

## Research Publications of Symbiosis Institute of Technology, Pune

Summary of Research Publications (As on 31<sup>st</sup> July 2015)

Sr. No	Year	No. of Publications	
1	Up to March 2009	0	
2	2009 – 2010	4	<b>Important from NAAC Perspective (263 publ.)</b>
3	2010 – 2011	4	
4	2011 – 2012	17	
5	2012 – 2013	28	
6	2013 – 2014	84	
7	2014 – 2015	126	
8	2015 – 2016	58	
	<b>Total</b>	<b>321</b>	

### Year April 2009- March 2010

#### Journal Papers Published

1. **Laad, M** (01/2010) Empowering Indian Women through Distance education and hence contributing in the Social and Economic Development of the Nation. *International Journal of Educational Administration*, 2(3) ( ISSN: 0976-5883).
2. **Laad, M**, Viswanathan Geetha (01/2010) The Influence of Sounds of Stringed Instruments on Growth of Medicinal Plant *Trigonella Foenum Graecum* (Family Fabaceae). *International Journal of Applied Agricultural Research*, 5(2) : 275-282 ( ISSN: 0973-2683).
3. **Laad, Meena** (01/2010) The study of solution growth of Potassium Bromide Crystal under varying growth conditions and its Thermoluminescent properties. *International Journal of Mechanics and Solids (IJM&S)*, 4(1) : 63-70 ( ISSN: 0973-1881).
4. G Chauhan, **Singh T.P.**, SK Sharma (01/2010) Productivity Improvement through Lean Manufacturing: A Case Study, INVERTIS, 2010. *Journal of Science & Technology*, 3(1) ( ISSN: 2229-8460).

### Year April 2010- March 2011

#### Journal Papers Published

1. G Chauhan, **Singh T.P.** (01/2011) Lean manufacturing through management of labor and machine flexibility: A comprehensive review. *Global Journal of Flexible Systems Management*, 12(1-2) : 59-80 (Scopus; ISSN: 0972-2696).
2. Swati Malhotra, **Dipika Jaspal** (01/2011) Study of Effect of Catalyst and Solvent on the Enolisation Process of p-Bromoacetophenone. *Bulletin of Catalysis Society of India*, 10(3) : 1-6 ( ISSN: 1566-7367).

#### Proceeding Papers Published

1. **Arora, S.**, D Bhatia (02/2011) Communications in Computer and Information Science. In: *1st International Conference on Computer Science and Information Technology*, 132(2) , pp: 564-572( **NO ISBN, Soft/Hard pending** )
2. **Kherde Rajesh** (03/2011) Use of geographic information system (GIS) for water Resources planning and management. In: *Proceedings of the National Seminar on Water Resources Management in Andhra Pradesh (WRMAP)*, pp: 194-202( **NO ISBN, Soft/Hard pending** )

