

## CONFERENCE PUBLICATIONS

### Department of Physics

1. K. B. Manjunatha, Abhir Antony, Poornesh P. “Nonlinear optical studies of Carboxylic Acid Functionalized Multiwall Carbon Nanotubes”, *National Conference on Condensed Matter Physics and Applications – “Cmpa2017” Manipal University, Manipal*, 22<sup>nd</sup> to 23<sup>rd</sup> September 2017.
2. E. Veena, Kasturi V. Bangera, and **G. K. Shivakumar**, Influence of zinc precursor concentration on properties zinc sulphide thin films using spray pyrolysis technique, International Conference on Functional Materials, Characterization, Solid State Physics, Power, Thermal and Combustion Energy, 2017.
3. 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).
4. 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).
5. **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 27<sup>th</sup> – 28<sup>th</sup> March.
6. **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.
7. 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.
8. 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 optics and photonics, Dec 11-15.pp-1-4

9. Dr. I. R. Mithanthaya, Shriram Marathe, NBS Rao, Veena Bhat “Influence of Supperlasticize on the properties of geopolymer concrete using industrial wastes” ELSEVIER – International Conference on Recent Trends in Engineering and Material Sciences (ICEMS) 2016. Material Today: Proceedings 4 (2017) 98039806 – October 2017,1s65
10. Deepa S., Venkatesh S.V., **I.R.Mithathaya**. 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, 9<sup>th</sup>-10<sup>th</sup> September, 2016.*
11. **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.*
12. **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.
13. **Thangamani, R., Radhakrishnan, K.** Water Quality Index of Karkala Municipality Karnataka. International Conference on Emerging Trends in Engineering – ICETE,NMAMIT, Nitte. 2016 on 12<sup>th</sup>&13<sup>th</sup> May, 5(5), 1-6, (2016) DOI:10.15680/IJRSET.2016.0506501
14. **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.
15. **N. Bhavanishankar Rao**, Ramlan Althameez and Albert man Roy. “Geopolymer Concrete Using Industrial Waste Materials.”

16. **Samason O. Ojoawo**,(2014). “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.
17. S.O.Ojoawo and **G. Udayakumar**,(2014). “An Investigation on Trace Metals as Pollution Indices in the Municipal Wastewater of Nitte, Udipi District, India.”ISBN: 978-93-84209-06-3,pp-33,

## Department of Mechanical Engineering

18. Abhijith S, **Srinivasa Pai P, Goutama Hebbar**, “Surface Roughness Prediction in Machining Magnesium based AZ31 Alloy: A Comparison of Modelling Techniques”, *32<sup>nd</sup> Indian Engineering Congress, Chennai, Innovation in engineering: Competitive Strategy Perspective*, December 21-23, 2017.
19. Abhishek B, **Grynal D’Mello, Srinivasa Pai P**, “Prediction of surface roughness in high speed turning of Ti-6Al-4V using Adaptive Neuro Fuzzy Inference system”, *32<sup>nd</sup> Indian Engineering Congress, Chennai, Innovation in engineering: Competitive Strategy Perspective*, December 21-23, 2017.
20. **B. K. Mahesha**, D. Thulasi Durai, D. Karuppannan, and K. Dilip Kumar, “Linear elastic fracture mechanics (LEFM)-based single lap joint(SLJ) mixed-mode analysis for aerospace structure”, *proceedings of fatigue and durability and fracture mechanics, lecture notes in mechanical engineering*, ISBN: 978-981-10-6001-4, pp. 53-66.
21. Grynal D’Mello, Srinivasa Pai P., Rashmi P Shetty, “Surface roughness modeling in high speed turning of Ti-6Al-4V Artificial Neural Network approach”, ICAAMM-2016, Materials Today Proceedings 4 (2017), 2654 – 7664 – October 2017.
22. **Vishwanatha J S and SrinivasaPai P**, “DTCWT AND GLCM for Surface Roughness Evaluation of Ti-6Al-4V Turned Surface Using Computer Vision”, *Proceedings of the International Conference on Manufacturing Technology and Simulation (ICMTS 2017)*, Indian Institute of Technology Madras, Chennai, (7-8 July, 2017)
23. Rashmi, P.S., A. Sathyabhama.,**Srinivasa, P.P and A. AdarshRai** Optimized Radial Basis Function Neural Network model for wind power prediction. Cognitive

Computing and Information Processing (CCIP), 2016 Second International Conference on. (12-13 Aug. 2016).

24. 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)*
25. 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*
26. **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).*
27. 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, 26<sup>th</sup> to 28<sup>th</sup> May (2016). 230-231
28. **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, 26<sup>th</sup> to 28<sup>th</sup> May (2016).231-232
29. 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).
30. **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) 26<sup>th</sup> to 28<sup>th</sup> May.
31. **Ajit M Hebbale**, Srinath M S., Microstructural Characterization of Ni based Cladding on SS-304 Developed through Microwave Energy., 4<sup>th</sup> International Conference on Materials Processing and Characterization, Materials Today: Proceedings 2,pp.141-1420,ELSEVIER.(2016)

32. **Rashmi. P. Shetty.** Sathyabhama, A.,**Srinivasa ,Pai,P.** Wind turbine power optimization studies using particle swarm optimization. *Proceedings of AECT*, 1-5 (2016)
33. **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
34. **Srinivas Pai P.,Niranjan N. Chiplunkar,Shrinivasa Rao B. R., K. Subramanya Bhat,**(2016). “Effecive use of information and communication technology in enhancing teaching – learning outcomes: Some thoughts.” Third International Conference of Transformations in Engineering Education, January 8 to12, .Indo-US Collaboration for Engineering Education.
35. 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 30<sup>th</sup> National Convention of Production Engineering’ on the Theme “Sustainable Manufacturing” pp.12.1-12.11
36. 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 30<sup>th</sup> National Convention of Production Engineers’ on The Theme “Sustainable Manufacturing”, pp.13-1-13-12.
37. 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
38. 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.
39. **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
40. **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, 29<sup>th</sup> – 30<sup>th</sup> March, ISBN 978-93-5196-889,pp-1-18.

