research and Management**. Vol.1, Issue 8, November 2014. Pp 223-228.
38. **Dr. G. Venkata Subbaiah**. "*Study of effect of an antioxidant on the performance of a diesel engine using diesel end rice bran biodiesel blends*". **International Journal of Engineering Research & Technology**. Vol 1.3, Issue-12, December 2014, pp 423-426.
39. **Dr. G. Venkata Subbaiah**. "*An investigation on the performance characteristics of a diesel engine using diesel-rice bran biodiesel blends at different injection pressures*". **International Journal of Mechanical Engineering & Technology**. Vol. 6, Issue-1, January 2015, pp 20-27.
40. **Dr. G. Venkata Subbaiah**." *Effect of injection pressure on the emission characteristics of a*

diesel engine using diesel-rice bran biodiesel blends". **International Journal Advanced Research in Engineering and Technology**. Vol. 6, Issue 1, January 2015, pp 27-34.

41. J. Sita Priyadarsini, Dr. S. Gajanana, **Dr.G.Venkata Subbaiah**, K. Vikram Aditya, "Computational analysis and optimization of blowing ratio for effective film cooling of a Gas Turbine Blade", **IJER**, vol.,5, pp486-490, Feb, 2016.

Dr. C V Kameswara Rao

PAPERS PRESENTED IN NATIONAL CONFERENCES:

42. **Dr. C V Kameswara Rao**, A paper entitled "Development of Mathematical model for Pressure Transients in Power Plant and Simulation studies- A case study in system s Modeling and Simulation" presented in the National Conference on Advances in information Technology, NCAIT-2016 organized by department of information technology MVSR Engineering College, Nadergul, Hyderabad. On 22nd &23rd Jan 2016.

Dr. J. Kandaswamy

PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

43. **J.KandaSamy**, M.Madhavi, N.Haritha, "Free Vibration Analysis of Thin Cylindrical Shells subjected to Internal Pressure and Finite Element Analysis" is published in **International Journal of Research in Engineering and Technology**, ISSN-2319-1163, vol-05 no 13 2016, pp 40-48.

PAPERS PUBLISHED IN NATIONAL JOURNALS

44. Syed Mohibuddin Bukhari, **J. Kandasamy**, M Manzoor Hussain, *Optimization of the Drilling Process Parameters of Glass Fiber Reinforced Plastic Composites*, **International Journal of Emerging Technology & Research**, Sep 2014, Volume 1, Issue 6, pp. 14 -19.

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES:

45. Syed Mohibuddin Bukhari, **J. Kandasamy**, M Manzoor Hussain, *Development of a new Drilling Tool for Drilling Hybrid Composites*, Proceedings of International Conference on Technological Innovations in Mechanical Engineering, 10 – 11, February 2016, CBIT, Hyderabad.
46. **J.Kandasamy**, M.Govindaraju, *Thin Sheet Magnesium Alloy Composite – Novel Materials for Automotive and Aerospace sectors*, Proceedings of International Conference and Expo on Magnesium, 2 – 4, February 2016, Jointly organized by Indian Institute for Metals, Chennai Chapter and VIT Chennai.
47. Syed Mohibuddin Bukhari, **J. Kandasamy**, M Manzoor Hussain, *Computational Analysis on the stacking sequence on Hybrid Composites and drilling process parameters optimization experimental analysis*. Proceedings of International Conference on Material Processing and Characterization. 12 – 13, March 2016, Jointly organized by Maulana Azad National Institute of Technology, GRIET Hyderabad. **Accepted for Publication in Materila Procedia, Elsevier Publications**
48. S V Narasimha Rao, **J. Kandasamy**, M Manzoor Hussain, S Rajesham, *Experimental Investigations on Microhardness of ECAP Al Alloys at different temperatures*, Proceedings of International Conference on Recent Trends in Mechanical Engineering, 20 – 21, November 2015, Narasorapeta Engineering College, AP.
49. **J.Kandasamy**, Lokeswari, *Finite Element Analysis of Super Plastic Forming of Titanium alloys*, Proceedings of International Conference on Recent Trends in Mechanical Engineering, 20 – 21, November 2015, Narasorapeta Engineering College, AP.
50. S. V. Narasimha Rao, **J. Kandasamy**, M. Manzoor Hussain, S. Rajesham, *Computational and Experimental Investigations on Equal Channel Angular Pressing Process through 120° Channel Angle*, International Conference on Emerging Technologies in Mechanical Sciences, ICEMS

2014 26 – 27, December 2014 at Malla Reddy College of Engineering & Technology, Hyderabad.