### Year April 2011- March 2012

**Journal Papers Published**

1. **Auti, A.B** (01/2012) Domestic solar water desalination system. *Energy Procedia*, 14: 1774–1779 (Scopus; ISSN: 1876-6102).
2. **Joshi Rahul, Pawar Ambika, Phansalkar Shraddha**, Deshamukh Varshali (03/2012) IT Business Management Parameters Framework from Indian Context. *International Journal of Research in Engineering and Technology*, 1(4) : 554-557 (Ebsco, Cabell's directory, Google Scholar, Scirus, Computer Science Directory, Index Copernicus, Open J-Gate, ResearchGate, Scribd; ISSN: 2319 - 1163).
3. **Kadlag Swati** (03/2012) Categorization of profiles of the vehicles intelligently and automatically at Toll Plaza's. *IOSR Journal of Electronics and Communication Engineering*, 1(3) : 8-11 (Google Scholar, Open J-Gate, CrossRef, NASA; ISSN: 2278-2834).
4. **Kherde Rajesh**, Priyadarshi Sawant (01/2012) An Analytical Model for Sub grid Force-Equilibrium Approach in Submerged Vegetative Channel. *Recent Trends in Civil Engineering*, 1(1) : 1-8 (ISSN: 2249-8753).
5. **Laad, M** (01/2012) Empowering Indian Women through distance education. *On Campus with Women*, 40(3) (ISSN: 0734-0141).
6. **Singh T.P., Vijra Nishtha** (01/2012) Modeling of Energy Usage using Physical System Theory Model. *International Journal of Earth Sciences and Engineering*, : 569-577 (ISSN: 0974-5904).
7. **Singh T.P., Vijra Nishtha** (01/2012) Enhanced Air Finned Cooler to Improve the Sustainability and Life of Mechanical Seals. *International Journal of Earth Sciences and Engineering*, : 217-224 (ISSN: 0974-5904).
8. G Jain, A A Agarwal, **Dalvi Amol** (02/2012) Optimization of an Error due to Non-Perpendicularity of optical axis of Digital Microscope with the plane of Micromachine Base. *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)*, : 50-52 (Google Scholar; ISSN: 2278-1684).
9. S Kumar, R Singh, Ajay Batish, **Singh T.P.** (01/2012) Electric discharge machining of titanium and its alloys: A review. *International Journal of Machining and Machinability of Materials*, 11(1) : 84-111 (Scopus; ISSN: 1748-5711).
10. Swati Malhotra, **Jaspal Dipika** (01/2012) Kinetics of Amino Acid Catalyzed Enolisation of Acetophenone. *Journal of Chemical and Pharmaceutical Research*, 4(1) : 239-245 (Scopus; ISSN: 0975-7384).
11. **Laad Meena** (08/2011) The study of the effect of constant frequency sound with varying intensity levels on Blood pressure and Heart rate of healthy individuals. *International Journal of Applied Engineering Research*, 6(11) : 1355-1361 (Scopus; ISSN: 0973-4562).
12. **Meena Laad** (06/2011) Causes Responsible for Declining Interest of Students in Learning Physics at Higher Level: An Indian Perspective Meena Laad. *International Journal of Pure and Applied Physics.*, 7(2) : 151-158 (Ebsco; ISSN: 973-1776).

**Book, Monographs Published / Edited**

1. **Meena Laad** (02/2012) *Thermoluminescence in Inorganic crystals*. Lap Lamber Publishing (ISBN: 978-3-8484-1688-2).

**Book Chapters Published**

1. Singh Ravindra Pratap, **Singh T.P.**, Ajay Batish (04/2011) Analyzing s/n ratio optimization of physiological stress of indian male workers in summer & winter during manual lifting tasks. In: *Contemporary Ergonomics and Human Factors 2011* (Edited by: Martin Anderson) CRC Press (ISBN: 978-0-415-67573-4).

**Proceeding Papers Published**

1. **Kadlag Swati** (01/2012) Secure socket Layer and Features of wireless security. In: *National conference at Indira college of Engineering and Technology*, (ISBN : 978-81-920427-1-8.).
2. **Bansod, G.V.**, (11/2011) Audio Sub word sorter unit on sorter network for sense transmission. In: *Proceedings - 2011 IEEE International Conference on Central System, Computing and Engineering, ICCSCE 2011 Penang*, , pp: 127-131 (ISBN : 978-1-4577-1640-9).
3. **Singh T.P.**, Gulshan Kumar (12/2011) Management of Labour Flexibility for Lean Manufacturing. In: *Eleventh Global Conference on Flexible Systems Management*, pp: 9-12( **NO ISBN, Soft/Hard pending** )

