

**M. S. RAMAIAH UNIVERSITY OF APPLIED
SCIENCES (MSRUAS)**

List of Publication for the year 2014

FACULTY OF ENGINEERING & TECHNOLOGY	
Department: Automotive & Aeronautical Engineering	
1	Sivapragasam, M., Ramamurthy, S., Deshpande, M. D. and Peter White, (2014) An Air Jet Distortion Generation System, <i>International J. of Rotating Machinery</i> , http://dx.doi.org/10.1155/2014/961452 .
2	Niranjan, G. S., Suman, M. L. J. and Srikari, S., (2014) Effect of Molding Process Induced Anisotropy on Structural Performance of Bumper Fascia. Proceedings of TFMS 2014, <i>2nd National Conference on Thermal, Fluid and Manufacturing Science</i> , Surat.
3	Vinay Hegde, Arup Bhattacharya and Srikari, S., (2014) Design of Mobile Raw Milk Chilling Unit for Rural Areas, <i>SASTECH J.</i> , 13(1), pp. 31-38.
4	Midhun Eliyas and Hima Kiran Vithal, V., (2014) Concept Design of Special Vehicle for Indian Military, <i>SASTECH J.</i> , 13(1), pp 39-45.
5	Sreedharan, C., Nagpurwala, Q. H. and Subbaramu, S., (2014) Effect of Hot Air Jets from a Piccolo Tube in Aircraft Wing Anti-Icing Unit, <i>SASTECH J.</i> , 13(2), pp. 1-4.
6	Piyush Dube, Suman, M. L. J. and Vinod K. Banthia, (2014) Lumped Parameter Model for Design of Crash Energy Absorption Tubes, <i>SASTECH J.</i> , 13(2), pp. 5-8.
7	Venkateswara Reddy, Shankapal, S. R. and Monish Gowda, M. H., (2014) Modelling and Simulation of Hydropneumatic Suspension for a Car, <i>SASTECH J.</i> , 13(1), pp. 24-30.
8	Subbaramu, S., Vinod K. Banthia and Vijay Kumar, S. M., (2014) Structural Assessment of Torque Converter at Operating Conditions-A Numerical Study, <i>Proceedings of the ASME 2014 Gas Turbine India Conference</i> , New Delhi.
9	Suman, M. L. J., Srikari, S., Gopalakrishnan, M. and Vinod K. Banthia, (2014) Prediction of Fatigue and Fracture Life of an Autofrettaged Turbine Compressor Disc Using Finite Element Analysis, <i>Proceedings of the ASME 2014 Gas Turbine India Conference</i> , New Delhi.
10	Santosh, P. Deshpande and Sriram A. T., (2014) Numerical Study on Near Wall Flow Structure of a Model Can-type Combustor, <i>5th International Conference and 41st National Conference on Fluid Mechanics and Fluid Power</i> , IIT Kanpur.
11	Vinay Ballal, B. S., Nagpurwala, Q. H. and Deshpande, M. D., (2014) Numerical Studies on the Effect of Purge Flow on the Performance and Flow Field of a Gas Turbine with Disc Cavity, <i>Proceedings of 5th International and 41st National Conference on Fluid Mechanics and Fluid Power</i> , Indian Institute of Technology, Kanpur.
12	Mudassir Ahmed, M. R., Nagpurwala, Q. H. and Subbaramu, S., (2014) Numerical Studies on the Effect of Gurney Flap on Aerodynamic Performance and Stall Margin of a Transonic Axial Compressor Rotor, <i>Proceedings of ASME GTINDIA 2014 Conference</i> , New Delhi.
Department: Civil Engineering	
1	Nayana Naganagouda Patil, Ambily, P. S., Jaywant, A. L., Prabhu, S. and Nagesh R. Iyer., (2014) Rate of Strength Development in Normal Strength and High Strength Geopolymer Concrete with Micronized Bio Mass Silica, <i>International</i>

