

CONFERENCE PUBLICATIONS

Department of Physics

1. Veena, E., Kasturi, V., Bangera., **Shivakumar, G. K.** Effect of substrate temperature on the structural and electrical properties of spray deposited lead sulfide thin films. *Materials Today: Proceedings*, 2225-2231 (2016).
2. Santhosh T.C.M., Kasturi V.Bangera, **G.K.Shivakumar.** Preparation of vacuum deposited cadmium selenide thin films for optoelectronic applications. . *Materials Today: Proceedings*, 2220-2224 (2016).
3. **Shobha R. Prabhu**(2015). “Synthesis, Crystal Growth and Characterization of a Novel Chalcone Crystal” National Conference on Condensed Matter Physics and Applications held at Manipal Institute of Technology, Manipal University, Manipal 27th – 28th March.
4. **Manjunatha K.B,** Seetharam Shettigar, Ravindra Rajarao, G. Umesh and B. Ramachandra Bhat, (2012). “Investigation of Nonlinear Optical and All – Optical Switching Properties of Novel Ruthenium Complex.” International Conference on Fiber optics and Photonics OSA.
5. **K.B. Manjunatha,** Shelar Vikas Manohar, Seetharam Shettigar, G. Umesh,(2010). “Third – Order Nonlinear Optical Power Limiting Studies on Amino Substituted Chalcones .” International Conference on Recent Trends in Materials and Characterization 14-15- February.pp-320-324.
6. Seetharam Shettigar, **Manjunath KB,** G.Umesh, B.K. Sarojini,B. Narayana, K.P.Kamath,(2010). “Third Order Nonlinear Optical Properties of Conjugated p-Bromophenyl Deriv aties.”International Conference on fabric option and photonics, Dec 11-15.pp-1-4

Department of Civil Engineering

7. Deepa S., Venkatesh S.V., **I.R.Mithanthaya.** A Comparative Study of 15 Storeys 2 X 3 Bays with and without Stepped Shear Wall, *In Proceedings of National*

Conference- Innovation for Sustainability (CEC-2016), NIT, Hamipur, Himachal Pradesh, 9th-10th September, 2016.

8. **Marathe, S., Rao, N. & Shetty, U.** Geo-Polymer Sea Sand Cubes Filled Gabions for Preventing Sea Erosion. *In International Symposium on Lowland Technology(10 ISLT-2016) (International association of lowland technology (IALT), National institute of technology Karnataka, Institute of lowland and marine research (ILMR), Saga University, Japan, 419-424, 2016.*
9. **Shenoy R, Sundip and Shaikh Kabeer Ahmed.** A study on effects of copper slag as partial replacement to fine aggregate in cement concrete. National Conference on *Contemporary Construction Engineering Practices And Techniques - Concept 2016.* MIT MANIPAL: N.p., 2016. 31-37.
10. **Thangamani, R., Radhakrishnan, K.** Water Quality Index of Karkala Municipality Karnataka. International Conference on Emerging Trends in Engineering – ICETE, NMAMIT, Nitte. 2016 on 12th & 13th May, 5(5), 1-6, (2016) DOI:10.15680/IJRSET.2016.0506501
11. **Udaykumar G, S.G. Mayya, Samson O. Ojoawo,** (2015). “Estimation of Lateral Subsurface Flow in Lateritic Formations Using Well Hydrograph Analysis.” International Conference on Water Resources, Coastal and Ocean Engineering (ICWCOE) Aquatic Procedia 4, 1062-1069.
12. **N. Bhavanishankar Rao,** Ramlan Althameez and Albert man Roy. “Geopolymer Concrete Using Industrial Waste Materials.”
13. **Samason O. Ojoawo,**(2104). “The flexibility and versatility of System Dynamics Technique in Optimization of Sewer Effluents in Optimization or Sewer Effluent in NMAMIT Nitte, India.” Vol. 5, Special Issue ISSN. No. 0976-558, pp-217-226.
14. S.O.Ojoawo and **G. Udayakumar,** (2014). “An Investigation on Trace Metals as Pollution Indices in the Municipal Wastewater of Nitte, Udupi District, India.” ISBN: 978-93-84209-06-3, pp-33,

Department of Mechanical Engineering

15. Satheesh Kumar, N, **Shrinivasa Rao, B.R, Srinivasa Pai, P.** Radial basis function neural network (RBFNN) based modelling in LPG-Diesel dual fuel engine with EGR. *International conference on Advanced Materials, Manufacturing and Thermal sciences, S.I.T., Tumkur, Sep 23-24 (2016)*

16. Satheesh Kumar,N, **Shrinivasa Rao, B.R, Srinivasa Pai, P.** Comparison clustering algorithms for RBFNN Modeling of LPG-Diesel dual fuel engine power prediction. *International conference on Recent Trends in Engineering and Technology (ICoRTET'16), Kochi, India, October 2016*
17. **Pai,S.P.**, Optimized Radial Basis Function Neural Network Model for Wind Power Prediction. *Second International Conference Cognitive Computing & Information Processing*, Sri Jayachamarajendra College of Engineering Mysuru. August 12-13, pp.18 (2016).
18. Anil Prashanth Rodrigues, **Grynal D' Mello** and **Srinivasa Pai**. Surface Roughness Evaluation in High Speed Turning of Ti – 6Al-4V Using Vibration Signals. *International Conference on Advanced Materials & Technology*, 26th to 28th May (2016). 230-231
19. **Vishwanatha J.S, Srinivasa Pai P** and **Gryanal D'Mello**. Wavelet Transform Based Evaluation of Surface Image in High Speed Turning of Ti – 6Al-4V. *International Conference on Advanced Materials & Technology*, 26th to 28th May (2016).231-232
20. Fang N., **Srinivasa P Pai**, Edwards N. Multidimensional signal processing and modeling with neural network in metal machining: cutting forces, vibrations, and surface roughness. *International conference on communication software and networks*, 77-80 (2016).
21. **Vishwanatha, J.S., Srinivasa, Pai,P., Gryanal, D'Mello**. Wavelet Transform Based Evaluation of Surface Image in High Speed Turning of Ti – 6Al-4V. *International Conference on Advanced Materials & Technology* 231-232, (2016) 26th to 28th May.
22. **Ajit M Hebbale**, Srinath M S., Microstructural Characterization of Ni based Cladding on SS-304 Developed through Microwave Energy., 4th International Conference on Materials Processing and Characterization, *Materials Today: Proceedings* 2,pp.141-1420,ELSEVIER.(2016)
23. **Rashmi. P. Shetty**. Sathyabhama, A., **Srinivasa ,Pai,P.** Wind turbine power optimization studies using particle swarm optimization. *Proceedings of AECT*, 1-5 (2016)
24. **Gururaj Upadhyaya, K. Subrahmanya Bhat**, (2016). Effect of context factors on correlation between mutual influence among Quality Initiatives and Quality Awards and performance.” *International Conference on Operations Management And Research (ICOMAR) Sdmimd*, Jan 21-22, Mysuru, India, ISBN: 978-93-83302-11-6

25. **Srinivas Pai P., Niranjan N. Chiplunkar, Shrinivasa Rao B. R., K. Subramanya Bhat**,(2016). “Effective use of information and communication technology in enhancing teaching – learning outcomes: Some thoughts.” Third International Conference of Transformations in Engineering Education, January 8 to 12, .Indo-US Collaboration for Engineering Education.
26. Raveena S, Sahil Sharma, **Vishwanatha J S, Srinivasa Pai P** (2015) Surface Roughness Evaluation Using Wavelet Transform in Machining of Ti-6Al-4V.” Proceedings of The 30th National Convention of Production Engineering’ on the Theme “Sustainable Manufacturing” pp.12.1-12.11
27. Sumit Nayak, Vibhav Kumar Choudhary, **Grynal D’Mello, Srinivasa Pai P.** (2015). “Modelling and Optimization of Surface Roughness in High Speed Turning of Titanium Alloy (Ti-6Al-4V).” Proceedings of The 30th National Convention of Production Engineers’ on The Theme “Sustainable Manufacturing”, pp.13-1-13-12.
28. Vasudeva Bhat, **Srinivasa Pai P**, Rounaq Ahmed,(2015). “Gear Fault Diagnosis Using Hoelder Exponent.” A National Level Student Conference ISBN:- 978-81-930416-1-1, pp. 1-4
29. Puneet N P, **Srinivasa Pai P, Grynal D’Mello**,(2015). "Multi Objective Objective Optimization Studies In High Speed Turning Of TI – 6AL – 4V."A National Level Student Conference ISBN:- 978-81-930416-1-1,pp. 8-11.
30. **Shashikantha Karink.** Algorithms a, Yathin K, Satyapriya C. R (2015). “Use of mobile learning in academics- a myth or a reality – an analysis through review and case study.” 2- Day International Conference on Building Knowledge Centres, NMAMIT, 1-2 Jan 2015, ISBN 978-93-84743-80-2
31. **Shashikantha Karinka** (2015). “A Conceptual Study of Continuing Educational Programmes in some Indian Industries in the Globalized World.” International Conference on Higher Education: Special Emphasis on Management Education, 29th – 30th March, ISBN 978-93-5196-889,pp-1-18.
32. Naga Vamsi Krishna Jasti and **Shashikantha Karinka** (2015). “Case Study of Crank Shaft Manufacturing Cost Reduction through Tool Cost Reduction.” International Engineering Post Graduate Research Conference (ENGGPOS -2015) - Karpagam University, Combustion 12-13th March. ISBN 978-93-84743-55-0, PP-124.128.
33. C.R. Sathyapriya and **Shashikantha Karinka** (2015). “A Review of Optimum Tilt Angle for Maximum Radiation in Photovoltaic Power Generation.”

International Engineering Post Graduate Research Conference (ENGGPOS -2015)
- Karpagam University, Combustion 12-13th March. ISBN 978-93-84743-55-0, PP-30.34.