**Year April 2012-March 2013****Journal Papers Published**

1. **Laad Meena** (01/2013) Improvising Traditional methods and developing new instructional techniques for effective learning of Physics. *International Journal of Scientific and Engineering Research*, 4(1) : 1-6 (Ebsco,Google Scholar,Scirus,BASE,DOAJ,Index Copernicus,ScientificCommons,Scribd; ISSN: 2229-5518).
2. **Laad Meena** (01/2013) Brain Computer Interface: Electroencephalography as an emerging tool for BCI applications. *International Journal of Applied Engineering*, 8(1) : 47-54 (Scopus; ISSN: 0973-4562).
3. **Patil Seema** (02/2013) Distributed query execution system for transactional database using lookup table. *International Journal of Emerging Technology*, 3(2) ( ISSN: 2250-2459).
4. **Sandbhor Sayali, Rohan Botre** (03/2013) A systematic approach towards restoration of heritage buildings- A case study. *International Journal of Research Engineering and Technology*, 2(3) : 229-238 (Ebsco,Google Scholar,Scirus; ISSN: 2319-163).
5. **Seema Patil** (02/2013) Fine grained partitioning for transactional database using lookup table. *International Journal of Data Warehousing and Mining*, 3(1) ( ISSN: 1548-3932).
6. **Singh T.P.** (02/2013) Management of Change in Indian Automobile Industry - A Survey. *Industrial Engineering Journal*( ISSN, Soft/Hard pending )
7. **BS Sangha, Singh T.P., A Batish** (02/2013) Industry support institution fostering technological innovations among SME's of Punjab: A Strategic Perspective. *The Assian journal of Technology Management*, 6(1) : 37-48 (Google Scholar,DOAJ,Index Copernicus; ISSN: 2089-791X).
8. **Sanjay Mohite, Pisharoty Narayan** (03/2013) Application of multimode matrix converter for washing machine. *International Journal of Advances in Engineering and Technology*, 6(1) : 291-297 (Ebsco,Scirus,Index Copernicus; ISSN: 2231-1963).
9. **Auti Abhijeet, Auti Nisha** (08/2012) Numerical Solution of Ordinary Differential Equation Using Single MATLAB Algorithm. *International Journal of Mathematics Research*, 4(5) : 587-594 (Scopus; ISSN: 0976-5840).
10. **Jaspal Dipika** (09/2012) Elimination of Colored Contaminants from Waste Water. *Research Journal of Chemistry and Environment*, 16(3) : 3 (Scopus; ISSN: 0972-0626).
11. **Jaspal Dipika, Swati Malhotra, A Malviya** (11/2012) Column studies for the adsorption of brilliant green, fast green FCF and phenol red dyes on de-oiled soya and bottom ash. *Asian Journal of Chemistry*, 24(11) : 5082-5086 (Scopus; ISSN: 0970-7077).
12. **Joshi Rahul, Deshamukh Varshali** (11/2012) Overview of e-Governance elements from Indian state IT policy perspective. *International Journal of Scientific and Engineering Research.*, 3(11) : 1-7 (Ebsco,Google Scholar,Scirus; ISSN: 2229-5518).
13. **Warke Arundhati, Das SK** (04/2012) Estimation of contaminant spread in a two-layer aquifer for recharge and withdrawal scenarios using the method of moments. *Special Topics and Reviews in Porous Media*, 3(2) : 189-199 (Scopus; ISSN: 2151-4798).
14. **G Chauhan, Singh T.P.** (08/2012) Measuring parameters of lean manufacturing realization. *Measuring Business Excellence*, 16(3) : 57-71 (Scopus; ISSN: 1368-3047).
15. **Malviya Arti, Jaspal Dipika** (06/2012) Removal of Toxic Azo Dyes from Wastewater using Bottom Ash - Equilibrium Isothermal Modeling. *Oriental Journal of Chemistry*, 28(2) : 955-961 (Scopus; ISSN: 0970-020 X).