41. 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 12-13<sup>th</sup> March. ISBN 978-93-84743-55-0, PP-124.128.
42. 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 12-13<sup>th</sup> March. ISBN 978-93-84743-55-0, PP-30.34.
43. **Srinivas Pai P, Niranjana 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.
44. 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 15<sup>th</sup> – 17<sup>th</sup> May, Pp. 243.
45. **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.
46. **Srinivas Pai P, Niranjana N. Chiplunkar, Shrinivasa Rao B R., K. Subrahmanya Bhat**,(2014). " Understanding the influence of Faculty research on Student's learning and performance." 44<sup>th</sup> Annual National convention of ISTE.pp-201-204.
47. Venugopal. T. R., **Muralidhara**, Rathnamala Rao,(2014). "Development of micro – EDM Incorporating In – Situ Measurement System." Procedia Material Science 5 pp.1897-1905.
48. 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.
49. **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.
50. 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.
  51. 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.
  52. 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.
  53. 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.
  54. 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.
  55. 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.
  56. 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.
  57. 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.
  58. 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.

59. **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.
60. **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
61. **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.
62. 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.” 64<sup>th</sup> International Astronautical Congress, Beijing, china.by the International Astronautical Federation. Pp. 1-7
63. **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.
64. 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.
65. 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.” 3<sup>rd</sup> International Conference on Mechanical, Automotive and Materials Engineering .pp.107-111.
66. 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.
67. 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.



68. **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.
69. 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.
70. **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.
71. 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.
72. 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.
73. 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.
74. **Sudesh bekal** and Shetty Soorsj 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.
75. G.S. Vijay, **Srinivasa P. Pai** and N.S. Sriram,(2012). “Genetic Algorithm based Neural Network for Classification of Rolling Element Bearing Condition.” National Symposium on Acoustics,pp.463-468.
76. 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.
77. 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.

78. 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.
79. **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 ManagementStudies (ACCOMIM) 11-13, July.ISBN 978-93-82338-04-8, pp -560-567.
80. 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.
81. Peter Fernandes (2012). “Experimental investigation and Quench Severity of Mineral Oil and Vegetable Oil Blends.” International Conference on Materials Processing and Characterization, march 8-10, pp.704-710.
82. 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.” 25<sup>th</sup> International Congress on Condition Monitoring and Diagnostic Engineering IOP Publishing Journal of Physics: Conferences Series 364, dol: 10.1088/1742-6596/364/1/012023.
83. **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 Institue of Technology, January 4-6,pp.271-275.
84. Ravinarayana Bhat N and **Sudesh Bekal**, (2012). “Performance of Vegetable Oil Lubricated CI Engine on Bio – Fuel.” 2<sup>nd</sup> International Conference on Advances in Mechanical, Manufacturing and Building Sciences(ICAMB- ), held at VIT University, Vellore during 9<sup>th</sup> to 11<sup>th</sup> January,
85. **G. Upadhyaya**, K.S.Bhat,(2012). “Quality initiatives: A Literature Review on Relationship, Blending and Scope for Research.”Pp.1-7.

86. **Muralidhara**, Rithesh Baliga B, Gokul R, Gregory Prashanth D 'Souza, Gireesh Madev Moger,(2012). "Experimental Investigations on Piezoelectric based Prototype Actuator."
87. Vishwanath K. M, Girish M. Gouda, **Sudesh bekal**,"Study on Preparation and Characterization of thin film materials."
88. **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.
89. 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.
90. 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 9<sup>th</sup> to 11<sup>th</sup> January 2011.
91. **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.
92. Rajesh Kumar B., Harsha Vardhan and Govindaraj M.(2011). "Study of Relationship between Uniaxial Compressive Strength of Metamorphic Rock and Sound Levels Produced During Drilling." International Conference on Earth Sciences and Engineering 20<sup>th</sup> – 21<sup>st</sup> Feb. paper No:1214.
93. 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.
94. **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,.
95. 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.

96. **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.
97. 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 24<sup>th</sup> International Conference on Condition Monitoring and Engineering Management, pp-843-852.
98. **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.
99. **Srinivas Pai P, Subrahmanya Bhat K, Shrinivasa Rao B.R,**(2010). "Entry of Foreign Universities to India: Issues and Challenges Ahead." 40<sup>th</sup> ISTE National Annual Convention, Dec. 2-4, Mepco Schlenk Engineering College, Sivakasi, Tamilnadu.
100. **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 54<sup>th</sup> Congress of ISTAM Netaji Subhas Institute of Technology, New Delhi, pp-21-26.
101. Rajesh Kumar, Harsha Vardhan, M.Govindaraj, Badal Yadav, (2010). "A Field Investigation on The Study of Relationship Between Universal Compressive Strength of the Rock and the Sound Levels Produced During Drilling." International Conference on 'Frontiers in Mechanical Engineering, FIME20th -22<sup>nd</sup> May, pp.228-233.
102. 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, 8<sup>th</sup> – ASPACC, pp.928-935.
103. 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 8<sup>th</sup> ASPACC.pp-928-935.Hyderabad.

104. 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, 5<sup>th</sup> 6<sup>th</sup> March.,
105. 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, 5<sup>th</sup> 6<sup>th</sup> March.,
106. 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.
107. Hemanth Suvarna, Jayaram Thumbu, **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, 5<sup>th</sup> 6<sup>th</sup> March., pp.1-7.
108. **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 21<sup>st</sup> National Conference in Engine & Combustion Bapuji Institute of Engineering & Technology , Davangere, Karnataka, Dec.10-12,pp.379-386.
109. **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." 7<sup>th</sup> Asia- Pacific Conference on Combustion, National Taiwan University, Taipei, Taiwan 24-27 May,
110. 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.
111. **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.
112. Shivakumar, **Srinivas Pai P**, **Shrinivasa Rao B.R**, Samaga B.S,(2009). "Effect of Injection Timing On Performance of 4 Stroke C.I.Engine With Waste Cooking Oil as Biodiesel." Proceedings of the 21<sup>st</sup> National Conference in Engine & Combustion Bapuji Institute of Engineering & Technology , Davangere, Karnataka, Dec.10-12,pp.369-378.