51. **J.Kandasamy**, M. Anjaiah, *Computational Analysis on Superplastic forming of Aluminium alloys*, International Conference on Emerging Technologies in Mechanical Sciences, ICEMS 2014 26 – 27, December 2014 at Malla Reddy College of Engineering & Technology, Hyderabad.
52. **J.Kandasamy**, I. Balasundar, M. Anuj Reddy, *Some Investigations on the superplastic forming of Titanium Alloys*, International Conference on Advances, in Materials, Manufacturing and Applications, AmmA - 2015, at National Institute of Technology Tiruchirapalli. 9 – 11, April 2015, pp. 36 – 42
53. **J.Kandasamy**, M. Govindaraju, *Friction Based Manufacturing Processes*, International Conference on Advances, in Materials, Manufacturing and Applications, AmmA - 2015, at National Institute of Technology Tiruchirapalli. 9 – 11, April 2015, pp. 74 – 81

PAPERS PRESENTED IN NATIONAL CONFERENCES:

54. S. V. Narasimha Rao **J. Kandasamy**, M. Manzoor Hussain, S. Rajesham, *Computational and Experimental Investigations on Equal Channel Angular Pressing Process through 135° Channel Angle*, National Conference on Recent Innovations in Mechanical Engineering, 21 – 22 November 2014, M.V.S.R Engineering College, Hyderabad.
55. **J. Kandasamy**, M. Manzoor Hussain, S. Rajesham, *Investigations on Overlap Distance of Friction Stir Welded Butt Joints - A Feasibility Study, Computational and Experimental Investigations on Equal Channel Angular Pressing Process through 135° Channel Angle*, National Conference on Recent Innovations in Mechanical Engineering, 21 – 22 November 2014, M.V.S.R Engineering College, Hyderabad.

Dr. P.V. Durga prasad

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES:

56. **P.V. Durga prasad**, A.V.S.S.K.S. Gupth, R.Haranath, A paper entitled “Comparative study on thermal performance of turbulators in turbulent flow using Al_2O_3 /water nanofluids in a U-tube heat exchanger” presented in the International Conference on Advances in Manufacturing & Thermal Engineering –ICOMATE 2016 organized by Mar Athanasius college of Engineering, Kerala, India on 08th&9th Feb. 2016.
57. **P.V.Durga Prasad** and S.Ramanathan, “Numerical and Experimental Investigations on Effect of Blade Shape on the Performance of Vertical Axis Wind Turbine” Proceedings of the International Conference on Trends and Advanced Research in Green Energy Technologies (ICTARGET-2017) at V.I.T.University, Vellore, Tamilnadu, PP-77, March 30-31, 2017.
58. **P.V.Durga Prasad** and L.Syam Sunder, “Nanocomposites in Biomedical Applications” Proceedings of the International Conference on Nanoscience and Nanotechnology (ICONN-2017) at SRM University, Chennai, August 9-11, 2017

PAPERS PRESENTED IN NATIONAL CONFERENCES:

59. K.P.V.Krishna Varm, P.S.Kishore, **P.V. Durga Prasad**, K.Siva Satya Mohan. A paper entitled “Effect of Shape of Cut in Twisted Tape Turbulators on Enhancement of Heat Transfer Characteristics” presented in the National Conference on Advancements in Mechanical Engineering organized by university college of Engineering Kakinada(A) JNTUK Kakinada A.P India on 22nd &23rd July 2016.

PAPERS PUBLISHED IN JOURNALS:

60. **P.V. Durga prasad**, A.V.S.S.K.S. Gupth, “Experimental investigation of enhancement of heat transfer using Al_2O_3 /Water nanofluid in u-tube with twisted tape inserts” is published in **International Communication in Heat and Mass transfer 75 (2016) 154-161.**

61. K.P.V. Krishna Varma, P.S. Kishore and **P.V. DurgaPrasad** “*Enhancement of Heat Transfer Using Fe₃O₄ / Water Nanofluid with Varying Cut-Radius Twisted Tape Inserts*” International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 18 (2017) pp. 7088-7095.

Mr. B. Kshetra Mohan

PAPERS PRESENTED NATIONAL CONFERENCES:

62. **B. Kshetra Mohan**, *Experimental investigation of process parameters of submerged wire EDM for machining HSS*, National conference on Innovative trends in Mechanical & Automobile engineering. Feb – 11th, 12th, 2016.