**Proceeding Papers Published**

1. **Ahirrao. Swati, Ingale Rajesh** (02/2013) Scalable transactions in cloud data stores. In: *Proceedings of the 3rd IEEE International Advance Computing Conference*, pp: 116-119 (ISBN : 978-146734528-6).
2. **Shah Pritesh, SD Agashe** (02/2013) Design and Optimization of Fractional PID Controller for Higher Order Control System. In: *International Conference of IEEE ICART*, ( NO ISBN, Soft/Hard pending )
3. **Singh abhay pal, Srivastava Trisha, Srivastava Pallavi** (02/2013) Fractional Equations of Motion Via Fractional Modeling of Underactuated Robotics System. In: *Proceedings of International Conference on Advanced Research in Engineering and Technology*, pp: 847 – 850( NO ISBN, Soft/Hard pending )
4. **Suman Tanwar, Manisha Tijare** (02/2013) Moving from cloud computing to mobile cloud computing. In: *Proceedings of National Conference in Computing and Information Technology*( NO ISBN, Soft/Hard pending )

5. **Jaspal Dipika**, Swati Malhotra (05/2012) Bottom ash as a potential waste material for the removal of toxic Fast green fcf and phenol red from waste water: a comparative. In: *International Congress on Informatics, Environment, Energy and Applications-IEEA 2012 IPCSIT*, 38( **NO ISBN, Soft/Hard pending** )
6. **Kherde Rajesh** (05/2012) Topography-based hydrological modelling in the wardha drainage basin. In: *SPICON-2012. SPCE, Mumbai*, ( **NO ISBN, Soft/Hard pending** )
7. **Kishanrao M.P.**, M.C Narasimhan (12/2012) Performance of Geopolymer concrete mixes at elevated temperatures. In: *International Conference on Green Technologies, ICGT 2012*, pp: 79-81 (ISBN : 978-1-4673-2635-3).
8. **Pandey Brajesh** (10/2012) Spin canting in zinc ferrite nanopowders. In: *Proceedings of 4th International Conference on Advanced Nano Materials*, (ISBN: 978-93-80689-16-6).
9. **Pisharoty Narayan R** (12/2012) Analysis of electronics industry recommendations and the growth aimed policy announced recently by GOI. In: *Proceedings of kf Forum for Global Knowledge Sharing, 7th Annual International Conference of Knowledge Forum*, pp: 263-265( **NO ISBN, Soft/Hard pending** )
10. **Singh T.P.** (10/2012) Job Designs for Lean Manufacturing. In: *National Conference on Innovation for completion Edge - Growth & Stability*, pp: 293-296( **NO ISBN, Soft/Hard pending** )
11. **Warke A.S., Purohit Vishwas**, Shah Sanjeevani (11/2012) Statistical analysis of removal of moisture from Bagasse by microwave beating. In: *Proceedings of kf Forum for Global Knowledge Sharing 7th Annual International Conference of Knowledge Forum Theme: Technology Intensity and Global Competiveness*, , pp: 371-379( **NO ISBN, Soft/Hard pending** )
12. BS Sangha, **Singh TP**, Ajay Batish (12/2012) An assessment of regional innovation system among small scale auto parts industry of Punjab, India. In: *Proceedings of kf Forum for Global Knowledge Sharing, 7th Annual International Conference of Knowledge Forum*, pp: 117-143( **NO ISBN, Soft/Hard pending** )
13. Labade RP, **Pisharoty, N**, SB Deosarkar (12/2012) Circularly polarized microstrip antenna for WLAN. In: *Proceedings of Annual IEEE India Conference, INDICON 2012*, pp: 1148-1152 (ISBN: 978-1-4673-2270-6). ( **NO ISBN, Soft/Hard pending** )