113. 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.
114. 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- 25<sup>th</sup> March.
115. 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

116. Jayashree M. **Dr. Naegsh Prabhu**, “Simulation and Performance Analysis of a Three Phase Voltage Source Converter with Energy Storage”, International Conference on smart grids, power and Advanced Control Engineering(ICSPACE) and chaired the session at Global Academy of Technology, Bangalore, 17-19 August 2017.
117. R.C Mala,**Dr. Nagesh Prabhu**, H. V. Gururaja, “Impact of SSSC-ES on Bifurcations of SSR”, 1<sup>st</sup> International Conference on Power Engineering, Computing and Control, PECCON -2017, VIT University, Chennai, September 2017.
118. **Dinesh Shetty, Nagesh Prabhu**, “Ziegler Nichols method based Robust reactive current controller for STATCOM”, 1<sup>st</sup> International Conference on Power Engineering, Computing and Control, PECCON -2017, VIT University, Chennai, September 2017.
119. **Dinesh Shetty, Nagesh Prabhu**, “Analysis and Performance evaluation of Type 1 Fuzzy Reactive Current Controller with STATCOM”, 1<sup>st</sup> International Conference on Power Engineering, Computing and Control, PECCON -2017, VIT University, Chennai, September 2017.
120. **Akshaya Shetty D.**, Disha, **Shubha B.**, **Suryanarayana K** Detection and tracking of a human using the infrared thermopile array sensor-“Grid-EYE””. In Proceeding of IEEE International Conference on Intelligent Computing,

Instrumentation and Control Technologies, Vimal Jyothi Engineering College, Kannur, Kerala. 6<sup>th</sup> and 7<sup>th</sup> July 2017, (2017).

121. Vimal P. V., **Shivaprakasha K. S.** IoT based greenhouse environment monitoring and controlling system using Arduino platform. In Proceeding of IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies, Vimal Jyothi Engineering College, Kannur, Kerala. 6<sup>th</sup> and 7<sup>th</sup> July 2017, (2017).
122. Mahima, **Padmavathi N. B.** Comparative study of kernal SVM and ANN classifiers for brain neoplasm classification. In Proceeding of IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies, Vimal Jyothi Engineering College, Kannur, Kerala. 6<sup>th</sup> and 7<sup>th</sup> July 2017, (2017).
123. Shreesha S., **Mahaveer K.** A comparative analysis of Vernier delay line TDC based on resolution, area, power and conversion time. In Proceeding of International Conference on Signal, Image Processing, Communication and Automation, J. S. S. Academy of Technical Education, Bengaluru, Karnataka. 6<sup>th</sup> and 7<sup>th</sup> July 2017, (2017).
124. Abhilash K.J., **Shivaprakasha K. S.** Security attacks and countermeasures in MANETs: A survey. In Proceedings of National Conference on Emerging Trends in Wireless Communication and Signal Processing (NCETWCSP – 2017), NMAM Institute of Technology, Nitte, 17-18 March 2017, 42-47, (2017).
125. Mahima, **Padmavathi N.B.**, and Maya Karki V., NSCT based medical image fusion and classification using SVM classifier, In Proceedings of National Conference on Emerging Trends in Wireless Communication and Signal Processing (NCETWCSP – 2017), NMAM Institute of Technology, Nitte, 17-18 March 2017, 01-05, (2017).
126. Chethan K.,**Dr. Rekha Bhandarkar**, A review of content based medical image retrieval of brain magnetic resonance images, In Proceedings of National Conference on Emerging Trends in Wireless Communication and Signal Processing (NCETWCSP – 2017), NMAM Institute of Technology, Nitte, 17-18 March 2017, 30-33, (2017).
127. Sukanya Surendra Pai, Ranjan Hebbar S. R., Akshath Kumar, Akash K. and **Durga Prasad**, Communication subsystem design for nano-satellites, STUDSAT-2, In Proceedings of National Conference on Emerging Trends in Wireless Communication and Signal Processing (NCETWCSP – 2017), NMAM Institute of Technology, Nitte, 17-18 March 2017, 51-55, (2017).

128. **Sairam, K. V. S. S. S. S.** , Chandra Singh, Analysis of reconfigurability issues by using optical network. in Proceeding of International Conference on Optical & Wireless Technologies (OWT-2017), Malaviya National Institute of Technology, Jaipur, India, 18-19 March 2017, (2017).
129. **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.
130. 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.
131. 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.2016.51 April 2016.
132. **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.
133. 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.
134. **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

135. 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.
136. 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.
137. **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.
138. **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.
139. **K. V. Shettigar**, Harshitha K T, “Embedded Fuzzy Cruise Controller”, International Conference on Industrial Electronics & Electrical Engineering(ICIEEE), IRF BANGALORE, 15TH MAY 2016.
140. **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.
141. **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.

142. **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.
143. **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.
144. **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.
145. **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.
146. **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.
147. **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
148. 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

149. **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.
150. **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.
151. **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.
152. **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.
153. **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.
154. **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.
155. **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.

156. **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.
157. **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.
158. **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 .
159. **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.
160. **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.
161. 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.

162. 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, IJIREEICE, DOI: 10.17148/IJIREEICE/NCAEE.2016.25, April 2016.
163. Sushith K, **Md Abdul Raheman, Muralidhara**, Rathnamala, "Tracking error reduction in APA230L using feedforward–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
164. 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.
165. 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.
166. **K. V. Shettigar**, Rajesh Babu, "Design and Implementation of SEPIC for PV applications", National Conference On Emerging Computing paradigms, NMAMIT, NITTE, MARCH 2016.
167. 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.
168. 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
169. 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

170. 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.
171. 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.
172. 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
173. 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
174. 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
175. 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
176. 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.
177. Amritha Kolari, **Nayana Shetty**, An Intelligent System for Easy Navigation of Visually Impaired in Public Transit., International conference on Emerging Trends in engineering 8<sup>th</sup> – 9<sup>th</sup> May, (2015).