PAPERS PUBLISHED IN JOURNALS (2011-2016)

63. **B. Kshetra Mohan**, *Experimental Studies on ballistic performance of glass laminates* International Journal for Scientific Research & Development (**IJSRD**). 2015

Mr. G. Srinivas Sharma

PAPERS PUBLISHED IN JOURNALS

64. Subodh Jakkula, **G. Srinivas Sharma**, *Analysis of Cross flow heat Exchanger using Optimization Techniques* **International Journal of Applied Engineering research & Development (IJAERD)** ISSN (P):2250-1584, ISSE (E) VOL-1, ISSUE 6, Dec 2014.
65. **G. Srinivas Sharma** , *CFD Analysis for adaptability of producer gas for power generation in gas turbine* **International Journal of Mechanical and Production Engineering research and Development (IJMPERD)** April'2015.
66. **G. Srinivas Sharma**, *Design and Analysis of GT combustion chamber for producer gas as working fuel.* **International Journal of Current Engineering & Technology** Feb'2015
67. R SreeHarsha, A Sharath, S SaiKiran, Srinivas Sharma Gangaraju, “*Review on Thermo-Chemistry of Different fuel cells*”, All India Seminar on “Fuel Cells and Hybrid Vehicle Technology” 18-19 August, 2017, Institution of Engineers, Hyderabad
68. R SreeHarsha, A Sharath, S SaiKiran, Srinivas Sharma Gangaraju, “*Fabrication processes involved in making of Fuel Cells*”, All India Seminar on “Fuel Cells and Hybrid Vehicle Technology” 18-19 August, 2017, Institution of Engineers, Hyderabad
69. M V S Murali Krishna, Srinivas Sharma Gangaraju, “*Integrated Biomass gasification with Solid Oxide fuel cell Technology for power generation (IBGFC Model) – A Trigeneration Approach*” All India Seminar on “Fuel Cells and Hybrid Vehicle Technology” 18-19 August, 2017, Institution of Engineers, Hyderabad
70. **G.Srinivas sharma**, Dr.G.L.Kameswari, “*Design of Heat Recovery Heat Exchanger using Artificial Intelligence Techniques*” All India Seminar on "Safety Management and Energy Conservation in Process Industries-6th and 7th October, 2017. Institution of Engineers, Hyderabad

Mr. G. Srinivas Rao

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES:

71. **G. Srinivasa Rao**, *Application of operating characteristic curve for the development of society*, **International Conference on Advances in Engineering & Technology**, Methodist college of Engg. & Tech, March, 2016

Mr. S.V. Narasimha Rao

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES:

72. **S. V. Narasimha Rao**, J. Kandasamy, M. Manzoor Hussain, S. Rajesham, *Computational and Experimental Investigations on Equal Channel Angular Pressing Process through 120° Channel Angle*, International Conference on Emerging Technologies in Mechanical Sciences, ICEMS 2014 26 – 27, December 2014 at Malla Reddy College of Engineering & Technology, Hyderabad
73. **S V Narasimha Rao**, J. Kandasamy, M Manzoor Hussain, S Rajesham, *Experimental Investigations on Microhardness of ECAP Al Alloys at different temperatures*, Proceedings of International Conference on Recent Trends in Mechanical Engineering, 20 – 21, November 2015, Narasorapeta Engineering College, AP.

PAPERS PRESENTED NATIONAL CONFERENCES:

74. **S. V. Narasimha Rao** J. Kandasamy, M. Manzoor Hussain, S. Rajesham, *Computational and Experimental Investigations on Equal Channel Angular Pressing Process through 135° Channel Angle*, National Conference on Recent Innovations in Mechanical Engineering, 21 – 22 November 2014, M.V.S.R Engineering College, Hyderabad

Mr. B. Ravi Kumar

PAPERS PUBLISHED IN JOURNALS (2011-2016)

75. **B. Ravi Kumar**, “*Development of Mathematical Model for Spring force by using double radii tool*”, ICAMM2016 Conference, 16-18 Dec, 2016, Hyderabad.

Mr. M. Ravi Kumar

PAPERS PUBLISHED IN JOURNALS (2011-2016)

76. Dr.P.Srinivas, P.Ravi Chandra, **M.Ravi Kumar** & N.Yogi Manash Reddy, *Experimental Investigation of LPG as Refrigerant in a Domestic Refrigerator*, **Journal of Mechanical Engineering Research and Technology**, Volume 2, Number 1, (2014) pp 470-476.

PAPERS PUBLISHED IN NATIONAL CONFERENCES:

77. Srinivas Pendyala, Ravi Kumar **M, Ravi Kumar B**, *Performance Investigation of Two VCR Circuits Connected In Parallel with R134a and HC Blends*, **International Journal of Engineering Research** ISSN:2319-6890(online),2347-5013(print), Volume No.5 Issue Special 2, pp: 495-498 , 11-12 Feb. 2016.