### Year April 2013-March 2014

#### Journal Papers Published

1. **Ahirrao Swati**, Ingale Rajesh (02/2014) Dynamic workload-aware partitioning in oltp cloud data stores. *Journal of Theoretical and Applied Information Technology*, 60(1) : 89-94 (Scopus; ISSN: 1817-3195).
2. **Ghosh Anindita**, Banerjee Susanta (02/2014) Sulfonated fluorinated-aromatic polymers as proton exchange membranes. *e-Polymers*, 14(4) : 227-257 (Scopus; ISSN: 1618-7229).
3. **Kadlag Swati** (03/2014) Distributed digital signal processing for Performance Enhancement of Wireless Sensor Networks. *Journal of signal processing system*, 5(2) (Scopus; ISSN: 1939-8018).
4. **Kherde Rajesh**, Sawant Priyadarshi (01/2014) Topmodel parameter optimization using monte carlo simulation and generalized likelihood uncertainty estimation (glue) package. *Journal of Environmental Hydrology*, 22(1) : 1-12 (Scopus; ISSN: 1058-3912).
5. **Pawar Ambika**, Dani Ajay (01/2014) Enhancing Privacy-Preserving Cloud Database Querying by Preventing Brute Force Attacks. *International Journal of Computer, Information Science and Engineering*, 8(1) : 51-57
6. **Phansalkar, Shraddha**, Dani AR (01/2014) Transaction aware vertical partitioning of database (TAVPD) for responsive OLTP applications in cloud data stores. *Journal of Theoretical and Applied Information Technology*, 59(1) : 73-81 (Scopus; ISSN: 1817-3195).
7. **Rathod, BS, Khedkar Nitin, Jatti Vijay kumar** (01/2014) Optimization of Turning Process Parameters for Surface Roughness and MRR based on the Taguchi Method during Machining of Inconel-718. *International Journal of Applied Engineering Research*, 9(1) : 83-92 (Scopus; ISSN: 1087-1090).
8. **Sandbhor Sayali**, Botre R (03/2014) Applying total interpretive structural modeling to study factors affecting construction labour productivity. *Australasian Journal of Construction Economics and Building*, 14(1) : 20-31 (Scopus; ISSN: 1835-6354).
9. Cabrera M, Maciel J.C., Quispe-Marcotoma J, **Pandey Brajesh**, Neri D.F.M, Soria F, Baggio-Saitovitch E, de Carvalho Jr L.B (01/2014) Magnetic composites from minerals: study of the iron phases in clay and diatomite using Mossbauer spectroscopy, magnetic measurements and XRD. *Hyperfine Interactions*, 224(1-3) : 197-204 (Scopus; ISSN: 1572-9540).