178. Kumbar, **Nayana P Shetty**, Implementation of Converter for Solar Powered Water Pumping System, National Conference on Electrical power system engineering (2015)
179. 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.
180. 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.
181. 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.
182. 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
183. 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 15<sup>th</sup>- 16<sup>th</sup> 2013 at NMAMIT, Nitte (Karnataka).
184. 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).
185. **Pradeep Kumar**, Shanawaz L P “Low Power Design and Verification of a GPIO IP in System on Chip Context”, 1<sup>st</sup> IEEE National Conf. on Electrical &

Electronics Engg., NCEEE-2014, 5 Jun 2014, HKBK College of Engg., Bangalore

186. 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], 10-11<sup>th</sup> 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
187. 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

188. **Desai, U.**, Nayak, C. G., Seshikala, G., Martis, R. J., Automated diagnosis of coronaryartery disease using pattern recognition approach. In Proceedings of Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Jeju Island South Korea, 11-15 July 2017, 434-437 (2017).
189. Madhushree K., **Niju Rajan**, “Test power optimization using clock gating”, IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies, Vimal Jyothi Engineering College, Kannur, Kerala (ICON – 2017), 6<sup>th</sup> and 7<sup>th</sup> July 2017.
190. Mahima, **Padmavathi N. B.**, Maya Karki V. Feature extraction using DPSO for medical image fusion based on NSCT, In Proceedings of IEEE International Conference on Recent Trends In Electronics Information Communication Technology, India, 19-20 May 2017,(IEEE Explore), (2017).
191. Madhushree, **Niju Rajan**. Dynamic power optimization using look-ahead clock gating technique. In Proceedings of IEEE International Conference on Recent Trends in Electronics, InformationCommunication Technology, SVCE, Bengaluru, 19- 20 May 2017, (IEEE Explore), (2017).
192. **Sairam, K. V. S. S. S. S. ,** Chandra Singh, Optical Network Survivability: An Overview. inProceeding of International Conference on Innovations and



Sustainable Development in Sciences, Management and Technology, Shri Shankaracharya Institute of Professional Management and Technology, Raipur, India, 25 – 26 March 2017, (2017).

193. **Sairam, K. V. S. S. S. S. , Shivaprakasha, K. S.,** Chandra Singh, Optimal Enhancement of Network Lifetime by using Energy Efficient Communication in Wireless Sensor Networks. in Proceeding of International Conference on Innovations and Sustainable Development in Sciences, Management and Technology, Shri Shankaracharya Institute of Professional Management and Technology, Raipur, India, 25 – 26 March 2017, (2017).
194. **Shivakumar, B. R.,** Rajashekararadhya, S. V., Spectral similarity for evaluating classification performance of traditional classifiers. In Proceedings of International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), Sri Sivasubramaniya Nadar College of Engineering, Chennai-603110, India, 22 – 24 March 2017, (2017).
195. **Sairam, K. V. S. S. S. S. ,** Chandra Singh, Analysis of reconfigurability issues by using optical network. in Proceeding of International Conference on Optical & Wireless Technologies (OWT-2017), Malaviya National Institute of Technology, Jaipur, India, 18-19 March 2017, (2017).
196. Prajna K., **Charishma.** Implementation of an adaptive filter robust to impulsive noise. In Proceeding of International Conference on Innovations in Information, Embedded and Communication Systems (ICIICS), Karpagam College of Engineering, Coimbatore, India. 17-18 March 2017, (2017).
197. Melisa Pereira, **Nagapriya Kamath K,** A Novel IoT Based Health Monitoring System Using LPC2129, IEEE International Conference On Recent Trends In Electronics Information Communication Technology, May 19-20, 2017, India.
198. Shravana Karantha P., **Dr. Veena Devi Shastrimath V.** Review on lossless data compression using X-MatchPRO algorithm. In Proceedings of IEEE International Conference on Recent Trends in Electronics, Information Communication Technology, SVCE, Bengaluru, 19- 20 May 2017, (IEEE Explore),(2017).
199. Shravana Karantha P., **Dr. Veena Devi Shastrimath V.** Overview of different lossless data compression techniques. In Proceedings of International Conference on Emerging Trends in Science & Engineering ICETSE – 2017, Coorg Institute of Technology, Ponnampet, S. Kodagu, Karnataka, India, 11-12 May 2017, (2017).

200. Annette Nayana Palanna, **Veena Devi Shastrimath V.** Target detection in satellite images. In Proceedings of International Conference on Emerging Trends in Engineering, Special Issue of NMAMIT Annual Research Journal, 2017. 12 May, 2017,(2017).
201. **Sunitha Lasrado**, Shahla Praveen. Comparative study of edge detection technique in video streams using Simulink and XSG blockset. In Proceedings of International Conference Emerging Trends in Science and Engineering (ICEETSE-2017), Coorg Institute of Technology, Ponnampet, S. Kodagu, Karnataka, India, 11-12 May 2017, International Journal of Emerging Research in Management and Technology (IJERMT) 06 (2017).
202. Shahla Praveen, **Sunitha Lasrado**. Computation of traffic density in video streams using XSG blockset. In Proceedings of 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2017), SVCE, Bengaluru, 19- 20 May 2017, (IEEE Explore), (2017).
203. Vardhana M., **Sunitha Lasrado**. VLSI implementation and software co-simulation of edge detection algorithms for biomedical image processing. In Proceedings of 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2017), SVCE, Bengaluru, 19- 20 May 2017, (IEEE Explore), (2017).
204. **Nagapriya Kamath K.** A novel IoT based health monitoring system using LPC 2129, In Proceedings of 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2017), SVCE, Bengaluru, 19- 20 May 2017, (IEEE Explore), (2017).
205. **Sairam, K. V. S. S. S. S. ,** Chandra Singh, Optical Network Survivability: An Overview. In Proceeding of International Conference on Innovations and Sustainable Development in Sciences, Management and Technology, Shri Shankaracharya Institute of Professional Management and Technology, Raipur, India, 25 – 26 March 2017, (2017).
206. **Sairam, K. V. S. S. S. S. , Shivaprakasha, K. S.,** Chandra Singh, Optimal Enhancement of Network Lifetime by using Energy Efficient Communication in Wireless Sensor Networks. in Proceeding of International Conference on Innovations and Sustainable Development in Sciences, Management and

Technology, Shri Shankaracharya Institute of Professional Management and Technology, Raipur, India, 25 – 26 March 2017, (2017).

207. **Shivakumar, B. R.**, Rajashekararadhya, S. V., Spectral similarity for evaluating classification performance of traditional classifiers . In Proceedings of International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), Sri Sivasubramaniya Nadar College of Engineering, Chennai-603110, India, 22 – 24 March 2017, (2017).

208. **Karthik, Shivakumar, B. R.**, Change Detection using Image Differencing: A Study Over Area Surrounding Kumta, India. in Proceeding of Second IEEE International Conference on Electrical, Computer and Communication Technologies, SVS College of Engineering, Coimbatore, India, 22- 24 February 2017, (2017).