Mr. S. Srinivas

PAPERS PUBLISHED IN JOURNALS (2011-2016)

78. **Mr. S. Srinivas**, *Study of process parameters in gas pressure super plastic forming*, **International journal of Engineering Research & Technology**, Vol.5, issue special 2, September, 11-12 Feb, 2016

Mrs. J. Sita Priyadarsini

PAPERS PUBLISHED IN JOURNALS (2011-2016)

79. **J. Sita Priyadarsini**, A.V.S. Abhinav, B. Sharath Chandra and R. S. Swathi, *Use of Aerodynamic Lift in Increasing the Fuel Efficiency of Heavy Vehicles*, **IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)**, e-ISSN: 2278-1684,p-ISSN: 2320-334X, Volume 12, Issue 4, July-Aug, 2015, pp 39-42

PAPERS PRESENTED NATIONAL CONFERENCES

80. **J. Sita Priyadarsini**, Dr. S. Gajanana, Dr. G. Venkata Subbaiah, K. Vikram Aditya, *Computational analysis and optimization of blowing ratio for effective film cooling of a Gas Turbine Blade*, **IJER**, vo.,5, pp486-490, Feb, 2016

Mr. M. Pandarinath

PAPERS PUBLISHED IN JOURNALS (2011-2016)

81. **M. Pandarinath**, N. V. Srinivasulu, *Studies on Improved Passenger Seating Comfort in Automobiles*, **International Journal on Mechanical Engineering and Robotics (IJMER)**, Volume-4, Issue-4, 2016

Mr. B. Suresh Kumar Reddy

PAPERS PUBLISHED IN JOURNALS (2011-2016)

82. **B. Suresh Kumar Reddy**, *Induction hardening and Microstructure Analysis of Micro Alloyed Roller Shaft on under carriage*, **International Journal of Engineering Research**. 01.07.2015
83. **B. Suresh Kumar Reddy**, Dr S. Gajanana, A.Krishnaiah, "Development of Regression model usin LASSO for end milling on AL6061 alloy" **IJTAE**, vol 6 Issue 12 Dec 2016.
84. **B. Suresh Kumar Reddy**, Dr S. Gajanana, A.Krishnaiah, "Analysis of Machinability on AL6061 using single point cutting tool" **IJSET**, Issue 8, Vol 6, Aug, 2017.
85. **B. Suresh Kumar Reddy**, Dr S. Gajanana, A.Krishnaiah, "Machinability study of Al6061 Alloy on End milling Process" **IJER**, Issue 8, Vol 6, Aug 2017.

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES:

86. **B. Suresh Kumar Reddy**, *Optimization of Induction Hardening process using response surface methodology*, IIT Madras, 31-July 31st and 1st August.

V. Suman Raju

PAPERS PUBLISHED IN JOURNALS (2011-2016)

87. **V.suman Raju**, R. Ravi kumar, D. Suresh "Computational Analysis of Catalytic Converter Light-off Temperature in Exhaust System of IC Engine" **IJER**, ISSN-2319-6890(O), Volume No 5, Issue Special 2, pp: 468-472, Feb-2016.

R. Ravi kumar

PAPERS PUBLISHED IN JOURNALS (2011-2016)

88. **R. Ravi kumar**, K. Suresh, D. Visnu kumar "CFD Simulations of Down Drought Biomass Gassifier". **IJAERD**, ISSN: 2348-4470(O), Volume 3 Issue 1 Jan-2016,
89. **R. Ravi kumar**, V, Suman Raju, D. Suresh "Computational Analysis of Catalytic Converter Light-off Temperature in Exhaust System of IC Engine" **IJER**, ISSN-2319-6890(O), Volume No 5, Issue Special 2, pp: 468-472, Feb-2016.

Mr.G.Prakasham

PAPERS PUBLISHED IN JOURNALS

90. **G.Prakasham**,Dr. L.Siva rama Krishna, Dr.A Seshu Kumar, "A Review on the Effect of Various Process Parameters in Cold Metal Transfer (CMT) GMAW Welding", *International Journal of Engineering Research*, ISSN:2319-6890(online),2347-5013(print) Volume No.5 Issue Special 2, pp: 432-435. Feb 2015.
91. **G.Prakasham**, J.KandaSamy, **N.Haritha**, "Buckling Analysis of composite shell" IJSIET, Vol 4, May 2017.

PAPERS PRESENTED NATIONAL CONFERENCES:

92. **G.Prakasham**,Dr. L.Siva Rama Krishna, Dr.A. Seshu Kumar, Mathematical Modelling Of Cold Metal Transfer Welding presented in National Conference "National Welding Seminar 2016", Organised by Indian Institute Of Welding at Kolkata 15-17 Dec,2016.

N.Yogi Manash Reddy

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