10. Chauhan Gulshan, **Singh T.P.** (03/2014) Development and validation of resource flexibility measures for manufacturing industry. *Journal of Industrial Engineering and Management*, 7(1) : 21-41 (Scopus; ISSN: 2013-0953).
11. **Jadhav M.S, Khare Kanchan, Warke A.S.** (03/2014) Selection of Significant Input Parameters for Water Quality Prediction- A Comparative Approach. *International Journal of Research in Advent Technology*, 2(3) : 81-90 (WorldCat,Google Scholar,Global Impact Factor,Index Copernicus,Scribd; ISSN: 2321-9637).
12. Kadam Vikramsinh, **Shukla Mrudang, Ubale Amol** (03/2014) Prevention of downey mildew disease in grape field. *International Journal of Advances in Engineering & Technology*, 7(1) : 200-205 (Ebsco,WorldCat,DOAJ,GetCITED,Index Copernicus,Open J-Gate,Scribd; ISSN: 2231-1963).
13. Kamble Lokesh, Pangavhane R, **Singh T.P.** (03/2014) Experimental Investigation of Horizontal Tube immersed in Gas-Solid Fluidized Bed of Large Particles using Artificial Neural Network. *International Journal of Heat and Mass Transfer*, 17: 719-724 (Scopus; ISSN: 0017-9310).
14. Kumar Raj, **Naidu Praveen**, Kamble Vivek (01/2014) Design of Asymmetric Slot Antenna with Meandered Narrow Rectangular Slit for Dual Band Applications. *Progress In Electromagnetics Research B*, 60(1) : 111-123 (Scopus; ISSN: 1937-6472).
15. Pandure Pravin, **Jatti Vijay kumar, Singh T.P.** (02/2014) Three dimensional FE modeling and simulation of nano-indentation and scratch test for TiN coated high speed steel substrate. *International Journal of Applied Engineering Research*, 9(15) : 2771-2777 (Scopus; ISSN: 0973-4562).
16. Singh R, Batish Ajay, **Singh T.P.**, Anirban Bhattacharya (01/2014) An experimental study to evaluate the effect of ambient temperature during manual lifting and design of optimal task parameters. *Human Factors and Ergonomics In Manufacturing*, 24(1) : 54-70 (Scopus; ISSN: 1520-6564).
17. Singh Sarabjeet, **Parikh Yash** (02/2014) Finite Element Analysis of Stacker Mechanism used in Bearing Manufacturing. *International Journal of Innovative Research in Advanced Engineering*, 2(2) : 230-236 (Google Scholar,Cite Seer x,ResearchGate,ScientificCommons,Scribd,Ulrich's Web; ISSN: 2349-2163).
18. Tikhe Shruti, **Khare Kanchan**, Londhe SN (01/2014) Short Term Air Quality Forecast Using Data Driven Approaches. *International Journal of Engineering Research and Applications*, 4(1) : 224-236 (Ebsco,ProQuest,Cabell's directory,WorldCat,Google Scholar; ISSN: 2248-9622).
19. Walkar Hemant, **Jatti Vijay kumar, Singh T.P.** (03/2014) Multi-objective optimization of magnetic-field-assisted EDM process during machining of ALSI 4140 using non-dominated sorted genetic algorithm. *International Journal of Applied Engineering Research*, 9(14) : 2745-2752 (Scopus; ISSN: 0973-4562).
20. **Abhijeet Auti, Warke A.S.** (09/2013) Prediction of pressure drop in chilled water piping system using theoretical and CFD Analysis. *International Journal of Engineering and Technology*, 5(4) : 3388-3393 (ISSN: 0975-4024).
21. **Agrawal Poorva, Agrawal Himanshu** (11/2013) A Review on Multi Robot Cooperation Using Bio Inspired Neural Networks. *International Journal of Soft Computing, Mathematics and Control (IJSCMC)*, 2(4) : 15-24 (Google Scholar,Open J-Gate,Scribd,Ulrich's Web; ISSN: 2201-4160).
22. **Auti Abhijeet, Singh T.P., Sapre Mandar** (07/2013) Theoretical, Experimental and Finite Element Analysis of heat loss for designing a parabolic concentrator. *International Review of Mechanical Engineering*, 7(5) : 864 - 868 (Scopus; ISSN: 1970-8734).
23. **Auti,A.B, Singh T.P.**, Pangavhane Dilip, Chavan Ashok (08/2013) Solar water desalination system with condenser without using electricity for rural areas. *American Journal of Applied Sciences*, 10(9) : 1109-1114 (Scopus; ISSN: 1546-9239).
24. **Auti,A.B, Singh T.P.**, S Sarmukaddam (04/2013) Thermal analysis of parabolic concentrator for finding optical efficiency by different methods with varying parameters. *International Journal of Engineering and Technology*, 5(2) : 1484-1488 (Scopus; ISSN: 0975-4024).
25. **Bansod Gaurav** (09/2013) Hardware and Software Design for Automotive Security. *International Journal of Computer Science and Network Security*, 13(9) : 74-79 (Ebsco,ProQuest; ISSN: 1738-7906).
26. **Bansod Gaurav**, Gupta Aman, Ghosh Arunika, Bishnoi Gajraj, Sawhney Chitrandha, Ankit Harshita (09/2013) Experimental analysis and implementation of bit level permutation instructions for embedded security. *WSEAS Transactions on Information Science and Applications*, 10(9) : 303-312 (Scopus; ISSN: 1790-0832).
27. **Dalavi Amol**, Mahesh Jadhav, Yasin Shaikh, Avinash Patil (04/2013) Modeling, Optimization & Manufacturing of Vortex Tube and Application. *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)*, : 45-49 (Google Scholar,Index Copernicus,Ulrich's Web; ISSN: 2278-1684).
28. **Gite Shilpa, Kumar Meeta, Kamat Pooja** (06/2013) A Reactive Energy-Alert Algorithm for MANET and Its Impact on Node Energy Consumption. *International Journal of Computer Applications*, 71(18) : 1-