209. **Shivakumar, B. R.**, Rajashekararadhya, S. V. , Performance Evaluation of Spectral Angle Mapper and Spectral Correlation Mapper Classifiers over Multiple Remote Sensor Data. in Proceeding of Second IEEE International Conference on Electrical, Computer and Communication Technologies, SVS College of Engineering, Coimbatore, India, 22- 24 February 2017, (2017).

210. Prabha Niranjana, Sairam, K.V.S.S.S.S., Shashikantha Karinka, Position Control of Single Stage Dual Range Positioning System. in *Proceeding of IEEE Student Conference on Research and Development, Berjaya Times Square Hotel, Kuala Lumpur, 13th and 14<sup>th</sup> December 2016*, (2016).

211. **Padmawathi, K.**, Karki Maya, V., Bhat Mahima. Medical Image fusion of different modalities using dual tree complex wavelet transform with PCA. in *Proceeding of 2<sup>nd</sup> International Conference on Circuits, Control, Communication and Computing, M. S. Ramaiah Institute of Technology, Bengaluru, Karnataka, 4th to 6th October 2016*, (2016).

212. Siddesh Gaonkar, **Sushma P.S.**, Modeling and design of high CMRR two stage OTA for Gm – C Filter application using 0.18  $\mu\text{m}$  CMOS Technology. IEEE sponsored 3<sup>rd</sup> International Conference on Electronics and Communication Systems, 978-1-4673-7832-7832-1/16, 2016

213. Siddesh Gaonkar, **Sushma P.S.**, Amra Fathima, Design of high CMRR two stage driven OTA using 0.18  $\mu\text{m}$  CMOS Technology, International Conference Computer Communication and Informatics, Jan, 07-09,Coimbatore, India, (2016)
214. **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.
215. **Usha ,Desai.**, Gurudas C Nayak., Sehikala, G., Roshan Joy Martis. Automated Diagnosis of Arthymia Beats Using ECG with DWT, PCA and SVM Techniques. *2<sup>nd</sup> International Conference on Biomedical Systems, Signals and Images (BSSI) IIT M. Chennai* (2015).
216. **Prabha Niranjana, K. V.S.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 Conecct- 2015 1570157895 IIIT, Bangalore, 10-11 July 2015. Pp.-1-6
217. **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.
218. 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
219. 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.
220. Swathi K, **Sushma P.S.** “Steady State Analysis of Buck Converter using MOSFET and IGBT as a Switch.226-228.
221. Aishwarya Rani Rajeev , C.K. Naik. “Modeling and Characterization of Foreign Exchange Station.” 268-272.

222. Salam Devayani Devi, **Shrividya G.** “Image Fusion Algorithms for Multi – Focus Images.” 273-277.
223. Anita Shrinivas, Durga Prasad. “Physical Layer Design Issues in Wireless Body Area Networks.” 278-283.
224. Kalpa Shetty, **Padmavathi N.B.** “ Face Recognition Technique for Digitally Tampered Facial Images using Scale Invariant Feature Transform.”284-287.
225. Swathi A.S,Magesh Subramani, Pradyumma G.R and Anindya Saha. “Memory Wrapper Automation for System on Chip.” 288-292.
226. Apoorva Hegde, **Usha Desai.** “Visual Lossless Color Image Compression and Reconstruction using Byte Compression.” 298-301.
227. Prita Sharma, Venkata Nagabhushanam, Rekha Bhandarkar and L. Ramkrishnan. “Multi Layered Graphics Engine using High Speed Embedded Platform for RADAR Applications.” 310-313.
228. Mahesh Deginal, Ravindra K.S and Sulabh Gupta. “Smart Battery Monitoring System using Controller Area Network.” 330-333.
229. Abhaya Kumar C.H, Mahaveera K, Imtiyaj Shaikh, Shivaprasad S and Apeksha Abhay Gupta. “FPGA Implementation of Universal Synthesizable Testbench.”338-341.
230. 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.
231. Durga Prasad, Niranjana N. Chiplunkar, K. Prehakar Nayak,(2012). “Channel Modeling and Performance Analysis of Shift Keying Modulation Techniques in Various Fading Channel of Wireless Body Area Networks.” International Conference in Engineering Trends, 1-6.
232. Durga Prasad, Niranjana N. Chiplunkar, K. Prehakar Nayak,(2012). “BIT Error Rate (BER) Analysis of Shift Keying Modulation Techniques in Various Fading Channels of Wireless Body Area NETWORK.” 1-5.
233. 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.

234. Aruna Dore, Sunitha Lasrado,(2014). "Performance Analysis of Sobel Edge Filter on Heterogeneous system using opencl." Volume .03, Issue, 03.pp.53-57.
235. Sindhu B. Terada, Nelson Pereiraand Roopa B. Hegde,(2013). "Cross Compiling Raspberry Piremotely 10 a Windows Machine."

### Department of Information Science

236. **Deepa**, Jyothi K. A Robust and Efficient Pre Processing Techniques for Stereo Images. International Conference on Electrical, Communication, Computer Technologies and Optimization Techniques ICECCOT 2017,15-16 December 2017 at GSSS Institute of Engineering & Technology for Women, Mysuru,KarnatakaI
237. **Ashwini B**, Yuvaraju B.N. Aditya Pai, Aditya Baliga "Real Time Identification and Classification of Vehicles and Pedestrians using Haar Cascade Classifier with Background Subtraction" IEEE Technically sponsored International conference on Computational systems and Information Technology for sustainable solutions held at RVCE,Bangalore from December 21st to 23rd 2017.
238. **Balasubramani R, Niranjan N Chiplunkar**, Attainment of Programme Outcomes through Course Outcomes In Outcome Based Education: A Case Study, Journal of Engineering Education Transformations, Volume 31, No. 2, October 2017.
239. **Abhishek Rao**, Naveen D Chandavarkar, Development of an Application for Better Online Shopping using Computer Vision.International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017). November 2017. Chennai India. ISSN Number 978-1-5386-1887-5.
240. **Pranesh V. Kallapur**, Nitish Ranjan, Rohan Vidtarthi, Anshuman, Vishwamitra Singh, "Enhanced Variant of RPL for Improved Security", International Conference on Advances in Computing, Communications and Informatics. September 2017. Manipal India. ISBN: 978-1-5090-6367-3, September 2017.
241. Jason Elroy Martis, **Abhir Bhandary**, Mr. Sannidhan M S, Mr. Sunil Kumar Aithal "A cost effective approach for detecting electricity theft using raspberry pi board" International Conference on Current Trends in Computer, Electrical, Electronics and Communication. Mysore India. ISBN: 978-1-5386-3243-7, September 2017.