	<i>Conference on Sustainable Civil Infrastructure</i> , Hyderabad.
2	Nayana Naganagouda Patil, Shivashankar, R. and Rajashekhara Swamy, H. M., (2014) Effect of Interface on Pressure-Settlement Characteristics of Reinforced Earth Retaining Wall. <i>Computer Methods and Recent Advances in Geomechanics – Oka, Murakami, Uzuoka & Kimoto</i> , DOI: 10.1201/b17435-1.
3	Rajashekhar Swamy, H. M. and Krishna Moorthy, (2014) Study of Effect of Pre-Consolidation Pressure by Simulating Plate Load Test using Hypo-elastic Model for Soil, <i>SASTECH J.</i> , 13(2), pp. 9-12.
Department: Computer Science and Engineering	
1	Rinki Sharma, Shreyas K. Gupta., Suhas, K. K. and Srikanth Kashyap, G., (2014) Performance Analysis of Zigbee based Wireless Sensor Network for Remote Patient Monitoring, <i>CSNT 2014 Fourth IEEE International Conference on Communication Systems and Network Technologies</i> , Bhopal.
2	Rinki Sharma, Uma Shankar, J. and Rajan, S. T., (2014) Effect of Number of Active Nodes and Inter-node Distance on the Performance of Wireless Sensor Networks, <i>Fourth IEEE International Conference on Communication Systems and Network Technologies</i> , Gwalior.
3	Gangadhar, N. D. and Binu, V., (2014) A Cloud Computing Service Level Agreement Framework with Negotiation and Secure Monitoring, <i>Proceedings of the 2014 IEEE International Conference on Cloud Computing for Emerging Markets (CCEM 2014)</i> , Bangalore, pp. 57-64.
4	Ankush Laxman and Tracy Austina, Z., (2014) Design and Stimulation of a Car Anti-Hijacking System, <i>SASTECH J.</i> , 13(1), pp. 1-7.
5	Bheema Rao, M. P., Sanket Dessai and Gangadhar, N. D., (2014) Design and Implementation of an Efficient Wireless Sensor Network based Traffic Monitoring System, <i>SASTECH J.</i> , 13(1), pp. 8-15.
6	Darshan, A. S., Mahir, M. M., Mayur, R., Nilkanth Singha, Vinutha Avaradhi and Sanket Dessai, (2014) Design and Development of Low Cost Navigation and Security System for India Fishermen, <i>SASTECH J.</i> , 13(2), pp. 13-16.
Department: Electronics and Communication Engineering	
1	Varun, D., (2014) Design and Analysis of 2 GHz 130nm CMOS Cascode Low Noise Amplifier with Integrated Circularly Polarized Patch Antenna, <i>International J. of Circuits and Architecture Design</i> , 1(3).
2	Viswanath K. Reddy and Swaroop Laxmeshwar, (2014) Design and Development of Low Cost Automatic Parking Assistance System, <i>IJCA Proceedings for ICICT</i> , pp. 17-22.
3	Preetham Shankpal, Varun Arur, Govind Kadambi and James Shuttleworth, (2014) A Generalized Approach for Computation of Near Field Radiation Pattern of an Antenna, <i>International J. of Antennas and Propagation</i> , http://dx.doi.org/10.1155/2014/958148 .
4	Preetham Shankpal, Varun Arur, Govind Kadambi, Karthikeyan, B. R. and James Shuttleworth, (2014) A Novel Approach for Near-field Beamforming, <i>International J. on Communications Antenna & Propagation</i> , 4(3), pp. 64-76.
5	Zakiyannusa, Sanket Dessai, Karthikeyan, B. R. and Sundarshan Rao, (2014) Matrix Pencil Method and FFT based Embedded Condition Monitoring of Rotating Machine, <i>SASTECH J.</i> , 13(1), pp. 16-23.
6	Sreeja Chakingal and Chandramohan, P., (2014) Design of Ultra Low Drop-out Regulator for Audio Devices, <i>SASTECH J.</i> , 13(2), pp. 17-20.
7	Punithavathi, D., (2014) Area Efficient Anti-Symmetric FIR Filter, <i>EDN</i>

