

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

List of Publication for the year 2013

FACULTY OF ENGINEERING & TECHNOLOGY	
Department: Automotive & Aeronautical Engineering	
1	Sriram, A. T. (2013) Numerical Study of Swirl of Radial Jets of a Model Can-Type Combustor. <i>23rd National Conference on I.C. Engine and Combustion (NCICEC 2013)</i> ; SVNTT, Surat.
2	Shedambi, P. P., Sriram A. T. and Pathan, R. R. (2013) Numerical Simulations of Onset of Flutter for AGARD 445.6 Wing Planform. <i>Proceedings of the Fortieth National Conference on Fluid Mechanics and Fluid Power</i> ; NIT Hamirpur; December 12-14, 2013.
3	Asgar, A. K., Nagpurwala Q. H., Nassar, A. and Ramanamurthy, S. V. (2013) Numerical Studies on the Effect of Tip Clearance and Tip Cooling Flow on Endwall Losses of an Unshrouded Axial Turbine Rotor. <i>ASME GTINDIA2013 Conference</i> , NAL, Bangalore.
4	Ranjanagi, S., Nagpurwala, Q. H. and Subbaramu, S. (2013) Numerical Studies on the Effect of Design Trim on Aerodynamic Performance of a Micro Propeller For MAV Application. <i>ASME GTINDIA2013 Conference</i> ; NAL, Bangalore.
5	Subbaramu, S., Nagpurwala, Q. H. and Sriram, A. T. (2013) Effect of Trailing Edge Crenulation on the Performance and Stall Margin of a Transonic Axial Compressor. <i>ASME GTINDIA2013 Conference</i> ; NAL, Bangalore.
6	Mithun, S. K., Umesh, S. and Pathan, R. R. (2013) Conceptual Design of Motor Cycle Helmet to Meet the Requirement of Thermal Comfort, Ergonomics and Safety. <i>SASTech Journal</i> , 12, No. 1, pp. 65-71.
7	Devaiah, B. N. and Umesh, S. (2013) Enhancement Of Aerodynamic Performance of A Formula-1 Race Car Using Add-On Devices. <i>SASTech Journal</i> , 12, No. 1, pp. 72-79.
8	Sathish Kumar, B., Banthia, V. K. and Ray, A. K., (2013) Design of Three Wheeler Vehicle for Physically Challenged People. <i>SASTech Journal</i> , 12, No. 1, pp. 80-89.
9	Lohith, K., Shankapal, S. R. and Monish Gowda, M. H. (2013) Development of Four Wheel Steering System for a Car. <i>SASTech Journal</i> , 12, No. 1, pp. 90-97.
10	Kiran, V. R., Banthia, V. K. and Suman M. L. J., (2013) Redesign of Rear End of a Car to Minimise Whiplash Injury. <i>SASTech Journal</i> , 12, No. 2, pp. 35-40.
11	Pramodh, C. M. and Shankapal, S. R. (2013) Regenerative Shock Absorber for Hybrid Cars. <i>SAS Tech Journal</i> . 12, No. 2, pp. 41-45.
12	Philip, T. K., Sivapragasam, M. and Vignesh R. (2013) Design of an Automotive Headlamp Considering Style and Performance. <i>SAS Tech Journal</i> , 12, No. 2, pp. 46-51.
Department: Computer Science and Engineering	
1	Rinki Sharma, Kadambi, G. R. and Mukundan, K.N., (2013) Method for Handling Collisions of Broadcast Packets due to Hidden Node Problem. ACM SIGBED.
2	Rinki Sharma, Kadambi, G. R., Vershinin Y. A. and Mukundan, K.N. (2013) A Survey of MAC Layer Protocols to Avoid Deafness in Wireless Networks Using Directional Antenna. Book Chapter; IGI Global.
3	Thriveni, H.B., Manoj Kumar G. and Rinki Sharma (2013) Performance Evaluation of Routing Protocols in Mobile Ad-Hoc Networks with Varying Node Density and Node Mobility - <i>International Conference on Communication Systems and Network Technologies, 2013</i> ; Bhopal.