242. **Abhir Bhandary**, Kokila R.,Sannidhan M. S, A “Novel approach for Matching Composite Sketches to Mugshot Photos using the Fusion of SIFT and SURF Feature Descriptor” International Conference on Advances in Computing, Communications and Informatics.. Manipal India. ISBN: 978-1-5090-6367-3, September 2017.
243. Nagesh H. R.,**Karthik Pai B. H.,Niranjan N. Chiplunkar** “Mitigation and performance evaluation Mechanism for Selfish Node Attack in MANETs” - Third International Conference on Computing, Communication, Control and Automation (ICCUBEA) -2017
244. **Karthik Pai B. H.** Mitigation and performance evaluation Mechanism for Selfish Node Attack in MANETs . International Conference on Computing Communication, Control and Automation . August 2017. Pune India . ISSN Number 978-1-5090-3774-9.
245. Jyoti Shet,**Deepa**, "*Multidimensional Trust-Based Energy Aware Routing Protocols in Multihop Wireless Networks* " ,2017 International Conference on Intelligent Computing, Instrumentation and Control Technologies ICICICT", 6<sup>th</sup> – 7<sup>th</sup> July, 2017 at Vimal Jyothi Engineering College, Kannur, Kerala, India.
246. Raghurama, Gururaja Rao P, Rajesh Poojary, Gajendra S Patagara, **B Neelima**, Face Classification using Convolution Neural Networks, 6<sup>th</sup> International Engineering Symposisum- IES 2017, March 1-3, 2017, Kumamoto University, Japan.
247. Suhail Ahamed Nisar Shaha, **Vasudeva Pai,Uday Kumar K Shenoy**, "Performance Evaluation ofWRP, DSR and AODV Protocol Using CBR Traffic in Mobile Nodes", International Conference on Emerging Trends in Engineering (ICETE- 2017).
248. Aishwarya Jain N B, **Karthik Pai B H**, "Mitigation Mechanism for Node Replication Attack in MANETs", International Conference on Emerging Trends in Engineering (ICETE- 2017).
249. Nandini, **Karthik Pai B H**, "Prevention Mechanism for WormHole Attack Using DSR and TORA in MANETs", International Conference on Emerging Trends in Engineering (ICETE- 2017).
250. Avaniandana P S, Balasubramanya Asista, **Abhir Bhandary**, Prasanna Datha, Rakesh, "Digital ECG Data Acquisition System", International Conference on Emerging Trends in Engineering (ICETE- 2017).

251. **Pranesh V Kallapur**, Tanzila Nargis, "Performance Analysis of LABILE and REL Using Castalia Simulator" IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT' 2017), Vimal Jyothi Engineering College, Kannur, Kerala, India, 6-7 July, 2017.
252. **Dr. Balasubramani**. "An Effective Emotio Recognition from Facial Expression Using Pattern Based Approach." National Conference on Emerging Trends and Advances in Information Technology, AIT, Chikkamagaluru on 7<sup>th</sup> – 8<sup>th</sup> April 2017.9
253. **Dr. Balasubramani R.**(2017). "Towards Achieving Efficient and Secure way to Share the Data." International Advance Computing Conference 2017.
254. **Shalaka B, Sudeepa K.B, Dr. Balasubramani R.**(2017). "A Secure Transmission using Audio Steganography Based on Randomized LSB Technique." International Conference on Emerging Trends in Engineering, Nitte 12<sup>th</sup> May 2017.
255. **Raghunandan K R**, Rashmi Shetty, Ganesh Aital, KEY GENERATION & SECURITY ANALYSIS OF TEXT CRYPTOGRAPHY USING CUBIC POWER OF PELL'S EQUATION in the 2017 IEEE international conference on "Intelligent Computing, Instrumentation and Control Technologies ICICT'2017' held at Vimal Jyothi Engineering college, Kannur on July 6th and 7th 2017.
256. **Raghurama, Gururaja Rao P, Rajesh Poojary, Gajendra S Patagara, B. Neelima.**, *Face Classification using Convolution Neural Networks*; 6<sup>th</sup> International Engineering Symposium – IES 2017, 01<sup>st</sup> - 03<sup>rd</sup> March, 2017, Kumamoto University, Japan, page no. E2-5-1 to E2-5-6
257. Prathima, Preethi C Shetty, Pratvi B, Pavithra, **Deepa**, COMPARATIVE STUDY ON DIFFERENT MANET ATTACKS " Proceedings of NCIS 2017; 7<sup>th</sup> National Conference on "Information Sciences ", 24<sup>th</sup> - 25<sup>th</sup> March, 2017 at School of Information Sciences (SOIS), Manipal, Karnataka, India.
258. **Ashwini B.**, Yuvaraju B.N, *Data, Comparison of SURF and MSER Features for Vehicle Detection* Proceedings of INDIACom-2017; 4<sup>th</sup> International Conference on "Computing for Sustainable Global Development", 01<sup>st</sup> - 03<sup>rd</sup> March 2017 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).