34. **Srinivas Pai P, Niranjan N. Chiplunkar, Shrinivasa Rao B R., K. Subrahmanya Bhat,**(2015). “ Undergraduate students’ research : A case study of their experience and perceptions in an Autonomous Institution.” International Conference on Transformations in Engineering Education, ISSN: 2394-1707, pp. 395-400.
35. Ravi Keethi C, **Vishwanatha J.S, Srinivasa Pai P.**(2014). “Wavelet Transform based Roughness Evaluation of Machined Surface Using Computer Vision.” International Conference on Emerging Trends in Engineering, nitte 15th – 17th May, Pp. 243.
36. **Grynal D Mello, Srinivasa Pai P,** (2014). “Prediction of Surface Roughness In High Speed Machining: A Comparison.” International conference of Research in Engineering and Technology, eISSN: 2319-1163/pISSN:2321-7308, Volume : 03 Special Issue : 03.pp-519-525.
37. **Srinivas Pai P, Niranjan N. Chiplunkar, Shrinivasa Rao B R., K. Subrahmanya Bhat,**(2014). “ Understanding the influence of Faculty research on Student’s learning and performance.” 44th Annual National convention of ISTE.pp-201-204.
38. **Venugpal. T. R., Muralidhara, Rathnamala Rao,**(2014). “Development of micro – EDM Incorporating In – Situ Measurement System.” Procedia Material Science 5 pp.1897-1905.
39. N. Satheesh Kumar, **Srinivasa Pai P, Shrinivasa Rao B. R.**(2014). “ANN Modeling of Performance and Emission Parameters in a LPG – Diesel Dual Fuel with EGR.” International Mechanical Engineering Congress-pp-488-492.
40. **Vishwash B., Srinivasa Pai P., Vijay G. S.,** (2014). “S – transform and Non – negative Matrix Factorization (NMF) based Feature Extraction for Gear Condition Monitoring.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. pp.142-146.
41. Ashitha, **Muralidhara,**(2014). “Design, Fabrication and Testing of Compact Liquid Heat Sink Based on Peltier Cooler.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. pp.206-210.
42. Melwyn R. Castelino, **Kumar H.S., Srinivasa Pai. P** and Vijay G.S.,(2014). “Artificial Neural Network based Vibration Signal Analysis of Rotary Machines –

Case Studies.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. Pp.211-222.

43. B. Karthikeya Kamath, Sang – Ho Hyon and **Muralidhar**,(2014). “Design and Development of an Anthropomorphic Foot for Humanoid Robot.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. Pp.223-229.
44. Shravan Jodalli, Sachin Verma and **Grynal D Mello**,(2014). “ Static Analysis and Analysis of Random Vibration Life of Rotary Structural Frame for Radar Antenna.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. pp.163-167.
45. Ravikiran Kamath, H.C.Chittappa and **Nithin Kumar**, (2014). “Electroless Nickel Coating of Short Carbon Fiber.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. pp.169-173.
46. Sarathraj R.L. and **A.K. Somayaji**,(2014). “ Modelling and Analysis of Mangalore Clay Roofing Tile.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. Pp. 174-179.
47. Sudhir S. Sajjian, Raj Kumar Shetty, and **Nithin Kumar**,(2014). “Analysis and Kinematic Behaviour of the Rear Twist Beam Suspension Using FEA.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. Pp.180-184.
48. Ganesh R. Navad, N Yagnesh Sharma and **Narasimha Marakala**,(2014). Contact stresses in the Fir – Tree Region of a Turbine Blade using Finite Element Analysis.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. Pp..185-188.
49. Vishwanath K.M, Girish M. Gouda and **Sudesh Bekal**,(2014). “Study on Preparation and Characterization of Thin Film Materials.” International Conference on Emerging Trends in Engineering, ISBN: 978 – 93-83083-80-0. Pp.201-205.
50. **Vishwash B, Srinivasa Pai P**, N.S. Sriram, Rounaq Ahmed, **Kumar H.S** and Vijay G S, (2014). “ Multiscale slope feature extraction for gear and bearing fault diagnosis using wavelet transform.” International Conference on Advances in Manufacturing and Materials Engineering , (ICAMME).pp. 1-10.
51. **Srinivasa Pai P.** and **Niranjan N. Chiplunkar**,(2014). “Success Story of Industry Institution Collaboration for Enhancing Teaching Learning Experience.”

International Conference on Transformations in Engineering Education (ICTIEE). pp.95-101

52. **A. Adarsh Rai, Srinivasa Pai P and Shrinivasa Rao BR**,(2014). “Fuzzy Model Optimization of Performance and emission parameters of a Dual Fuel CI Engine.” International Conference on Environment and Sustainable Technologies (ICEST), pp.1-6.
53. Sandesh R. Hegde, Loganathan Muthuswamy, **Muralidhara Rao**, Veerasha Koti, Jane Tellis, Shivam Arora, Vishnu Prasad, Vivek Singh and Prasad Shenoy, (2013). “Design and Development of Structural Sub – System for Twin Nano – Satellite “ STUDSAT-2.” 64th International Astronautical Congress, Beijing, china.by the International Astronautical Federation. Pp. 1-7
54. **Kumar H.S, Srinivasa Pai P**, Sriram N S, Vijay G S, (2013). “ANN based evaluation of performance of wavelet transform for condition monitoring of rolling element bearing.” Science Direct, Procedia Engineering 64 pp. 805-814. Doi: 10.1016/j.proeng.
55. Satish Shankar Amsadi, **Sudesh Bekal**, (2013).“Performance Study of Latent Heat Storage using Aluminum Powder in PCM in a Compact Solar Water Heater.” International Conference on Emerging Trends in Engineering (ICETE-13). 153-159.
56. Shiva Kumar, **P. Srinivasa Pai**, and **B.R. Shrinivasa Rao**,(2013). “ Prediction of Performance and Emission Parameters of a Biodiesel Engine – A Comparison of Neural Networks.” 3rd International Conference on Mechanical, Automotive and Materials Engineering .pp.107-111.
57. Rounaq Ahmed, **Srinivasa Pai P**, N.S. Sriram and Vijay G.S,(2013). “Fast Fourier Transform and Discrete Wavelet Transform for Fault Diagnosis of gear.” International Conference on Emerging Trends in Engineering .pp. 164-168.
58. G. Sujay Kumar, **Ravindra**.(2013) “CFD Simulation of Spark Ignition Engine for Methane using ANSYSICE.” International Conference on Emerging Trends in Engineering.pp.180-184.
59. **Narasimha Marakala**, Appu Kuttan K K. and Ravikiran Kadoli,(2013). “Experimental and Theoretical Investigation of Combined Effect of Fluid and Thermal Induced Vibration on Vertical Thin Slender Tube.” Second International Conference on Emerging Trends in Engineering, ISSN: 2278-1684, pp: 63-68.
60. Divya J., **Srinivasa Pai P, Shrinivasa Rao B. R** and **Aneesh Jose**,(2013). “Performance and Emission Prediction Using Multilayer Perception Neural

Network Model for a Dual Fuel Engine.” International Conference on Emerging Trends in Engineering. 169-174.

61. **Srinivasa Pai. P, Shrinivasa Rao B.R,** and **Nirajan N. Chiplunkar,** (2012). “Effective Research for Improving the Quality of Technical Education: Some Issue and Concerns.” Anurag Engineering Engineers.pp.15.
62. Subramanya S Ager and **Sudesh bekal,**(2012). “Performance Test on Different Phase Changing Material in Solar Thermal Storage System.” International Conference on Emerging Trends in engineering .pp.129-132.
63. Kantesh D.C and **sudesh Bekal**(2012). “Design of a Solar still using Phase changing material as a Storage medium.” International Conference on Emerging Trends in engineering .pp.138-141.
64. Amruth P V, **Shrinivasa Rao. B. R,** and Sheetal Singh, (2012). “Design and performance Study of Experimental Solar Water Heater.” International Conference on Emerging pp.183-187.
65. **Sudesh bekal** and Shetty Sooraj Sudhakar,(2012). “Effect of Bucket Overlap and Air Spacing on the Performance Coefficiency of Multi – Micro Savonius Turbine.” International Conference on Emerging pp.148-149.
66. G.S. Vijay, **Srinivasa P. Pai** and N.S. Sriram,(2012). “Genetic Algorithm based Neural Network for Classfication of Rolling Element Bearing Condition.” National Symposium on Acoustics,pp.463-468.
67. Aravinda K. J, and **Sudesh bekal,** (2012). “Experimental Investigation on Performance of Biostove Using Pongamia Oil.” International Conference on Emerging Trends in Engineering, NMAMIT, Nitte, Karnataka, India, pp.114-116.
68. Anil. K, and **Sudesh Bekal,**(2012). “Performance Study of a Solar Chimney Power Plant with Multiple Materials for Energy Storage.” International Conference on Emerging Trends in Engineering, NMAMIT, Nitte, Karnataka, India, pp.109-128.
69. Adarsh Rai, N. Satheesh Kumar, **Srinivasa Pai P, Shrinivasa Rao B. R,** (2012). Fuzzy logic based Prediction of Performance and Emission Parametes of a LPG – Diesel dual fuel engine.” International Conference on Modeling, Optmization and Computing (ICMOC), SciVerse ScienceDirect, Procedia Engineering, 38, pp. 280-292.
70. **Rashmi P. Shetty, Narasimha Bailkeri, P. Srinivasa Pai** and **B.R. Shrinivasa Rao,** (2012). “ Radial Basis Function Neural Network (Rbfnn) Based Prediction of

Performance and Emission Characteristics in a Dual Spark Plug S.I Engine.” International conference and opportunities in Mechanical Engineering, Industrial Engineering and Management Studies (ACCOMIM) 11-13, July.ISBN 978-93-82338-04-8, pp -560-567.

71. G.S. Vijay, **Srinivas P Pai**, N.S.Sriram, (2012). “Genetic Algorithm based Neural Network for Classification of Rolling Element Bearing Condition.” National Symposium on Acoustics (NSA-) Dec. 5-7, pp.463-468.
72. B.K.N Rao, **P. Srinivasa Pai** and T.N. Nagabhushana, (2012). “Failure Diagnosis and Prognosis of Rolling – Element Bearings using Artificial Neural Networks: A Critical Overview.” 25th International Congress on Condition Monitoring and Diagnostic Engineering IOP Publishing Journal of Physics: Conferences Series 364, doi: 10.1088/1742-6596/364/1/012023.
73. **Narasimha Bailkeri**, Krishna Prasad. S, **Shrinivasa Rao.B.R** and B.S. Samaga, (2012). “Performance Study on Twin Plug Spark Ignition Engine at Different Ignition Timings.” International Journal of Earth Sciences and Engineering ISSN 0974 – 5904, Recent Advances and Challenges in Energy Manipal Institute of Technology, January 4-6, pp.271-275.
74. Ravinarayana Bhat N and **Sudesh Bekal**, (2012). “Performance of Vegetable Oil Lubricated CI Engine on Bio – Fuel.” 2nd International Conference on Advances in Mechanical, Manufacturing and Building Sciences(ICAMB-), held at VIT University, Vellore during 9th to 11th January,
75. **G. Upadhyaya**, K.S.Bhat,(2012). “Quality initiatives: A Literature Review on Relationship, Blending and Scope for Research.”Pp.1-7.
76. **Muralidhara**, Rithesh Baliga B, Gokul R, Gregory Prashanth D ‘Souza, Gireesh Madev Moger,(2012). “Experimental Investigations on Piezoelectric based Prototype Actuator.”
77. Vishwanath K. M, Girish M. Gouda, **Sudesh bekal.**, “Study on Preparation and Characterization of thin film materials.”
78. **Muralidhara**, Rithesh Baliga B, Gokul R, Gregory Prashanth D’Souza and Gireesh Madev Moger, (2012). “Experimental Investigations on Piezoelectric based Prototype Actuator.” Proceedings of International Conference on Intelligent Robotics, Automation and Manufacturing (IRAM), Monash University, Malaysia.