	<i>Magazine(Article).</i>
Department: Mechanical & Manufacturing Engineering	
1	Vijaya Kumar, S., Mani, V. G. S. and Devraj. N., (2014) - Production Planning and Process Improvement in an Impeller Manufacturing Using Scheduling and OEE Techniques, <i>J. of Procedia Materials Science</i> , vol. 5, pp. 1710-1715.
2	Nithin Venkataram, Mahesh, N. S., Prashantkumar, V. K. and Kumaraswami, (2014) Process Parameter Selection for Resistance Spot Welding Through Thermal Analysis of 2mm CRCA Sheets, <i>J. of Procedia Material Science</i> , vol. 5, pp. 369-378.
3	Anil Kumar, S. and Arup Bhattacharya, (2014) Fatigue Crack Growth Prediction Around Cold Expanded Hole Using Finite Element Method, <i>J. of Procedia Material Science</i> , vol. 5, pp. 316-325.
4	Sandeep, N., Suresh, V. and Suresh, A., (2014) Lean Six Sigma Simulation an Integrated framework for Improvement of Turnaround Time in an Automotive Company, <i>International Conference on Advances in Manufacturing and Materials Engineering (AMME)</i> , Chennai.
5	Anil Kumar, S. and Mahendra Babu, N. C., (2014) Numerical Simulation of Cold Expansion of Cut-Out with Semi-Circular Ends, <i>International Conference on Advances in Design and Manufacturing (ICAD&M)</i> , NIT, Tirchy, vol. 1, pp. 219-223.
6	Nithin Venkataram, Arun R. Rao and Yadavalli Saikrishna, (2014) Design and Development of a Mechanical Gripper for Apple Loading Application, <i>International Conference on Advances in Design and Manufacturing (ICAD&M'14)</i> , NIT, Tirchy, vol. 1, pp. 311-315.
7	Balappa, B. U., Anil Kumar, S. and Krishna, (2014) Design and Development of Ragi-Thresher and De- Husking Machine, <i>International Conference on Advances in Design and Manufacturing (ICAD&M)</i> , NIT, Tirchy, vol. 2, pp. 854-857.
8	Jaikumar, B. H., Raja Hussain and Satish, S. N., (2014) Reduction in Finish Match Grinding Cycle Time of Valve Cone through Process Optimization, <i>Applied Mechanics and Materials</i> , vol. 446-447, pp. 536-543.
9	Sidhun, M. K., Vijaya Kumar, S. and Ravish Hegde, (2014) Implementation of FIFO Inventory Control Technique in a Fluid Transmission Unit, <i>XVIII Annual International Conference of the Society of Operations Management (SOM)</i> , IIT Roorkee, pp. 524-531.
10	Arvind Jeevannavar and Raja Hussain, (2014) Process Modelling, Simulation and Experimental Validation for Prediction of Chip Morphology During High Speed Machining of AL 2024-T3, <i>SASTECH J.</i> , 13(1), pp. 80-87.
11	Aravinda, H. K., Mahesh, N. S. and Krishna Mohan, D., (2014) Cost Reduction in Aircraft Hydraulic Actutators through VAVE Techniques, <i>SASTECH J.</i> , 13(1), pp. 88-95.
FACULTY OF MANAGEMENT AND COMMERCE	
Department: Management Studies	
1	Lokesh, A. C., Mahesh, N. S., Balakrishna Gowda and Peter White, (2014) Sustainable Biofuel Strategy in Karnataka State a Review, <i>International Conference: Sustainable Energy Use and Management</i> , Targu-Jiu, Romania.
2	Srinivas, K. S. and Suresh, N., (2014) Impact of Trends in Indian Pharmaceutical Industry on Training & Development Practices and Birth of Innovative Approaches, <i>International J. of Management and Social Science Research Review</i> ,1(2), pp. 95-103.