- 6 (Ebsco,ProQuest,WorldCat,Google Scholar,Cite Seer x,DOAJ; ISSN: 0975-8887).
29. **Jatti Vijay kumar, Sekhar Ravi, Patil R.K** (06/2013) Study of Ball Nose End Milling of LM6 Al Alloy: Surface Roughness Optimisation using Genetic Algorithm. *International Journal of Engineering and Technology*, 5(3) : 2859-2865 (Scopus; ISSN: 0975-4024).
  30. **Joshi Rahul, Shelke Maya, Joya Prakash, Swapnil Bhadhane** (06/2013) Developing the translation interface for Marathi text. *International Journal of Advanced Engineering Research and Studies*, 2(3) : 93-95 ( ISSN: 2249-8974).
  31. **Kadlag Swati** (05/2013) Integrating Embedded RFID Information Technology for Better Surveillance and Management of Productive business and logistics. *International journal of research in management*, 3(3) : 81-83 ( ISSN: 2249-5908).
  32. **Kherde R.V., Sawant Priyadarshi** (08/2013) Integrating geographical information systems (GIS) with hydrological modelling -applicability and limitations. *International Journal of Engineering and Technology*, 5(4) : 3374-3381 (Scopus; ISSN: 0975-4024).
  33. **Laad, M** (05/2013) Investigating relative strengths and positions of electrical activity in the left and right hemispheres of the human brain using Electroencephalography. *Biomedical Research.*, 24(3) : 359-364 (Scopus; ISSN: 0970-938X).
  34. **Mantri Gauri, N R Kulkarni** (06/2013) Design & optimization of PID Controller using Genetic Algorithm. *International Journal of Research in Engineering & Technology (IJRET)*, 2(6) : 926-930 ( ISSN: 2319-1163).
  35. **More Pratap** (05/2013) Design of Geopolymer Concrete. *International Journal of Innovative Research in Science, Engineering and Technology*, 2(5) : 1481-1844 ( ISSN: 2319 - 8753).
  36. **Naidu Praveen, Kumar Raj, R.V.S. Ram Krishna** (05/2013) A Compact Rupee Shaped Dual Band Antenna for W i MAX and WLAN Applications. *International Journal of Computer Applications*, (1) : 8-13 (Ebsco,ProQuest,WorldCat,Google Scholar,ScientificCommons,Ulrich's Web; ISSN: 0975 - 8887).
  37. **Sandbhor Sayali, Chaphalkar NB** (10/2013) Comparative analysis of methods of computing building depreciation. *International Journal of Engineering Research & Technology (IJERT)*, 2(10) : 2792-2797 ( ISSN: 2278-0181).
  38. **Sandbhor Sayali, Ravindra Bapat, NB Chaphalkar** (11/2013) Analysis of Behaviour of Real Estate Rates in India- A Case Study of Pune City. *International Journal of Management Science and Engineering*, 7(8) (Ebsco).
  39. **Sapre Mandar, Auti Abhijeet, Singh T.P.** (11/2013) Design and manufacturing of absorber for solar desalination system. *Applied Mechanics and Materials*, 446-447: 716-720 (Scopus; ISSN: 1662-7482).
  40. **Shah Pritesh, SD Agashe, Singh abhay pal** (07/2013) Fractional order modelling using state space theory. *International Journal of Engineering and Technology*, 5(3) : 2891-2894 (Scopus; ISSN: 0975-4024).
  41. **Singh T.P., Gulshan Chauhan** (06/2013) Significant parameters of labour flexibility contributing to lean manufacturing. *Global Journal of Flexible Systems Management*, 14(2) : 93-105 (Scopus; ISSN: 0972-2696).
  42. **Taksale A.S** (08/2013) Modeling, analysis and control of passive and active suspension system for a quarter car. *International Journal of Applied Engineering Research*, 8(12) : 1405-1414 (Scopus; ISSN: 1087-1090).
  43. **Tamboli Shahid** (11/2013) Analysis of a single edge notched tension specimen repaired with CFRP patch. *Technical journal of the Institution of engineers (India)*, 37: 242-247 ( ISSN: 978-81-924990-1-7).
  44. **Vijay kumar Jatti, Ravi Sekhar, Patil R.K** (06/2013) Study of Ball Nose End Milling of LM6 Al Alloy: Surface Roughness Optimisation using Genetic Algorithm. *International Journal of Engineering and Technology*, 5(3) : 2859-2865 (Scopus; ISSN: 0975-4024).
  45. **Zope Rupali** (06/2013) The Planning Strategies for Urban Land Use Pattern: A Case Study of Pune City, India. *International Journal of Innovative Research in Science, Engineering and Technology*, 2(7) : 2682-2687 ( ISSN: 2319 - 8753).
  46. **Botre R, Sandbhor Sayali** (06/2013) Using Interactive Workspaces for Construction Data Utilization. *International Journal of construction Engineering and management*, 2(5) : 62-69 (Ebsco).
  47. **Chaphalkar NB, Sandbhor Sayali** (06/2013) Use of artificial intelligence in real property valuation. *International Journal of Engineering and Technology*, 5(3) : 2334-2337 (Scopus; ISSN: 0975-4024).
  48. **Chaudhari Nikhil, Vijra Nishtha, Singh T.P.** (11/2013) Computational Fluid Dynamics Analysis of Two-Phase Thermosyphon. *International Journal of Engineering and Technology (IJET)*, 5(5) : 3794-3800 (Scopus; ISSN: 0975-4024).
  49. **Chauhan Gulshan, Singh T.P.** (04/2013) Resource flexibility for lean manufacturing: SAP-LAP analysis