79. G.S. Vijay, **Srinivas P. Pai** and N. S. Sriram, (2012). "Genetic Algorithm based Neural Network for Classification of Rolling Element Bearing Condition." National Symposium Acoustics, 462,468.
80. Ravinarayana Bhat N, **Sudesh Bekal** "Performance of Vegetable Oil Lubricated CI Engine on Bio-fuel – 2nd International Conference on Advances in Mechanical, Manufacturing and Building Sciences (ICAMB-2012), held at VIT University, Vellore during 9th to 11th January 2011.
81. **Mallikappa**, Rana Pratap Reddy, (2011). "Experiment Investigation and Emissions Characteristics of Non-road CI Engine with Cardnol Bio fuel blends." National Conference on Advances in Mechanical Engineering, 03-05 January.
82. Prema V, N K S Rajan, S D Ravi, Pranay Kale, Navneet J, **Narasimha bailkeri**, (2011). "Design & Performance testing of Electrostatic Precipitator applicable for clean Combustion Devices for Producer Gas Application." International Conference on Emerging Trends in Engineering, pp.756-760.
83. **Srinivasa Pai P**, S.Y. Kulkarni, (2011). "Enhancing Research Output in Technical Institutions Through Effective Human Resource Development Strategies." Second State Level Science and Technology Conference, 26-28 May,.
84. Madhwesh N, Mahesh G.T, Krishna Murthy, **Shrinivasa Rao B.R**, (2011). LPG As an Alternative Fuel For Dual Fuel Compression Ignition Engine." Pp.37.
85. **Aneesh Jose**, **Srinivasa Pai P**, **Shrinivasa Rao B.R**, (2011). "Prediction of Performance Characteristics of LPG – Diesel Dual Fuel C.I Engine using Artificial Neural Networks." Pp.1.7.
86. Vijay G.S, **Srinivasa P.Pai**, N.S. Sriram, Raj B.K.N.Rao, (2011). "Bearing Diagnostics – A Radial Basis Function Neural network Approach." Proceeding of the 24th International Conference on Condition Monitoring and Engineering Management, pp-843-852.
87. **Narasimha Marakala**, Suma H, Appu Kuttan K K, and Ravikiran Kadoli (2011). Numerical and Experimental Study on Transient Response of A Vertical Thin Sender Tube subjected to Internal Surface Heating." National Conference on Advances in ,03-05 January, Dept of Mechanical of Mechanical & Manufacturing Engineering MIT Manipal.
88. **Srinivas Pai P**, **Subrahmanya Bhat K**, **Shrinivasa Rao B.R**, (2010). "Entry of Foreign Universities to India: Issues and Challenges Ahead." 40th ISTE National

Annual Convention, Dec. 2-4, Mepco Schlenk Engineering College, Sivakasi, Tamilnadu.

89. **Narasimha Marakala P**, Kondaiah, Appu Kuttan K K and Ravikiran Kadoli,(2010). “Experimental Studies on Dynamic Behaviour of Cantilever Slender Pipe Conveying Compressed Air.” Proceedings of 54th Congress of ISTAM Netaji Subhas Institute of Technology, New Delhi, pp-21-26.
90. Shivakumar, **Srinivasa Pai P., Shrinivasa B.R.**, (2010). “Experimental Investigational of Injection Timings on the Performance and Emission Characteristics of A 4- Stroke CI Engine using Honge Methyl Ester and Prediction using Artificial Neural Network.” International Conference Contributed Paper, 8th – ASPACC, pp.928-935.
91. Shivakumar, **Srinivasa Pai P, Shrinivasa Rao B. R.**,(2010). “Experimental Investigation of Injection Timings on the Performance and Emission Characteristics of A 4 – Stroke CI Engine using Honge Methyl Ester and Prediction using Artificial Neural Network.” International conference contributed Paper 8th ASPACC.pp-928-935.Hyderabad.
92. Madhwesh N, **Ravindra**, Mahesh G.T.,(2009). “Performance Analysis of Dual Fuel Diesel Engine with Exhaust Gas recirculation.” National Conference on Recent Developments on Mechanical Engineering college of Engineering Trivandram, 5th 6th March.,
93. **N.Satheesh Kumar, Dinakar P.and Srinath Pai**,(2009). “Dual Plug Spark Ignition Engine – Developments and Future Prospects.” National Conference on Recent Developments on Mechanical Engineering college of Engineering Trivandram, 5th 6th March.,
94. Krishna Murthy, Mahesha G T, **Shrinivasa Rao B.R**, Samaga B.S.(2009). “Application of Egr for NOx Control in LPG – Diesel Dual Fuel CI Engine.” International Conference on Advances in Mechanical Engineering , August 3-5, Surat paper/Krishnamurthy , PP. 196-200.
95. Hemanth Suvarna, Jayaram Thumbe, **B.R.Srinivasa Rao**, B.S Samga,(2009). “Analysis of CI Engine Performance Using Waste Cooking Oil Ester As Bio Diesel.” National Conference on Recent Developments on Mechanical Engineering college of Engineering Trivandram, 5th 6th March., pp.1-7.
96. **Sudesh Bekal, Suresh Shetty**, Mohan Rao. K, (2009). “Use of Intra – Blend of Vegetable Oil – Ester in CI Engine: An Experimental Analysis.” Proceedings of

the 21st National Conference in Engine & Combustion Bapuji Institute of Engineering & Technology, Davangere, Karnataka, Dec.10-12, pp.379-386.

97. **Sudesh Bekal**, T.P.Ashok Babu(2009). “Some Studies on Chemical Composition, and Properties of Ester of Edible and Inedible Vegetable Oils, and Their Use in CI Engine.” 7th Asia- Pacific Conference on Combustion, National Taiwan University, Taipei, Taiwan 24-27 May,
98. Shivakumar, **Srinivas Pai P., Shrinivasa Rao B.R**, Samaga B.S. “Performance and emission Characteristics of 4 Stroke C.I Engine with WCO as biodiesel.” ICAMB Dec 14-16. Pp.368-373.
99. **Narasimha Bailkeri**, Satheesh Kumar N, **Srinivas Rao B.R**. Samaga B.S,(2009). “Performance Study on Twin Plug Spark Ignition Engine.” ICAMB, 14-16. Pp.261-264.
100. Shivakumar, **Srinivas Pai P, Shrinivasa Rao B.R**, Samaga B.S,(2009). “Effect of Injection Timing On Performace of 4 Stroke C.I.Engine With Waste Cooking Oil as Biodiesel.” Proceedings of the 21st National Conference in Engine & Combustion Bapuji Institute of Engineering & Technology, Davangere, Karnataka, Dec.10-12, pp.369-378.
101. Ravinarayana Bhat N, **Sudesh Bekal**,(2009). “Comparative Performance Study of a 4 – Stroke Compression Ignition Engine with Pongamia Oil and its Methyl Ester as fuels.” National Conference on Advances in Mechanical Science, KVG College of Technology, Combustion 26`27 March.
102. N. Ravinarayana Bhat, **Sudesh Bekal**, (2009). “Experimental Study of Pongamia Methyl Ester as an Alternative fuel in Diesel Engines.” National Conference on Organizational Learning, Technology, Education and Management Sciences in India (TEAMS) NSS College of Engg, Palakkad, 24- 25th March.
103. Krishna Murthy, Madhwesh N, **Shrinivasa Rao B R**, Samaga B S, (2009). “ Effect of Injection Timing on the Performance of Dual Fuel Compression Ignition Engine with Exhaust Gas Recirculation.”ICAMB, Dec 14-16, SMBS, VIT University Vellore -632014, India.

Department of Electrical & Electronics Engineering

104. **Nagesh Prabhu**, Benzeeta. “Demand Side Management and Load Voltage Regulation Using Electric Spring”, IEEE International Conference on Recent

trends in Electronics, Information and Communication Technology (RTEICT), SVCE, Bangalore, 5th May, 2016.

105. Disha and **Nagesh Prabhu**. “Synchronous Reference Frame Based Transformerless Single Phase Grid Tie Inverter for DC Bus Power Evacuation”, IEEE International Conference on Recent trends in Electronics, Information and Communication Technology (RTEICT), SVCE, Bangalore ,5th May,2016.
106. Shravya J and **Nagesh Prabhu**, “Enhancement of Load Voltage Regulation by Series Reactance Emulation of SSSC”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, (National Conference on Advances in Electrical Engineering) Vol.3,254-258,IJIREEICE,DOI: 10.17148/IJIREEICE/NCAEE.2016.51April 2016.
107. **Nagesh Prabhu** and Dinesh Shetty, Swathi Prabhu K, “Peak Shaving in Power system using VSC based Electric spring”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, (National Conference on Advances in Electrical Engineering) Vol.3, 152-156, IJIREEICE, DOI: 10.17148/IJIREEICE/NCAEE.2016.0, April 2016.
108. Sachin and **Nagesh Prabhu**. “Simulation And Analysis Of Compact Remote Monitoring System”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, (National Conference on Advances in Electrical Engineering)Vol.3, 115-118, IJIREEICE, DOI: 10.17148/IJIREEICE/NCAEE.2016.23, April 2016.
109. **Nagesh Prabhu** and Chaitra L Disha, “Modelling and Simulation of Transformer less Single Phase Grid Tie Inverter Using MATLAB/Simulink”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, (National Conference on Advances in Electrical Engineering)vol.3,17-23,IJIREEICE,DOI:10.17148/IJIREEICE/NCAEE. 2016. 04, April 2016
110. Himani Prabhakar, **Nagesh Prabhu**, “Simulation and performance evaluation of TCSC for load voltage regulation”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, (National Conference on Advances in Electrical Engineering)Vol.3, 259-264, IJIREEICE, DOI: 10.17148/IJIREEICE/NCAEE.2016.52,,April 2016.