3	Teena Bhardwaj and Suresh, N., (2014) The Role of 'Convenience of Shopping' In Enhancing Consumer's Perceived Value, Satisfaction and Loyalty at Apparel Stores in Bangalore, <i>International J. of Management and Social Science Research Review</i> , 1(3), pp. 98-109.
4	John Jasper, C., Shilpa, R. G. and Singaravelu, P. S., (2014) Development of Project Information Systems for an Engineering Procurement Construction (EPC) Company, <i>SASTECH J.</i> , 13(1), pp. 96-103.
5	Jagannathan, U. K., (2014), Testing for the Weak form of Market Efficiency in Bombay Stock Exchange, <i>SASTECH J.</i> , 13(1), pp. 104-108.
6	Lokesh, A. C., Mahesh, N. S., Balakrishna Gowda and Peter White, (2014) Study on Sustainability of Madhuca Biodiesel, <i>SASTECH J.</i> , 13(1), pp. 109-114.
7	Uday Kumar Jagannathan and Suresh, N., (2014) Risk / Return of Major India Stock Indices, <i>J. of Management & Commerce</i> , 1(1), pp. 1-4.
8	Prasanna Kumar, J. P., (2014) Reasons to Stay on the Job by Employees of Five Star Hotels in Bangalore - Employee Statement vs HOD Perception - A Gap Analysis, <i>J. of Management & Commerce</i> , 1(1), pp. 9-14.
9	Teena Bhardwaj and Suresh, N., (2014) A Study on 'Convenience of Shopping' in Apparel Sector, <i>J. of Management & Commerce</i> , 1(1), pp. 23-27.
10	Sharath Kumar, K. M., Narahari, H. K. and Nicholas Wright, (2014) Development of Proactive Risk-Predictive Model for 4PL Transaction Centre using PLS Regression and Neural Networks, <i>IUP Journal of Supply Chain Management</i> , 11(1), pp. 36-51.
Department: Commerce	
1	Rakesh C., (2014) PEST Analysis for Micro Small Medium Enterprises Sustainability, <i>J. of Management & Commerce</i> , 1(1), pp. 18-22.
Department: Hospital Administration	
1	Vidya, G. S., Narendranath, V., Asha and Babitha Rajan, (2014) Epidemiology of Hospital Acquired Infections among Patients Admitted in a Tertiary Care Hospital, Bangalore, <i>J. of Management & Commerce</i> , 1(1), pp. 15-17.
FACULTY OF ART & DESIGN	
Department: Industrial Design	
1	Navaneeth, K. G., Sharath S. Shirsi and Srinivasa, (2014) Design of a Range of Toys for Visually Impaired Children of 4-7 year Age Group, <i>SASTECH J.</i> , 13(1), pp. 46-54.
2	Saravanan, D., Lohit, H. S. and Vignesh Ravaichandran, (2014) Design and Development of a Manually Operated Agarbatti Powder Mixer for Micro Enterprises in India, <i>SASTECH J.</i> , 13(1), pp. 55-63.
3	Prashant, Y., Gopinath, C. and Vignesh Ravichandran, (2014) Design and Development of Coconut Fiber Extraction Machine, <i>SASTECH J.</i> , 13(1), pp. 64-72.
4	Prasanna, S., Lohit, H. S. and Dileepa, C., (2014) Design and Development of a Range of Device Utilizing Energy from Human Footfalls, <i>SASTECH J.</i> , 13(1), pp. 73-79.
Department: Fashion Design	
1	Mamatha, G. H., (2014) Eco - Designing for the Future Fashion, <i>Apparel Views</i> , 13(12), pp. 58-59.
FACULTY OF SCIENCE AND HUMANITIES	
Department: Mathematics	
1	Chandankumar, S., Mahadeva Naika, M. S. and Hemanthkumar, B., (2014) On Some New Modular Relations for a Remarkable Product of Theta-functions, <i>Tbilisi</i>

	<i>Mathematical J.</i> , 7(1), pp. 55-68.
2	Mahesha Narayana, Kameswaran, Peri K., Shaw, S. and Sibanda, P., (2014) Heat and Mass Transfer from an Isothermal Wedge in Nano Fluids with Soret Effect. <i>Eur. Phys. J. Plus</i> , http://dx.doi.org/10.1140/epjp/i2014-14154-7 .
3	Mahesha Narayana, Sandile, S., Motsa and Precious Sibanda, (2014) Multistep SLM Solution of a Chaotic System due to Magneto Convection in a Two Dimensional Rectangular Box, <i>Proceedings of 59th Congress of ISTAM</i> , Alliance University, Anekal, Bangalore.
4	Shekar, M., (2014) Effect of Variable Viscosity and Thermal Conductivity on Flow and Heat Transfer in a Vertical Channel, <i>Proceedings of 59th Congress of ISTAM</i> , Alliance University, Anekal, Bangalore.
Department: Chemistry	
1	Murari, S. K., Mallesha, H., Vishwanath, B. S. and Rangappa, K. S., (2014) Transcription Factor Regulators as Anti-Diabetic Drugs: Design, Synthesis and Characterization of Small Molecules and Peptides as Anti-Diabetic Drugs, <i>10th Karnataka Science Congress, University of Mysore, Mysore</i> , pp. 225-226.
2	Niranjana Prabhu, T. and Demappa, T., (2014) Mechanical, Thermal and Flame Retardant Performances of Epoxy-Polypropylene Short Fibers - Clay Ternary Composite Hybrids, <i>10th Karnataka Science Congress, University of Mysore, Mysore</i> , pp. 226-227.
Department: Physics	
1	Bhaghyesh, Vijaya Kumar, K. B. and Monteiro, A. P., (2014) Charmonium Properties in a Screened Potential Model, <i>Proc. of DAE Symposium on Nuclear Physics, Banaras Hindu University, Varanasi</i> , vol. 59, pp. 652-653.
2	Sathyanarayana Bhat, P., Asha Rao, Ganesh Sanjeev, Suresh. E. Pttanavetil and Mukesh Kumar, (2014) 10MeV Electron Irradiation Effects on Ga In P/Ga (In) As/Ge Multi Junction Solar Cells, <i>Souvenir of 4th International Science Congress, Pacific University, Udaipur, Rajasthan</i> .
Humanities	
1	Sharmila, R. and Manjappa D. Hosamane, (2014) An Empirical Analysis of Total Factor Productivity Growth of Manufacturing Sector in Karnataka, <i>J. of Management & Commerce</i> , 1(1), pp. 5-8.