4	Gopinath, T., Rathan Kumar, A.S. and Rinki Sharma (2013) Performance Evaluation of TCP and UDP over Wireless Ad-hoc Networks with Varying Traffic Loads. International Conference on Communication Systems and Network Technologies, 2013; Bhopal.
5	Ranganathan, O. and Abdul Imran Rasheed (2013) Design and Development of Camera Interface Controller with Video Pre-Processing Modules on FPGA for MAVS. <i>SASTech Journal</i> , 12, No. 1, pp. 9-14.
6	Sheril Nagoor and Narasimha Murthy, K. R. (2013) Design and Implementation of an Intrusion Tolerant Web Server. <i>SASTech Journal</i> , 12, No. 1, pp. 36-42.
7	Chethan Kumar, M. and Sanket Dessai (2013) Design, Implementation and Optimisation of 4x4 MIMO-OFDM Transmitter for communication systems. <i>SASTech Journal</i> . 12, No. 2, pp. 52-56.
8	Manju, S. T. and Sanket Dessai (2013) Design, Implementation and Optimisation of 4x4 MIMO-OFDM Receiver for communication systems. <i>SASTech Journal</i> . 12, No. 2, pp. 57-61.
9	Sreenath, S., Narasimha Murthy, K. R. and Chandan, N., (2013) Design and Development of a Validation Framework for ECG Device Stabilisation. <i>SASTech Journal</i> . 12, No. 2, pp. 62-68.
10	Dessai, S. & Vutukuru, K. B. (2013) Design and Development of Stream Processor Architecture for GPU Application Using Reconfigurable Computing. <i>International Journal of Reconfigurable and Embedded Systems</i> , 2(1).
Department: Electronics and Communication Engineering	
1	Giridharan and Ugra Mohan Roy (2013) Design and Development of Cost Effective General Purpose FPGA Board. IPC APEX India, 2013; Bangalore.
2	Bhavya, M and Ugra Mohan Roy (2013) Design and Implementation of Position Controller for Electro Hydraulic Drives in Turbine control System. IEEE ISPPC; Shimla.
3	Ugra Mohan Roy, Malathi, S. and Kadambi, G. R. (2013) Analytical Study on the Butt-coupling Co-efficient for the Optical Micro-Ring Resonator. WRAP 2013; IIT Delhi.
4	Divya Kiran, Abdul Imran Rasheed and Hariharan R. (2013) FPGA Implementation of Bolb Detection Algorithm for Object Detection in Visual Navigation. <i>International Conference on Circuits, Controls and Communications (CCUBE 2013)</i> ; Bengaluru.
5	Shankardas Deepti Bharat, Abdul Imran Rasheed and Viswanath K. Reddy (2013) Design and ASIC Implementation of Image Segmentation Algorithm for Autonomous MAV Navigation. <i>IEEE Second International Conference on Image Information Processing (ICIIP -2013)</i> .
6	Aditya, K. P, Viswanath K. Reddy and Hariharan, R. (2013) Enhancement Technique for Improving the Reliability of Disparity Map Under Low Light Condition. <i>2nd International Conference on Innovations in Automation and Mechatronics</i> .
7	Subash John, Abdul Imran Rasheed and Viswanath K. Reddy (2013) ASIC Implementation of Fuzzy-PID Controller for Aircraft Roll Control. <i>IEEE Conference on Circuits, Control and Communication (CCUBE 2013)</i> ; Bengaluru.
8	Santhosh Kumar, S., Preetham Shankpal, Prashanth, K. R., Saima Mohan, Narasimha Reddy, Kadambi, G. R. and Shankapal S. R. (2013) Simulation Studies on Horn and Schunck Optical Flow Algorithm and Focus of Expansion for Autonomous Navigation of Unmanned Vehicles. <i>SASTech Journal</i> , 12, No. 1, pp. 20-30.
9	Prashanth, K. R., Preetham Shankpal, Nagaraja, B., Kadambi, G. R. and Shankapal S. R. (2013) Real Time Obstacle Avoidance and Navigation of a Quad-Rotor Mav Using Optical Flow Algorithms. <i>SASTech Journal</i> , 12, No. 1, pp. 31-35.
10	Rashmi, S. N. and Tejaswini, M. S. (2013) Development of Verification IP of Lin Controller Using Verification Methodology Manual. <i>SASTech Journal</i> , 12, No. 1, pp. 58-64.