- of a case study. *International Journal of Lean Six Sigma*, 4(4) : 370 - 388 (ISSN: 2040-4166).
50. Dalvi Mohit, Kole Shantinath, Kulkarni Satish, **Dalvi Amol, Singh T.P.** (12/2013) Investigation of different liner materials for 2-piece automotive propeller shaft using finite element approach. *International Journal of Applied Engineering Research*, 8(17) : 1989-1994 (Scopus; ISSN: 0973-4562).
  51. Jaiwant dongrekar, **Singh T.P.** (10/2013) Development of a Computer based MRP system on simulated Production data of a manufacturing unit. *International Journal of Industrial Engineering and Technology*, 1(4) : 65-72 (ISSN: 2277-4769).
  52. Kamble Vivek, Kumar Raj, **Naidu Praveen** (05/2013) Design of Dome Shape Slot Antenna for UWB Applications. *International Journal of Computer Applications*, : 33-38 (Ebsco,ProQuest,Cabell's directory,WorldCat,Google Scholar,ScientificCommons,Ulrich's Web; ISSN: 0975 - 8887).
  53. M Jadhav, Yogesh Dandawate, **Pisharoty Narayan** (04/2013) Performance evaluation of structural similarity index metric in different colorspace for HVS based assessment of quality of colour images. *International Journal of Engineering and Technology*, 5(2) : 1555-1562 (Scopus; ISSN: 0975-4024).
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