111. Benzeeta, **Nagesh Prabhu**, “ Enhancement of load voltage regulation using electric spring”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering(National Conference on Advances in Electrical Engineering)Vol.4, IJIREEICE, DOI: 10.17148/IJIREEICE/NCAEE.2016.52, April 2016.
112. **K. V. Shettigar**, Akshatha, “Dual output DC-DC Converter for DC micro-grid application” published in IJIREEICE, (National Conference on Advances in Electrical Engineering)Volume 4, Special Issue 2, April 2016 with DOI 10.17148/IJIREEICE/NCAEE.2016.02 organized by NMAMIT, Nitte.
113. **K. V. Shettigar**, Harshitha K. T, “Closed Loop Speed Control Analysis of DC Motor”, International Journal of Innovative Research in Electrical ,Electronics, Instrumentation & Control Engineering (IJIREEICE), , (National Conference on Advances in Electrical Engineering) vol.4, special issue-2, 65-69 IJIREEICE, DOI: 10.17148/IJIREEICE/NCAEE.2016.13, April 2016.
114. **K. V. Shettigar**, Harshitha K T, “Embedded Fuzzy Cruise Controller”, International Conference on Industrial Electronics & Electrical Engineering(ICIEEE), IRF BANGALORE, 15TH MAY 2016.
115. **K. V. Shettigar**, Sandesh, "Efficient MPPT Technology for Low Power Indoor Solar System", International conference on Emerging Trends in Engineering – (ICETE 2016) Vol.5, Special issue 5, 1-6, IJIREEICE, ISSN (Print) 2347-6710, DOI 10.15680/ /IJIREEICE.2016.0506507, 2016.
116. **K. V. Shettigar**, Sandesh, "Efficient Low Power Indoor Solar System", International Journal of Innovative Research in Electrical, Electronics, Instrumentation & Control Engineering (IJIREEICE), (National Conference on Advances in Electrical Engineering) Vol.4, Special issue2, 102-105, IJIREEICE, ISSN (Online) 2321-2004, DOI 10.17148/IJIREEICE/NCAEE.2016.20, Nitte 2016.
117. **K. V. Shettigar**, Mohammed Sammer M Attar, "Five level inverter for renewable power generation system", International Journal of Innovative Research in Electrical ,Electronics, Instrumentation & Control Engineering (IJIREEICE), (National Conference on Advances in Electrical Engineering), Vol.4,Special

issue2, 102-105, IJIREEICE, ISSN (Online) 2321-2004, DOI10.17148/IJIREEICE/NCAEE.2016.46, Nitte 2016.

118. **Sathyendra Shet**, Mahadevaswamy H.M, Development of an Efficient DC-DC Converter using switched capacitor Topology. International Conference on Advanced Communication Control & Computing Technologies, Syed Ammal Engineering College, Dr. Em Abdullah Campus, Ramanathapuram, Tamilnadu, pp: 481-485, May 2016.
119. **Nayana Shetty**, Roshini Supriya, "Modeling and Simulation of Light Flicker meter using MATLAB", Vol.2, Special issue 2, IJIREEICE, ISSN (Online) 2321, 2004, DOI: 10.17148/IJIREEICE/NCAEE.2016.12, (National Conference on Advances in Electrical Engineering), NCAEE-2016, NMAMIT, Nitte 2016.
120. **Nayana Shetty**, Shwetha, "Design Of Smart Home Security Surveillance System Using GSM", Vol.2, Special issue 2, IJIREEICE, ISSN (Online) 2321-2004, DOI: 10.17148/IJIREEICE/NCAEE.2016.11, (National Conference on Advances in Electrical Engineering), NCAEE-2016, NMAMIT, Nitte 2016.
121. **Naveen J**, Swami Gururaj M, "Identification of Counterfeit currency and denomination using Raspberry pi", Vol.4, Special issue 2, IJIREEICE, ISSN (Online) 2321-2004, DOI: 10.17148/IJIREEICE/NCAEE.2016.11, Nitte Conference on Advances in Electrical Engineering NCAEE-2016, NMAMIT, Nitte 2016.
122. **Naveen J**, Yashaswi K "Hybrid Renewable Energy Conversion For Mobile Application", Volume 5, Special Issue 5, May 2016, ISSN (Online): 2319 – 8753, ISSN (Print): 2347 – 6710, DOI:10.15680/IJRSET.2016.0506501, International Conference on Emerging Trends in Engineering – ICETE, Nitte 2016
123. Bhagyalakshmi K R , **Naveen J**. Non-Isolated Boost converter Integrated with SEPIC for High Step Up Conversion Ratio. International Conference on Emerging Trends in Engineering Volume 5, Special Issue 5, May 2016 ICETE 2016 DOI:10.15680/IJRSET.2016.0506501 ISSN (Online) : 2319 – 8753 ISSN (Print) : 2347 – 6710
124. **Pradeep Kumar**, Swami Gururaj M Vinayaka R Deskar, Vinod Kumar M P, "Design of Net Meter Using FPGA", IEEE International Conference On Recent Trends In Electronics Information Communication Technology, Sri

Venkateshwara College of Engineering, Bengaluru, India, 978-1-5090-0774-5/16/\$31.00 © 2016 IEEE.

125. **Pradeep Kumar** Vinayaka R Deskar, "Design of Net Meter for Off Grid Microgrid", IJRSET, ISSN (Online): 2319 – 8753, DOI:10.15680/IJRSET.2016.0505617, Special Issue 9, Vol.5, pp.697-701, International Conference on Emerging Trends in Engineering – ICETE 2016, NMAMIT, Nitte. 2016.
126. **Pradeep Kumar**, Santhosh, "Analysis of Various Power Losses in Vanadium Redox Flow Battery", Vol.2, Special issue2, IJIREEICE, ISSN (Online) 2321-2004, DOI 10.17148/IJIREEICE/NCAEE.2016.08, Nitte Conference on Advances in Electrical Engineering NCAEE-2016, NMAMIT, Nitte 2016.
127. **Pradeep Kumar**, Santhosh, "Analysis of Boost Converter fed DC Motor", Vol.4, Special issue2, IJIREEICE, ISSN (Online) 2321-2004, DOI 10.17148/IJIREEICE/NCAEE.2016.10, Nitte Conference on Advances in Electrical Engineering NCAEE-2016, NMAMIT, Nitte 2016.
128. **Pradeep Kumar**, Vinayaka R Deskar, "Simulation of Net Meter Connected to Microgrid", IJIREEICE, DOI: 10.17148/IJIREEICE/NCAEE. Nitte Conference on Advances in Electrical Engineering 2016.14, Vol 4, special issue 2, NCAEE - 2016 at NMAMIT, Nitte.
129. **Latha Shenoy**, Priyanka, "GPRS Based SCADA Implementation For Multi Sensor Security With SMS Alerts", Vol.2, Special issue2, IJIREEICE, ISSN (Online) 2321-2004, DOI: 10.17148/IJIREEICE/NCAEE.2016.08, Nitte Conference on Advances in Electrical Engineering NCAEE-2016, NMAMIT, Nitte 2016.
130. **Latha Shenoy**, B. V. Adarsh, "Flyback topology based Power Amplifier for PV system Applications", 2016 International Conference on Computation of Power, Energy Information and Communication (ICCPEIC), 978-1-5090-0901-5/16/\$31.00 ©2016 IEEE.
131. **Latha Shenoy**, M. Satyendra Kumar, Professor, "Design Topology and Electromagnetic Field Analysis of Permanent Magnet Brushless DC Motor for Electric Scooter Application", International Conference on Electrical, and

Optimization Techniques (ICEEOT), 978-1-4673-9939-5/16/\$31.00 ©2016 IEEE.

132. **K. Latha Shenoy**, Dr. C.G.Nayak and Dr. Rajshekar P Mandi, “ Design and Simulation of Incremental Conductance MPPT algorithm for PV applications”, Asian Journal of Engineering and Technology Innovation – ISSN 2347-7385, National conference on recent trends in control strategies for integration of distributed generation sources to grid and control of their power quality issues at REVA university, Bangalore on 22-23 July 2016.
133. **K. Latha Shenoy**, Dr. C.G.Nayak and Dr. Rajshekar P Mandi, “ MPPT Enabled SPWM based bipolar VSI design in photovoltaic applications ”,ELSEVIER materials today PROCEEDINGS ISSN 2214-7853, International Conference on processing of materials, minerals and energy (PMME-2016), 29-30 July 2016 .
134. **Raksha Adappa**, Tahseen Khanum S, "Voice Command Control System with Fault detection of Home Loads for Paralysed and Aged" Nitte Conference on Advances in Electrical Engineering International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.3, 254-258, IJREEICE, DOI: 10.17148/IJREEICE/NCAEE.2016.001, April 2016.
135. **Raksha Adappa**, Bhagyashree, "Modelling And Simulation Of An Induction Machine" Nitte Conference on Advances in Electrical Engineering International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.3, 254-258, IJREEICE, DOI: 10.17148/IJREEICE/NCAEE.2016.24, April 2016.
136. Sandhya.B, **Dinesh Shetty**, "Classification of transmission line faults using wavelet transform" Nitte Conference on Advances in Electrical Engineering International Journal of Innovative Research in Electrical & Electronics, Instrumentation and Control Engineering, Vol. 4, Special Issue 2, April 2016.
137. Deepa C, **Dinesh Shetty**, "Simulation of High Static Gain Modified SEPIC Converter", Nitte Conference on Advances in Electrical Engineering International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.3, 124-129, IJREEICE, DOI: 10.17148/IJREEICE/NCAEE.2016.25, April 2016.

138. Sushith K, **Md Abdul Raheman, Muralidhara**, Rathnamala, “Tracking error reduction in APA230L using feed forward–feedback control system”, International Conference on Emerging Trends in Engineering – ICETE 2016, NMAMIT, Nitte. Special Issue 5, Vol. 5, IJRSET, ISSN (Online): 2319 – 8753, DOI:10.15680/IJRSET.2016.0506501
139. Arunashree A. C and **Pradeep Kumar**, “Switched Boost Inverter” International Conference on Industrial Electronics and Electrical Engineering (ICIEEE) under Institute of Research and Journals, Published in Proceedings of 24th IRF International Conference, 15th May, 2016, Bengaluru, India, ISBN: 978-93-86083-16-6.
140. Rajaneesh Acharya, **Suryanarayana K**, Nisha, Vishwas K, “Analysis of Multi Coil Induction Heating System for Semiconductor Wafer Processing,” Nitte Conference on Advances in Electrical Engineering, NMAMIT, Nitte on April 11, 2016.
141. **K. V. Shettigar**, Rajesh Babu, “Design and Implementation of SEPIC for PV applications”, National Conference On Emerging Computing paradigms, NMAMIT, NITTE, MARCH 2016.
142. Raghavendra prabhu and **Nagesh Prabhu** “Simulation of Standalone Photovoltaic system” National Conference on Advances in Electrical Engineering (NCAEE -15), 02 April 2015, NMAMIT, Nitte, INDIA.
143. Namitha and **Nagesh Prabhu**, “Real time Detection- Driver Alertness Using Visual Analysis”, National Conference on Advances in Electrical Engineering (NCAEE-15), NMAMIT, Nitte, April 02, 2015
144. Kran B. Soudi and **Nagesh Prabhu**, “ Push Pull Converter based Bidirectional Inverter for Residential photovoltaic power System” National Joint Conference on Innovations in Engineering and Technology (NJCET-15), Canara Engineering College, Benjanapadavu, Mangalore, 29-04-2015
145. Namitha and **Nagesh Prabhu**, “ A novel Approach for Driver Alertness using Visual Analysis”, International Conference on Emerging Trends in Engineering (ICETE), NMAMIT, Nitte, May 8-9, 2015.