259. **Dr. Balasubramani R.**(2016). “A Secure Acknowledgement Based Intrusion Detection System for Misbehaving Links in MANET.” International Conference on Emerging Trends in Engineering, Nitte, Udupi, Karnataka 12<sup>th</sup>& 13<sup>th</sup> May 2016.
260. **Ashwini B,** Deepashree B., Dr. Yuvaraju B. N., **Venugopala P. S.**, Identification of Vehicles in Traffic Video, International conference on Signal Processing, Communication, Power and Embedded System (SCOPEs)-2016
261. **Sudeepa,K, B, Raju, K, Sannidhan, M, S, Abhir, Bhandary** "Maximum Period Word Oriented Non-Binary Key Sequence Generation and its Application in Image Encryption/Decryption" in 2016 International Conference on Emerging Technological Trends [ICETT], October 21-23, Kollam Kerala, ISBN 978-1-5090-3750-6
262. **Ashwini, B,** Yuvaraju,B N, Deepashree, B, **Venugopala, P,S** "Identification of Vehicles in Traffic Video" in International Conference on Signal Processing, communication Power and Embedded System(Scopes 2016) held at Odisha during October 03-05,2016
263. **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.
264. 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).
265. **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
266. 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.
267. **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

268. **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 15<sup>th</sup> to 20<sup>th</sup> Nov. 2015, Austin, Texas, USA. ISBN: 978-1-4503-3961-2 doi: 10.1145/2831425.2831430
269. **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 28<sup>th</sup> IEEE International Parallel and Distributed Processing Symposium (IPDPS-14), 19<sup>th</sup> to 23<sup>rd</sup> May, 2014 at Arizona, USA. PP: 51-58, Published by IEEE Computer Society. ISBN 978-0-7695-5207-1.
270. **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. 22<sup>nd</sup> to 24<sup>th</sup> December, 2014. ISBN: 978-1-4799-5957-0.
271. **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. 22<sup>nd</sup> to 24<sup>th</sup> December, 2014. ISBN: 978-1-4799-5957-0.
272. **Neelima B.**, G. Ram Mohana Reddy and Prakash S. Raghavendra (2014). A GPU Framework for Sparse Matrix Vector Multiplication. 13<sup>th</sup> International Symposium on Parallel and Distributed Computing (ISPDC-14), 24<sup>th</sup> to 27<sup>th</sup> June, 2014 at Porquerolles Golden Island, France. PP: 1427-1436, published by IEEE Computer Society. ISBN: 978-0-7695-5265-1
273. Sahana Damale, **Neelima B.**, Ningareddy Modase (2014). GDB Debugger Tool for Microcontroller. International Conference on Information and Communication Technologies (ICICT-2014), 5<sup>th</sup> and 6<sup>th</sup> May, 2014 at PESIT-Shimoga. International Journal of Computer Applications. 23-25pp. ISSN: 0975-8887.
274. Chandana T. Mallya, Kavitha Sooda, **Manasa S.** (2014). "Analysis of 4G/LTE Networks." International Conference on Emerging Trends in Engineering (ICETE) 15<sup>th</sup> -17<sup>th</sup> May. ISBN: 978-93-83083-80-0.pp-43-45
275. 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) 15<sup>th</sup> -17<sup>th</sup> May. ISBN: 978-93-83083-80-0.pp.35-36.

276. **Devidas Bhat**, Veena,(2014). “A Scalable Two – Phase Top – Down Generalization and Specialization Approach on Cloud.” International Conference on Emerging Trends in Engineering (ICETE) 15<sup>th</sup> -17<sup>th</sup> May. ISBN: 978-93-83083-80-0.pp.8.11

277. 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) 15<sup>th</sup> -17<sup>th</sup> May. ISBN: 978-93-83083-80-0.pp.241-242.

278. Sharath Kumar, **Karthik Pai B. H.** (2014). “Performance analysis of Wormhole attack under Collaborative Environment.” International Conference on Emerging Trends in Engineering (ICETE) 15<sup>th</sup> -17<sup>th</sup> May. ISBN: 978-93-83083-80-0.pp. 81-85.

279. 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.

280. 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.

281. Shrisha 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

282. **Balasubramani R.**(2014). “Participation of Industry in Curriculum Design and Delivery.” 2<sup>nd</sup> word commit and Accreditation organized by NBA, New Delhi 8-11 March 2014. ISBN: 978-93-84052 – 12 -6.pp.98-111.

283. **Neelima B.**, Anirudh Udupa G., Jane Shailoh Quadras, Gururaja Rao P.,(2013). “Graphics Processing Unit(GPU) Implementation Methodology of AERMOD Model

284. **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 5<sup>th</sup> – 6<sup>th</sup> /may. Pp.1-4.

285. **Manasa Shetty**, Srinivas Piska, **Neelima B.** (2013). “A Smarter Approach to Smart Meter Gateway Security”. National Conference on Engineering and Management NCETEM-13. 1<sup>st</sup> and 2<sup>nd</sup> March, 2013. PESITM, Shivamoga, Karnataka, India.
286. **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. 15<sup>th</sup> to 16<sup>th</sup> May, 2013. NMAM Institute of Technology, Nitte, Karnataka, India.
287. 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. 15<sup>th</sup> to 16<sup>th</sup> May, 2013. NMAM Institute of Technology, Nitte, Karnataka, India.
288. **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.
289. 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.
290. 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.
291. **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. 15<sup>th</sup> to 16<sup>th</sup> May-2012. Organized by NMAMIT, Nitte.
292. **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. 11<sup>th</sup> to12<sup>th</sup> April, 2012. ISBN: 978-93-80406-72-5.
293. **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. 11<sup>th</sup> to 12<sup>th</sup> April, 2012. ISBN: 978-93-80406-72-5.

294. **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. 11<sup>th</sup> to 12<sup>th</sup> April, 2012. ISBN: 978-93-80406-72-5.
295. **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. 11<sup>th</sup> to 12<sup>th</sup> April, 2012. ISBN: 978-93-80406-72-5
296. **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.
297. **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.

### Department of Computer Science

298. Sandhya S and **Roshan Fernandis** Lip Print: an emerging Biometric Technology- A Review IEEE International Conference On Computational Intelligence And Computing Research, 14-16 December 2017.
299. **Anisha P R**, Archana R, **Niranjan N C**, "Sentiment Analysis of Real Time Twitter data using Big data Approach", IEEE Sponsored 2nd International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS2017), 21-23 December, 2017, at R.V. COLLEGE OF ENGINEERING, Bengaluru, India.
300. Aswitha T **A, Anisha P R,** **Niranjan N C,** "Movie Dataset Analysis using Hadoop-Hive", IEEE Sponsored 2nd International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS-2017) 21-23 December, 2017, at R.V. COLLEGE OF ENGINEERING, Bengaluru, India.