11	Reddy, V. K., Kadambi, G. R. & Shankapal, S. R. (2013) Adaptation of Heading Angle for Continuous Visibility of Tracks in Geographical Track Following Applications. Paper presented at the International Conference on Intelligent Systems and Signal Processing (ISSP-2013), Gujarat, March 2013.
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Department: Mechanical & Manufacturing Engineering

1	Ravikumar, M., Saleem Khan, Mahesh, N.S., Udaya Kumar, P.A. and Raja Hussain (2013) Development of Friction Welding for Joining of Dissimilar High Temperature Alloys. <i>CAE 2013 conference</i> ; IIT Madras; Chennai.
2	Hemanth, R., Mahesh, N. S. and Muralidharan M. S. (2013) Reducing Material Cost in Fabricated Parts for Two Wheelers through Value Analysis Technique. <i>SASTech Journal</i> , 12, No. 1, pp. 43-50.
3	Karthik, B. S. and Ajit Kumar B. S. (2013) Reduction in Lead Time of Machined Hot Forged Rails to Bosch through Supplier Development. <i>SASTech Journal</i> , 12, No. 1, pp. 51-57.
4	Papineni Satheesh, Mahesh, N. S. and Bikas Musib (2013) Development of Forging Process for Synchronized Ring through Numerical Simulation. <i>SASTech Journal</i> , 12, No. 2, pp. 1-8.
5	Prabhakar, P., Parameshwaran, M. and Anil Kumar, S. (2013) Weight Reduction of Planetary Gearbox Pedestal Using Finite Element Analysis.
6	Anand, A. S., Ramdas Chandrashekar and Prasanna Chander (2013) Design and Implementation of Lean Line Concept in PE-Pump Assembly Line. <i>SASTech Journal</i> , 12, No. 2, pp. 21-26.

FACULTY OF ART & DESIGN

Department: Industrial Product Design

1	Sooraj, T., Lohit, H. S. and Vignesh Ravichandran (2013) Design of Learning Aids for Children with Down Syndrome. <i>SASTech Journal</i> , 12, No. 1, pp. 98-107.
2	Vinay, K. B., Srinivasa and Balappa, B. U. (2013) Design of a Water Storage and Purification System for Rural India. <i>SASTech Journal</i> , 12, No. 2, pp. 73-82.
3	Shammy, V. S., Srinivasa and Lohit, H. S., (2013) Design and Development of A Low Cost Air Cooler. <i>SASTech Journal</i> , 12, No. 2, pp. 83-89.
4	Anuraj, N. P., Srinivasa and Vignesh Ravichandran (2013) Design of a Food Trolley for Hospitals in India – <i>SASTech Journal</i> , 12, No. 2, pp. 90-98.

FACULTY OF MANAGEMENT AND COMMERCE

Department: Management Studies

1	Tricia Quincy Lobo, Sharath Kumar, K. M. and Ravikumar K. (2013) Development of Direct Material Inventory Optimisation Model for a Bus Manufacturing Industry. <i>SASTech Journal</i> , 12, No. 2, pp. 13-20
2	Raghavendra Ramappa, Sharath Kumar, K. M. and Ashoka K. Nairy (2013) Improvement of Material Feeding System for an Excavator Assembly Line through Lean Principles. <i>SASTech Journal</i> , 12, No.2, pp. 27-34.
3	Devakumar, G. (2013) An Empirical Study on Customer Satisfaction with Special Reference to Domestic Sector Pumps. <i>The IUP Journal of Marketing Management</i> , Volume XII, No.1, pp. 25-39.

FACULTY OF HOSPITALITY MANAGEMENT AND CATERING TECHNOLOGY

1	Linda Nalini Daniel. and Alamelumangai, R., (2013) Employee Perception of Service Quality: A comparison between Public Sector Banks and Private Sector Banks in Karnataka, India, <i>Annamalai International Journal of Business Studies and Research (AIJBSR)</i> , November 2013, 5 (1), pp. 68 – 78.
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2	Linda Nalini Daniel. (2013) Foreign Presence in Bank Credit in India, <i>International Conference on Cross Cultural Management in Global Business</i> , Acharya Bangalore B-School (ABBS), India and Daito Bunka University (DBU), Tokyo, Japan.
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