146. Raghavendra prabhu and **Nagesh Prabhu** “ Simulation of Grid Connected Photovoltaic system” International Conference on Emerging Trends in Engineering (ICETE -15), 08-09 May 2015, NMAMIT, Nitte, INDIA.
147. R C. Mala, **Nagesh Prabhu** and H.V Gururaj “Holf Bifurcations of Subsynchronous Resonance in a Hybrid Series Compensated System with SSSC-ES” IEEE International Conference on Technological Advancements in Power and Energy (ICTAP) , Amtita Vishwa Vidyapeetham, Kollam, 24-26 June, 2015
148. H.V Gururaj, **Nagesh Prabhu** and R C. Mala “Investigations on Stability of Hybrid Series compensated System with SSSC-ES” IEEE International Conference on Technological Advancements in Power and Energy (ICTAP) , Amtita Vishwa Vidyapeetham, Kollam, 24-26 June, 2015
149. R C. Mala, **Nagesh Prabhu** and H.V Gururaj “Bifurcations Analysis of a Series Compensated System with STATCOM-ES” International Conference on Smart Grid Technologies of Science Direct Procedia Technology , Amtita Vishwa Vidyapeetham, Kollam, 6-8 August, 2015
150. H.V Gururaj, **Nagesh Prabhu** and R C. Mala “Effect of STATCOM-ES on Distance relay Operation in a Series Compensated System” International Conference on Smart Grid Technologies of Science Direct Procedia Technology , Amtita Vishwa Vidyapeetham, Kollam, 6-8 August, 2015
151. Raghavendra Prabhu and **Nagesh Prabhu** “Standalone Photovoltaic System as on grid Reactive Power Compensator” IEEE International Conference International Conference on Power and Advanced Control Engineering (ICPACE) , BNMIT, Bangalore, 12-14 Aug, 2015.
152. Amritha Kolari, **Nayana Shetty**, An Intelligent System for Easy Navigation of Visually Impaired in Public Transit., International conference on Emerging Trends in engineering 8th – 9th May, (2015).
153. Kumbar, **Nayana P Shetty**, Implementation of Converter for Solar Powered Water Pumping System, National Conference on Electrical power system engineering (2015)

154. R. Tirumalaivasan, M. Janaki and **Nagesh Prabhu,(2014)**. “Energy Function based Fuzzy Logic Discrete Control with SSSC for Stability Improvement”, IEEE International Conference on Advances in Electrical Engineering”, ICAEE-2014, Vellore, 09-11, January 2014.
155. M. Janaki, R. Tirumalaivasan and **Nagesh Prabhu**, 2014. “ “Energy Function based Fuzzy Logic Discrete Control with STATCOM for Stability Improvement”, IEEE International Conference on Advances in Electrical Engineering”, ICAEE-2014, Vellore, 09-11, January 2014.
156. M. Janaki, R. Tirumalaivasan and **Nagesh Prabhu**, 2014. “Design of Robust controller for VSC Based HVDC using Genetic Algorithm”, **IEEE** International Conference on Advances in Electrical Engineering, ICAEE-2014, Vellore, 09-11, January 2014.
157. Shruthi Ramachandra, R C mala and **Nagesh Prabhu**, 2014 “Detection of Dynamic Bifurcations of SSR in a Series Compensated System” International Conference on Power Electronics and drives- ICPEDS-2014, NMAMIT, Nitte, 10-11, April
158. Shilpa P. S, Mr. **Pradeep Kumar**, Methods of Battery Charging with Buck Converter Using Soft-Switching Techniques International Conference on Emerging Trends in Engineering ICETE – 2013, May 15th- 16th 2013 at NMAMIT, Nitte (Karnataka).
159. Jyothish Kumar S. Y and **Pradeep kumar** “Design and Implementation of Fuzzy Controller on Embedded Computer for Water Level Control” National Conference on Advancement and Innovation in Electric Technology and Allied Science in Engineering AIEAIE– 2013, 28th April 2013 at Excel college of engineering and technology. Kommarapalyam (Tamil nadu).
160. **Pradeep Kumar**, Shanawaz L P “Low Power Design and Verification of a GPIO IP in System on Chip Context”, 1st IEEE National Conf. on Electrical & Electronics Engg., NCEEE-2014, 5 Jun 2014, HKBK College of Engg., Bangalore
161. Nisha Anie Alexander, **Pradeep Kumar**, Vishvanath A.N, Santhosh Muthe “MODERN INTELLIGENT CONTROL SYSTEM USING KALMAN FILTER” International Conference on POWER ELECTRONICS & DRIVES [ICPEDS -

Nitte2014], 10-11th April 2014 at NMAMIT, Nitte, IJMRAE, ISSN 0975-7074, Vol. 6 No. II(April 2014), pp-243-252. (IJMRAE International Journal of Multidisciplinary Research and Advances in Engineering) impact factor: 0.3095

162. Suparna G. Bangera, **Pradeep Kumar**, “Wireless Monitoring of Heartbeat Measure as a Biopotential on Embedded System” International Conference on Emerging Trends in Engineering (ICETE -2014) at NMAMIT, Nitte 15th – 17th May, 2014, ISBN: 978-93-83083-80-0 Stream: 4 Electrical, Electronics and Communication Engineering pp no 225-227

Department of Electronics & Communication

163. **Padmawathi, K.**, Karki Maya, V., Bhat Mahima. Medical Image fusion of different modalities using dual tree complex wavelet transform with PCA. in *Proceeding of 2nd International Conference on Circuits, Control, Communication and Computing, M. S.Ramaiah Institute of Technology, Bengaluru, Karnataka, 4th to 6th October 2016*, (2016).
164. Siddesh Gaonkar, **Sushma P.S.**, Modeling and design of high CMRR two stage OTA for Gm – C Filter application using 0.18 μm CMOS Technology. IEEE sponsored 3rd International Conference on Electronics and Communication Systems, 978-1-4673-7832-7832-1/16, 2016
165. Siddesh Gaonkar, **Sushma P.S.**, Amra Fathima, Design of high CMRR two stage driven OTA using 0.18 μm CMOS Technology, International Conference Computer Communication and Informatics, Jan, 07-09,Coimbatore, India, (2016)
166. **Usha Desai**, Roshan Joy Martis, C. Gurudas Nayak, K. Sarika, Sagar G. Nayak, Ashwin Shirva, Vishwas Nayak and Shaik Mudassir,(2015). “Discrete Cosine Transform Features in Automated Classification of Cardiac Arrhythmia Beats.” Emerging Research in computing, Information, Communication and Applications: ERCICA, Vol.1, pp.153-162, DOI 10.1007/978-81-322-2550-8_15. ISBN: 978-81-322-2552-8.
167. **Usha ,Desai.**, Gurudas C Nayak., Sehkala, G., Roshan Joy Martis. Automated Diagnosis of Arthymia Beats Using ECG with DWT, PCA and SVM Techniques. *2nd International Conference on Biomedical Systems, Signals and Images (BSSI) IIT M. Chennai* (2015).

168. **Prabha Niranjana, K. V.S.S.S Sairam, Shashikantha Karinka**(2015). “Inverse Prandtl – Ishlinskii and Bouc – Wen Models to Compensate Hysteresis Nonlinearity of Piezoelectric Actuators – A Comparison.” International Conference : IEEE Conect- 2015 1570157895 IIIT, Bangalore, 10-11 July 2015. Pp.-1-6
169. **Usha Desai**, Roshan Joy Martis, C.Gurudas Nayak, K. Sarika, Sagar G. Nayak, Ashwin Shirva, Vishwas Nayak and Shaik Mudassir. 2015). “ Discrete Cosine Transform Features in Automated Classification of Cardiac Arrhythmia Beats” International Conference, DOI:- 10.1007/978-81-322-2550-8-15.pp.153-161.
170. Rajashree Nambiar P, **Usha Desai**, Vibha B.Shetty,(2014). “Medical Image Fusion Analysis Using Curvelet Transform.” Int. Conf. On Adv.in comp., Comm., and Inf.Sci (ACCIS -14) (1-12).pp.1-8
171. Rajashree Nambiar P, **Usha Desai**, Vibha B.Shetty,(2014). “Medical Image Fusion Using Curvelet Transform,National Conference on Advances in Communication and Signal Processing, ISBN: 978-93-83842-65-0.pp.135138.
172. Swathi K, **Sushma P.S.** “Steady State Analysis of Buck Converter using MOSFET and IGBT as a Switch.226-228.
173. **Aishwarya Rani Rajeev , C.K. Naik.** “Modeling and Characterization of Foreign Exchange Station.” 268-272.
174. Salam Devayani Devi, **Shrividya G.** “Image Fusion Algorithms for Multi – Focus Images.” 273-277.
175. Anita Shrinivas, **Durga Prasad.** “Physical Layer Design Issues in Wireless Body Area Networks.” 278-283.
176. Kalpa Shetty, **Padmavathi N.B.** “ Face Recognition Technique for Digitally Tampered Facial Images using Scale Invariant Feature Transform.”284-287.
177. Swathi A.S,Magesh Subramani, **Pradyumna G.R** and Anindya Saha. “Memory Wrapper Automation for System on Chip.” 288-292.
178. Apoorva Hegde, **Usha Desai.** “Visual Lossless Color Image Compression and Reconstruction using Byte Compression.” 298-301.
179. Prita Sharma, Venkata Nagabhushanam, **Rekha Bhandarkar** and L. Ramkrishnan. “Multi Layered Graphics Engine using High Speed Embedded Platform for RADAR Applications.” 310-313.

180. Mahesh Deginal, **Ravindra K.S** and Sulabh Gupta. "Smart Battery Monitoring System using Comtroller Area Network." 330-333.
181. Abhaya Kumar C.H, **Mahaveera K**, Imtiyaj Shaikh, Shivaprasad S and Apeksha Abhay Gupta. "FPGA Implementation of Universal Synthesizable Testbench."338-341.
182. Dhanya K.N, **Rajesh Shetty**. "Electronic System Level Validation of Q in Q and IP in IP Tunnel (L2/L3 Tunnel) in Ethernet Switch." 342-346.
183. **Durga Prasad, Niranjan N. Chiplunkar, K.** Prehakar Nayak,(2012). "Channel Modeling and Performance Analysis of Shift Keying Modulation Techniques in Various Fading Channel of Wireless Boday Networks." Internation Conference in Engineeing Trends, 1-6.
184. **Durga Prasad, Niranjan N. Chiplunkar, K.** Prehakar Nayak,(2012). "BIT Error Rate (BER) Analysis of Shift Keying Modulation Techniques in Various Fading Channels of Wireless Body Area NETWORKK." 1-5.
185. **Niju Rajan**, Rathnamala Rao, and **Muralidhara**,(2013). "Experimental Investigations on Active Vibration Isolation Using Piezoelectric actuators." International Conference on Advanced Computing & Communication Systems, Dec.19-21.
186. Aruna Dore, **Sunitha Lasrado**,(2014). "Performance Analysis of Sobel Edge Filter on Heterogeneous system using opencl." Volume .03, Issue, 03.pp.53-57.
187. Sindhu B. Terada, Nelson Pereira and **Roopa B. Hegde**,(2013). "Cross Compiling Raspberry Piremotely 10 a Windows Machine."

Department of Information Science

188. **Ashwini, B.** Yuvaraju B N., Deepashree B., **Venugopala P.S.** Application of Image Processing For Detection And Recognition of Objects in Traffic Video. Proceedings of Fourth International Conference on Emerging Research in Computing, Information, Commutation and Applications.
189. Jackson Preetham Machado, **Pranesh V. Kallapur**. Performance Evaluation and Improvement of R – CTP for Enhanced Packet Transmission and Latency.

International Conference on Emerging Research in Computing, Information, Communication and Applications.1-6 (2016).

190. **Pranesh, V. Kallapur.**, Vibha Prabhu., (2015) “Improved Variant of CTP for Enhanced Data Delivery Ratio and Reduced Computation Overhead.” IEEE ICATCCT, October 29-31, Davanagere Indexed in IEEE conference. Indexed Explore DB
191. Geetha, V., **Pranesh, V. Kallapur**, Preetham, L., Darshan, T.K., (2015). “Performance Evaluation of Existing Wireless TCP Variants for High Data Rate Wireless Sensor Networks.” IEEE ICATCCT, October 29-31, Davanagere IEEE Explore Indexing.
192. **Pranesh, V. Kallapur.**, Vibha Prabhu.,(2015) Enhanced Variants of CTP for Improved Data Delivery Ratio and Energy Consumption. IEEE ICATCCT, October 29-31, Davanagere in IEEE Explore DB
193. **Neelima B.** and Jiajia Li. Introducing High Performance Computing Concepts into Engineering Undergraduate Curriculum: A Success Story. Proceedings on Workshop on Education for High Performance Computing (EduHPC-15) co-located with the International Conference for High Performance Computing, Networking, Storage and Analysis (SC-15) organized by ACM and IEEE Computer Society from 15th to 20th Nov. 2015, Austin, Texas, USA. ISBN: 978-1-4503-3961-2 doi: 10.1145/2831425.2831430
194. **Neelima B.**, G. Ram Mohana Reddy and Prakash S. Raghavendra (2014). Predicting an Optimal Sparse Matrix Format for SpMV Computation on GPU. Workshop on Multithreaded Architectures and Applications (MTAAP-14), co-located with 28th IEEE International Parallel and Distributed Processing Symposium (IPDPS-14), 19th to 23rd May, 2014 at Arizona, USA. PP: 51-58, Published by IEEE Computer Society. **ISBN** 978-0-7695-5207-1.
195. **Neelima B.**, Anjjan S. Narayan and Rithesh G. Prabhu (2014). String Sorting on Multi and Many Threaded Architectures: A Comparative Study. 2014 International Conference on High Performance Computing and Applications. (ICHPCA-2014), Bhubaneswar, India. 22nd to 24th December, 2014. ISBN: 978-1-4799-5957-0.
196. **Neelima B.**, Rithesh G. Prabhu and Anjjan S. Narayan (2014). Yet Another Proposal for All Pair Shortest Path on GPU. 2014 International Conference on High Performance Computing and Applications. (ICHPCA-2014), Bhubaneswar, India. 22nd to 24th December, 2014. ISBN: 978-1-4799-5957-0.

197. **Neelima B.**, G. Ram Mohana Reddy and Prakash S. Raghavendra (2014). A GPU Framework for Sparse Matrix Vector Multiplication. 13th International Symposium on Parallel and Distributed Computing (ISPDC-14), 24th to 27th June, 2014 at Porquerolles Golden Island, France. PP: 1427-1436, published by IEEE Computer Society. ISBN: 978-0-7695-5265-1
198. Sahana Damale , **Neelima B.**, Ningareddy Modase (2014). GDB Debugger Tool for Microcontroller. International Conference on Information and Communication Technologies (ICICT-2014), 5th and 6th May, 2014 at PESIT-Shimoga. International Journal of Computer Applications. 23-25pp. ISSN: 0975-8887.
199. Chandana T. Mallya, Kavitha Sooda, **Manasa S.** (2014). “Analysis of 4G/LTE Networks.” International Conference on Emerging Trends in Engineering (ICETE) 15th -17th May. ISBN: 978-93-83083-80-0.pp-43-45
200. Anusha S K Rao, Milind Dalvi, **Balasubramani R.**, (2014). “GIS Based Taxi Booking and Tracking System using Node. JS.” International Conference on Emerging Trends in Engineering (ICETE) 15th -17th May. ISBN: 978-93-83083-80-0.pp.35-36.
201. **Devidas Bhat**, Veena,(2014). “A Scalable Two – Phase Top – Down Generalization and Specialization Approach on Cloud.” International Conference on Emerging Trends in Engineering (ICETE) 15th -17th May. ISBN: 978-93-83083-80-0.pp.8.11
202. Rajeshwari M, **Ashwini B.**, Manjunath Kotari,(2014). “The Study of Monitoring Systems and Monitoring of Different Parameters with or Without Encryption.” International Conference on Emerging Trends in Engineering (ICETE) 15th -17th May. ISBN: 978-93-83083-80-0.pp.241-242.
203. Sharath Kumar, **Karthik Pai B. H.** (2014). “Performance analysis of Wormhole attack under Collaborative Environment.” International Conference on Emerging Trends in Engineering (ICETE) 15th -17th May. ISBN: 978-93-83083-80-0.pp. 81-85.
204. Rajeshwari M and **Ashwini B.**,(2014). “A Survey on Various Types of Network Monitoring Systems.” National Conference on Multimedia and Information Security, ISBN: 978-93-83459-10-0.pp.106-108.
205. Chaithra C R and **Ashwini B.**, (2014). “Proposal for SLB Based User Authentication and Credential Distribution Scheme in Multi Cloud Environment.” National Conference on Multimedia and Information Security, ISBN: 978-93-83459-10-0.pp.109-112.

206. Shrishya H. S., **Neelima B.**, Srinivas Piska (2014). EMV Based Approach for Secure Smart Card Transaction. National Conference on Multimedia and Information Security-NCMIS-2014, 49 - 51pp. at NMAMIT, Nitte. ISBN number ---978-93-83459-10-0
207. **Balasubramani R.**(2014). “Participation of Industry in Curriculum Design and Delivery.” 2nd word commit and Accreditation organized by NBA, New Delhi 8-11 March 2014. ISBN: 978-93-84052 – 12 -6.pp.98-111.
208. **Neelima B.**, Anirudh Udupa G., Jane Shailoh Quadras, Gururaja Rao P.,(2013). “Graphics Processing Unit(GPU) Implementation Methodology of AERMOD Model
209. **Karthik Pai B.H**, Nagesh H.R, Abhijit Bhat,(2013). “Detection and performance evaluation of DoS?DDoS attacks Using SYN Flooding Attacks.” International Conference on Information & Communication Technology & Management, Shivamogga on 5th – 6th /may. Pp.1-4.
210. **Manasa Shetty**, Srinivas Piska, **Neelima B.** (2013). “A Smarter Approach to Smart Meter Gateway Security”. National Conference on Engineering and Management NCETEM-13. 1st and 2nd March, 2013. PESITM, Shivamoga, Karnataka, India.
211. **Manasa Shetty**, Srinivas Piska, **Neelima B.** (2013). “Java Card: Smart Security for Smart Meter Gateway System”. International Conference on Emerging Trends in Engineering ICETE-13. 15th to 16th May, 2013. NMAM Institute of Technology, Nitte, Karnataka, India.
212. Dionne Mascarenhas, Amit Didwania, Birgit Klein, Sivasakthi Kumar Balaji T. M. and **Neelima B.** (2013). “High Performance White Box Model Delivery Flow Automation”. International Conference on Emerging Trends in Engineering ICETE-13. 15th to 16th May, 2013. NMAM Institute of Technology, Nitte, Karnataka, India.
213. **Karthik Pai B.H**, Nagesh H.R,**Niranjan N Chiplunkar**,(2013). “Detection and Performance Analysis of Various DOS attacks under Collaborative Environment.” International Conference on Emerging Research in Computing, Information & Communication and Applications.

214. Shirole Rashmi Prakash Rao, **Karthik Pai**, Yuvraju B.N, (2012). "Detection and Performance Analysis of DoS/DoS/DRDoS Threats in Collaborative Environment." International Conference on Emerging Trends in Engineering, NMAMIT,Nitte Karnataka, India. Pp.70-75.
215. Deepa, **Balasubramani R**, (2012). "Image in painting Using Improved Priority and Patch Relocation Based on Exemplar Method." International Conference on Emerging Trends in Engineering, NMAMIT,Nitte Karnataka, India. Pp.40-43.
216. **Neelima B. and** Abhishek S. Rao. "CPU-GPU Real Time Cloth Simulation Improvement with Plaited Parallel Algorithm". International Conference on Emerging Trends in Engineering-ICETE-12. 15th to 16th May-2012. Organized by NMAMIT, Nitte.
217. **Neelima B.**, Abhishek S. Rao. (2012). "Effective Algorithm for Improving the Performance of Cloth Simulation". National Conference on Emerging Trends in Computer Engineering and Technologies. Bangalore, India. 11th to12th April, 2012. ISBN: 978-93-80406-72-5.
218. **Neelima B.**, Adarsh Konchady, Shashikiran, Brenda Olivia Martis and Rayan Victar D'Souza. (2012). "Reducing Multiplications in LLVM". National Conference on Emerging Trends in Computer Engineering and Technologies. Bangalore, India. 11th to12th April, 2012. ISBN: 978-93-80406-72-5.
219. **Neelima B**, Nayak A. Swathi, Nayana Upadhyaya, Sapna. (2012). "Study and Modification of PIN Instrumentation Tool". National Conference on Emerging Trends in Computer Engineering and Technologies. Bangalore, India. 11th to12th April, 2012. ISBN: 978-93-80406-72-5.
220. **Neelima B.**, Madhu R. Sagar and Deepesh Shetty. (2012). "Analyzing the Performance of Pre-fetching Mechanisms on a Single Machine". National Conference on Emerging Trends in Computer Engineering and Technologies. Bangalore, India. 11th to12th April, 2012. ISBN: 978-93-80406-72-5
221. **Balasubramani R**, (2011). Efficient Use of Integrated Image Descriptors in CBIR Systems." International Conference on Emerging Trends in Engineering NMAMIT, Nitte May, PP. 76-82.
222. **Ashwini B**, Gururaj Bijur and **Venugopala P. S**,(2011). "An Approach for the Removal of Gaussian and Impulse Noise at Low Noise Levels." Computer Architecture Networking and Applications Proceeding of International conference ICCANA, Nitte, India, Jan 7-8. Pp.3-10.

223. **Niranjan Chiplunkar, N.**, Prabhakar Nayak, K., Durga Prasad, Performance analysis of the physical and medium access control layer parameters with effect of varying transmission power using IEEE 802.15.4 standard for wireless body sensor networks. In *Proceeding of 6th International Conference on Advances in Computing and Communications, ICACC-2016, St. Joseph Engineering College, Mangaluru, Karnataka, 6th to 8th September 2016*, 639-646 (2016).
224. **Sudeepa, K.B.**, Ganesh Aithal. Maximum Period Non – Binary Key Sequence Generation for Image Encryption/Decryption. *Proceeding of IMCIC - International Multi –Conference on Society and Information Technologies* (2016)
225. Ranga Gowda G.J., **Sharada U Shenoy**, Sharmilla Kumari M. Survey on Transmission Control (TCP) Protocol for Wired and Wireless Networks. *Special Issue – NCECP16 NMAMIT, Nitte*, 5-8 (2016).
226. **Sharada U Shenoy**, Sharmila Kumari, M., **Udaya Kumar K Shenoy**. Throughput Analysis for multimedia transmission in Mobile AdHoc Networks using AMC. *5th IEEE International Conference on Communication and signal processing 6th -8th Adhiparasakthi Engineering College, Melmaruvathur.* (2016)
227. **Sudeepa K. B, Raju K, Ranjan Kumar H. S**, Ganesh Aithal.,(2016). “A New Approach for Video Steganography Based on Randomization and Paralleization.”*International Conference on Information Security and Privacy (ICISP) Proceedia computer Science, ELSEVIER*, pp.1-8.
228. **Divya Jennifer D’ Souza, Minu P Abraham** (2016). “A Multilayered Secure Scheme for Transmission of Sensitive Information based on Steganalysis.” *International Conference on Information Security and Privacy*, 11-12 Dec, Nagpur, INIDA, *Procedia Computer Science* 78, pp.375-381.
229. **Venugopal, P.S**, Ankitha, A. Nayak, Sarojadevi, H., Niranjan, N. Chiplunkar., Video Watermarking for Android Mobile Devices. *Proceeding of the 10th INDIACom; IEEE Conference ID 37465, International Conference on “Computing for Sustainable Global Development”, 16th – 18th March , Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi, 0973-7529, 978-93-80544-20-5.2016*
230. **Venugopal, P.S**, Shravya Jain, **Sarojadevi, H., Niranjan, N. Chiplunkar.**, Study of Possible Attacks on Image and Video Watermark. *Proceeding of the 10th*

INDIACom; IEEE Conference ID 37465, International Conference on “Computing for Sustainable Global Development”, 16th – 18th March , Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi, 0973-7529, 978-93-80544-20-5, pp.4962-4967.2016

231. **Sreekantha, D.K.**, Fattepur, R.H., Sameer Fattepur. “Designing Dairy farming credit Risk Evaluation Expert System Prototype.” *18th International Conference on Fuzzy set Theory and Applications*, Organized by International Scientific Research and Experimental Development and world Academy of Science, Engineering and Technology, held on 21st and 22nd Jan 2016 in Paris France, Europe.
232. **Sreekantha, D.K.**, Girish, T.M., Fattepur, R.H. “A Review on Applications of Expert Systems in Medical Sciences.” *18th International Conference on Fuzzy set Theory and Applications*, Organized by International Scientific Research and Experimental Development and world Academy of Science, Engineering and Technology, held on 21st and 22nd Jan 2016 in Paris France, Europe.
233. **Venugopala P.S**, Ankitha.A.Nayak, **H.Sarojadevi**, **Dr.Niranjan.N. Chiplunkar.**, Various challenges in Video Watermarking for Mobile Devices, IEEE International Conference on Information Processing, 16th to 19th December 2015, Vishwakarma Institute of Technology, Pune.
234. Sanju V., **Niranjan Chiplunkar**,(2015) . “RicoBiT – Ring Connected Binary Tree: A Structured and Scalable architecture for Network on Chip Based Systems.” Conference on Computing and Communication (CoCoNet’15), Dec. 16-19, Trivanrum, India 978-14673-7308-1/15/\$31.00.IEEE, PP51-59
235. Sanju V., **Niranjan Chiplunkar**,(2015) . “Design and Implementation of Mesh and Torus for Network on Chip based System.” Proceeding of International Conference on Trends in Automation, Communication and Computing Technologies (I-TACT- 15)21-22nd Dec, Bangalore, 14673-7308-1/15/\$31.00.IEEE, pp.94-97.
236. **Raju, K.; Chiplunkar, N.N.**, Karanth, S., "Multithreaded implementation of data intensive applications with overlapped I/O and computation", in the National Conference on Parallel Computing Technologies (PARCOMPTECH), 2015, vol., no., pp.1-5, 19-20 Feb. 2015. doi:10.1109/PARCOMPTECH.2015.7084523
237. **Roshan Fernandes** and Akshata Shirish Nayak.(2015). “Discovering and Summarizing Online Movie Review Through Opinion Mining.” Emerging Research in Computing, Information, Communication and Application, Proceedings in Springer Volume,1. Pp- 507-518

238. Swathi Prabhu, **Anisha P Rodrigues**, Guru Prasad M S & Nagesh H R (2015). "Performance Enhancement of Hadoop Map Reduce Framework for Analzing Big Data." IEEE International Conference on Electrical, Computer And Communication Technologies,pp.725-731.
239. **D.K. Sreekantha**, T.M. Girish and R.V. Kulkarni,(2015). "Survey of Soft Computing Techniques in Neuro Science." International Conference on ITCCMA, Fuzzy, Sigem, Dmdbs, Natl, Chain, March, pp. 31-41.
240. A J Singhal, V Shetty, K R bhagavan, Ananthan Ragothaman, , Ganesh Koneru, MS Ravi, M Agarwala,(2015). "Surgical Implants Manufacturing by Three D Printing." Conference: Health Tech Innovations, Jan 9-10, Victor Menezes Auditorium, IIT, Mumbai, Organized by SAMEER, in collaboration with DeiTY, and ICMR.
241. Raja K, **Niranjan N Chiplunkar**, Sahana Karanth,(2015). "Multithreaded Implementation of Data Intensive Applications with Overlapped I/O and Computation." National Conference on Parallel computing, Technologies CDAC,-Bangalore 19-20 Feb 2015, IISC Bangalore.
242. **Roshan Fernandes**, Preethi Salian K and Rio D' Souza (2014). "A Survey : Structure and Usage Web Mining Algorithms." International Conference on Information and Comminication Technolgies, pp.119—123.
243. **Venugopala, P.S, H. Sarojadevi, Niranjan N. Chiplunkar**, Vani Bhat, .,(2014). "Video Watermarking by Adjusting the Pixel Value and Using Scene Change Detection." 2014 Fifth International Conference on Signals and Image Processing, pp.259-264.
244. M. S. Guru Prasad, **K. Raju**, H. R. Nagesh, , "Novel Approaches for Performance Optimization of Hadoop Multimode Cluster Architecture ", in the International Conference on Emerging Research in Computing, Information, Communication and Applications, Elsevier Publications 2014, August 2014, ISBN: 9789351072607
245. Akshay M Murshilli, **Sarojadevi**,(2014). Approaches to Improve Cloud Computing Performance."International Conference on Computer Science and Informational Technology(ICCIT),ISBN: 978-81-9302-3-2,7th December, ,goa, pp.6-11.
246. Tanvir Habib Sardar, Zahid Ansari, **Naveen D Chandavarkar** and Amjad Khan(2014). "A Methodology for Detecting Web Robot Requests From

Voluminous Web Log File.” “International Conference on Emerging Trends in Engineering, 15th – 17th May, ISBN: 978-93-83083-80-0, pp. 108-335.

247. Savitha G, **Venugopal P.S, Sarojadevi, Niranjana**(2014). “An Approach for Object Detection in Android Device, 2014 Fifth International Conference on Signals and Image Processing, pp.9-14.
248. Vinaya Mangaret Pinto, G. Padmashree, P.S. **Venugopala, H. Saroja Devi and Niranjana N. Chiplunkar**,(2014). “Design of a DCT Based Watermarking Approach using RGB Color Channels for an Android Device.” Proceedings of the Second International Conference on “Emerging Research in Computing. Information, Communication and Applications” ERCICA. ISBN: 9789351072607, pp. 820-825.
249. Shruthi P.R,(2014). “Noisy Image Forgery Detection Using Image Hashing and Denosing.” International Conference on Emerging Trends in Engineering (ICETE) 15th -17th May. ISBN: 978-93-83083-80-0.pp.245.246.
250. **P. Srinivasa Pai and Niranjana N. Chiplunkar**.(2014). “Success Story of Industry Institution Collaboration for Enhancing Teaching – Learning Experience.” Proceedings of the International Conference on Transformations. DOL. 10.1007/978-81-322-1931-6-14.
251. Apoorva Kumar G, Ravi,(2014). “Survey on Search Engine Optimization Methods.” National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp. 39-43.
252. Vinya Margaret Pinto, G. Padmashree and P.S, **Venugopala**,(2014). “Survey on Digital Watermarking Techniques for Mobile Devices and Proposal of Robust Technique.” National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.13-18.
253. **Shashank**, Arun S Devadiga, Shalini P R and Aditya Kumar Sinha(2014).“An Novel OTE-OCR Based Text Recognition and Video Frames.” National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.67-72.
254. **Shashank Shetty**, Shalini P R and Aditya Kumar Sinha,(2014). “A Survey: The Study and Implementation of Web Services and managing it Using Hadoop Ecosystem, Extending to Web Service Selection.” National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.73-78.

255. Sharath P J, **Roshan Fernandes**, (2014). "Securing Data in Distributed Data Storage Systems." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.44-48.
256. Salian K and **Fernandes**, (2014). "Comparative Study on the Various Techniques used to Compose Web Services Using Semantic Approach." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.56-58.
257. Arun S Devadiga, Shalini P R and Aditya Kumar Sinha,(2014). "A Survey: Research on Virtualization Technology and Virtual Hadoop." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.79-84.
258. M P Nisha, **Raju K**, (2014). "Survey on Motion – Based Pedestrian Recongnition from a Moving Vehicle." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.85- 90.
259. Beena K P and **Sharada Udaya Shenoy**,(2014). "Recent Face Detection Techniques in Image Processing: A Survey." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.113-116.
260. Zahid Ansari, Tanvir Habib Sardar, Moksud Alam Mallik and **Naveen D Chandavarkar**,(2014). "Data Mining in Soft Computing Framework: A Survey." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.97-102.
261. Vishwas Pai G, Srinivas Piska, Vidya Subramanian, **Ravi B** (2014). "Enhancing the security of smartcard payment applications using PayPass – M/Chip Specification." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.29-31.
262. Vidya PAi, Grantha K, P.C. Siddalingaswamy,(2014). "Computer Aided Detection of Diabretic Retinopathy: A Survey." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.90-96.
263. Anumpama,**Venugopala P S., Sarojadevi, Niranjan N. Chiplunkar**, (2014). "Digital Watermarking to Protect Copyright of Image on Mobile Devices." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.52-56.
264. S.Sunil Kumar, Aithal and S R Reeja,(2014). "An Automated Detection of Congestion in an Overcrowded Area." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.23-26.

265. Preethi Salian K, **Roshan Fernandes**, Rio D'Souza, (2014). SMS Based Discovery and Composition of Syntactic Web Services Provided by Mobile Devices." International Conference on Emerging Trends in Engineering, Nitte 15th -17th May, ISBN: 978-93-83083-80-0, pp.103-107.
266. Sumathi, **Niranjan N.Chiplunkar**,(2014). "Discovery of Web Services Using WSDL." International Conference on Emerging Trends in Engineering, Nitte 15th -17th May, ISBN: 978-93-83083-80-0,pp.98-102.
267. Kalpashree Bhandary, **Raju K.**(2014). "Hand Vein Authentication System." International Conference on Emerging Trends in Engineering, Nitte 15th -17th May, ISBN: 978-93-83083-80-0,pp.75-80
268. Saritha M, Shalini P.R., Prasanna Kumar H.R,(2014). "Exploring Relevance Phase Semantics in Data Compression." International Conference on Emerging Trends in Engineering, Nitte 15th -17th May, ISBN: 978-93-83083-80-0, pp.154-57.ICRASE 13, ISBN:978-81-923541-0-7., pp.21-25.
269. Rashmi Adyapady R. **Pradeep Kanchan**, (2014). "Comparative Study and Analysis of Varying Crossover Points on Simple Genetic Algorithm (SGA)." International Conference on Emerging Trends in Engineering, Nitte 15th -17th May, ISBN: 978-93-83083-80-0, pp.50-53.
270. Raghunadan K.R, Radhakrishna Dodmant, **Sudeepa K. B.**, Ganesh Aithal., (2013). Secure Audio Encryption using Transposition and Multiplicative Nan – Binary System, International Conference on Emerging Trends in Engineering,pp.55-60.
271. Vinya S, Shridhar Aithal and Sudhakara G,(2012). "A Quantitative Approach Using Goal – Oriented Requirements Engineering Methodology and Analytic Hierarchy Process in Selecting the Best Alternative." Of ICADC, AISC 174, pp.441-454.
272. Kishore Baglodi,**Niranjan Chiplunkar**,(2012). "Engineering Education & Skill Learning in the Future", International Journal of Advanced Technology & Engineering Research-National Conference on Emerging Trends in Technology, Issue 4, vol 2, pp. 15-20.
273. Vinay S, Shridhar Aithal, Prashanth Desai,(2009). "An NLP Based Requirements Analysis tool."International Advance Computing Conference , Patiala, India, 6-7 March.

274. Deepanjali Rukma, **Roshan Fernandes**. “Motion Detection for Surveillance Monitoring System.” 26-28.
275. Sadhana B. and Shaliini P.R. “A Hybrid Technique for Image Restoration and Segmentation using Neural Networks.” 29-32.
276. Divakara, A K Baradol. “Industrial Libraries, E-Resources and User Services.” A study of Industrials in Dakshna Kannada,1-5.

Department of Library

277. **H. Divakara Bhat** , (2013). “Consortia Based Online Access to Digital Resources in Libraries of Engineering Colleges in Udupi District, Karnataka - A Study.” National Conference on RLEA-VTU, Belgaum, Karnataka.
278. **S.Hari**,(2013). “Digitization and Digital Preservation Requirements and Analysis of Digital Resources.”NACLIN Dec. 10-12, 2013.
279. **H. Divakara Bhat**,(2013).“Information Literacy and Soft Skill Development Strategies for Library Professionals: A Case Study.”ISBN 978-81-928662-0-8, pp. 1-8.

Department of Biotechnology

280. Bhavana , Priyanka H, Anusha K.J, Chaithra G.R, **Sneha Nayak, C.Vaman Rao**, “Phytochemical Screening, Biosynthesis of Cu²⁺ Nanoparticles using Areca catechu Extract and a Study on Its Antibacterial Activity”, Proceedings of International Conference on Agricultural Science and Food Technologies for Sustainable Productivity and Nutritional Security “, pp.80 ,University of Agricultural Sciences , Bangalore ,2016.
281. **Venkatesh Kamath H.**, Samiyabanu, Krupa M.B., Deepak G.M. and **C. Vaman Rao**. “Role of Oxygen in Bacterial Fermentation of Glycerol to

Bioethanol and Process Optimization”. National Conference on “Utilization of Biodiversity for Value Added Products: Food, Pharma, Nutraceutical and Biofuels” Organized by Dayananda Sagar College of Engineering, Bengaluru on 25th and 26th of September 2015.

282. **H.S. Anil Kumar**, Vadlapudi Kumar and N. Vidyavathi, (2015). "Studies on Enzymatic Hydrolysis of Flatulence Causing Oligosaccharide of Different Legumes by α - Galactosidase Isolated from Bacillus Sp." International Conference on Bioactive chemicals for Reproduction and Human Health 26th – 28th February,. Life Science Department, Davangere University, Shivangangothri, Davangere
283. **Sneha Nayak**, Paridhi Damle, Deeksha Hegde, Vinayaka B Shet, **Vaman Rao C**, (2015). “ Optimization of Silver Nanoparticles Biosynthesis From Santalum Alubum Leaf Extract.” International Conference on New Frontiers in Chemical, Energy and Environment Engineering, pp-1-7.
284. Paridhi Damle, Deeksha Hegde, Parth Sani, **Sneha Nayak**, **Vinayaka B Shet**, **Vaman Rao C**,(2015). “ Biosynthesis and Characterization of Silver and Gold nanoparticles Synthesized using Santalum album Tender leaf extract.” 27th National convention of Metallurgical and Materials Engineering & National Seminar on Multi Functional and Adaptive Materials, 6- 7th
285. **Sneha Nayak**, Paridhi Damle , Deeksha Hegde ,Parth Sanil , **Vinayaka B Shet** , **Vaman Rao C**,” Biosynthesis and Charecterization of silver and gold nanoparticles synthesized using Santalum album tender leaf extract ,27th national convention of metallurgical and materials engineers on Multifunctional and adaptive materials “, Karnataka state center of IEI, 2014
286. Pankaj Dinesh Javalkar, **Venkatesh Kamath H.**, Optimization of Microwave Mediated In Situ Transesterfication for Biodiesel Production from Simarouba Glauca Using Response Surface Methodology., Proceedings of ICRTES’ organized by SPVRYAN, Nashik, Maharashtra, India, 23-24, November, pp.361-366, ELSEVIER, (2013).

Department of MCA

287. **Surendra Shetty**, **Sarika Hegde**. Clustering of Instruments in Carnatic Music for Content based Information Retrieval. International Conference on Advanced

Computing, 978-4673-8286-1/16, DIO: 10.1109/IACC. IEEE Computer Society, pp.127-132.

Department of MBA

288. Kizhekepat **Shakaran**,(2012). “ The Emergence of a Public Good Through Online Social Capital Activation.”
289. **Krishna Prasad**, K.R. Suprabha (2014). “Exchange Rate Exposure: Evidence from SIndian Firms.” International Conference on Emerging Trends in Finance & Accounting, August 22-23., IBN: 978-93-83302-02-4.
290. **Krishna Prasad**, K.R. Suprabha (2015). “Measurement of Exchange Rate Exposure: Capital Market Approach Varsus Cash Flow Approach.” Procrdia Economic and Finance, Procedia Economics and Finance25, 394-399.Elsevier, DOI:10.1016/S2212-5671(15)00750-9.
291. **Krishna Prasad**, K.R. Suprabha. (2014). “Anomalies in Maturity Gap: Evidence from Scheduled Commercial Banks in India.” Symbiosis Institute of Management Studies Annual Research Conference, Procedia Economics and Finance11, pp.423-430. Elsevier, DOI: 10.1016/s2212-5671(14)00209-3.
292. **Ashalatha K, Rakesh Shetty**, Jnaneshwarpal, (2014) Role of Education in Women Empowerment with Reference to Udupi District.” KLSIMER. pp.40
293. **Sudhir Raj K.**,(2013). “Market and Government: The Need for Greater Commitment to a Broader Sense of Community.” Management Review National Conference. 29-30, pp. 50-52.
294. **Sudhir Raj K.**,(2013). “Shaping Personality: What Can Neuroscience Tell US?.” Nitte Management Review., pp.63-67.
295. **Issac K. Varghese**, M.Akbar,(2014). “Effect of Institutional distance on financial performance of cross border joint ventures with Indian firms.” The Business & Management Review, V.5, Number.1, International conference on the Restructuring of the Global Economy(ROGE), Cambridge, UK,pp.386.