301. **Anisha P R, Niranjan N C**, Aswitha T A., " Big Data Analytics with Hadoop Hive and MySQL:A Case Study", Fourth International Conference Computational Methods in Engineering and Health Sciences (ICCMEH-2017) 19-20, December 2017, at MIT Manipal, India
302. **Anisha P R, Niranjan N C**, Archana R., "Real Time Twitter data Analysis using Hadoop Ecosystem" 4<sup>th</sup> International Conference Computational Methods in Engineering and Health Sciences (ICCMEH-2017) 19-20, December 2017, at MIT Manipal, India
303. **Sandeep K H.**, Monica R M, "Analyzing cognitive computing techniques for processing big data: a review" Fourth International Conference Computational Methods in Engineering and Health Sciences (ICCMEH-2017) 19-20, December 2017, at MIT Manipal, India.
304. **Rajalxmi H.**, Seema S., "A study on pattern classification approaches for mining opinions and sentiments" Fourth International Conference Computational Methods in Engineering and Health Sciences (ICCMEH-2017) 19-20, December 2017, at MIT Manipal, India.
305. **Sreekantha D. K.** Krishna Prasad N Rao, "A Review on Applications of Unmanned Aerial Vehicle in Agricultural Crop Monitoring" Fourth International Conference Computational Methods in Engineering and Health Sciences (ICCMEH-2017) 19-20, December 2017, at MIT Manipal, India.
306. **Sreekantha D.K.**, Rachana G., "Prediction of Difficulties in Airway Management-A Review", IEEE International Conference On Computational Intelligence And Computing Research, 14-16 December 2017.
307. Naina K., **Sreekantha D. K.**, "Valuation Techniques for Govt. Acquired Property using Rehabilitation & Resettlement - A Fieldwork" , Fourth International Conference Computational Methods in Engineering and Health Sciences (ICCMEH-2017) 19-20, December 2017, at MIT Manipal, India.
308. **Sreekantha D. K.**, Deepthi, M., " Paddy Crop Disease Diagnosis Expert System design using Fuzzy Logic", ICASET 2017, MIT Manipal, July 10-12, 2017.
309. Kiran Kumar.V.G, **Asmita Poojary**, Shantharama Rai C and Nagesh H R, Implementation of Lightweight Cryptographic Algorithms in FPGA, Proceeding of Second International conference on Circuits, Controls and Communications. R N S Institute of Technology Bangalore, December 15-16 December, 2017.
310. Ashwitha, **Vijaya Murari. T**, Study and Analysis of Various Video Encryption Algorithms, 2017 IEEE International Conference on Computational Intelligence

and Computing Research held during 2017 December 14 to 16 in Tamilnadu College of Engineering, Coimbatore.

311. Ravi Babu, **Uday Kumar K. Shenoy**, Kiran Kumari Patil, “**Lifetime Elongation of Wireless Sensor Networks with Mobile Sink in Delay - Sensitive Applications**” International Conference, J.K. Mandal et. Al. (Eds.): CICBA 2017, Part I CCIS 775, PP.335-348, October 2017.
312. Mohan C. V., **Seetharam K.**, Phani Raju H. B, “**Distribution Reliability Indices Calculation and Utilize Neural Network Model for Radial System**”, IEEE Int. Conf. on Smart Technologies for Smart Nations, Reva University, Bangalore, India, 17 – 19 August 2017
313. **Mohammed Javed**, Bidyut B. Chaudhuri, “**A comparative Study of two recent word spotting techniques in the Run- Length Compressed domain**”, ICACCI - 2017, Manipal University, 13 -16, September 2017.
314. **Udaya Kumar K Shenoy, Ravi B.** Kiran Kumari Patil, “**A Simulation Study of Impact of Low and High Mobility on MANET Routing Protocols**” - IEEE -2017
315. B. Ashutosh Holla, **Ravi B., Udaya Kumar K Shenoy**, “**Data Gathering in Wireless Sensor Network Using Optimum Mobile Sink Path**”, IEEE WISPNET 2017 Conference – 2017
316. Mohan C. V., **Seetharam K.**, Phani Raju H. B., Distribution Reliability Indices Calculation and Utilize Neural Network Model for Radial System, IEEE Int. Conf. on Smart Technologies for Smart Nations, August 17-19, 2017, Reva University, Bangalore, India August 17-19, 2017
317. Deepthi M. B., **D. K. Sreekantha.**, Application of Expert Systems for Agricultural Crop Disease Diagnoses – A Review, International Conference on Inventive Communication and Computational Technologies(ICICCT 2017).
318. Sushmitha Rao, Swathi Puranik, **Shashank Shetty**, "Self-Monitoring Automated Route Trash Bins" , IEEE International Conference on Internet of Things and TV White Spaces (WIOT'2017), pp.10-13, Jan 12-13, 2017.
319. Sushmitha Rao, Swathi Puranik, **Shashank Shetty**, S Hemanth, "Handling Big Data on Agent-Based modeling of Online Social Networks" , IJAST National Conference on Innovations and Discoveries- PionEEEr-2017, May 18, 2017, IJAST-ISSN:2229-5216.
320. **Shabari Shedthi B, Surendra Shetty**, M Siddappa, Implementation and Comparison of K-Means and Fuzzy C-Means Algorithms for Agricultural Data, in

the International Conference on Inventive Communication and Computational Technologies(ICICCT 2017), held during 10-11, March 2017, at the Ranganathan Engineering College, Coimbatore, India

321. **Venugopala P. S**, Sarojadevi H, **Niranjan Chiplunkar**, **Savitha Kamath**, Digital Video Watermarking in Bitstream Domain to Embed an Image Data, Proceedings of INDIACom-2017; 4th International Conference on “Computing for Sustainable Global Development”, 01st - 03rd March, 2017 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)
322. **Venugopala P. S**, Sarojadevi H, **Niranjan Chiplunkar**, **Ankitha Nayak**, Watermarking on Video for Android Mobile Devices Using DCT Approach Proceedings of INDIACom-2017; 4th International Conference on “Computing for Sustainable Global Development”, 01st - 03rd March, 2017 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).
323. Abijith, Gautam, Sabhahit, Nihal Rao, Presley Sequeira, **Venugopala P S** and Takeshi Kumaki, Performance of Max-Plus Algebra-Based Morphological Wavelet Transform Watermarking in Android Devices, IEEE International Conference on Wireless Communication Signal Processing and Networking held during 22-24<sup>th</sup> 2017 at Chennai, India.
324. **Deepthi M B**, **D K Sreekantha**, Application of Expert Systems for Agricultural Crop Disease Diagnoses – A Review in the International Conference on Inventive Communication and Computational Technologies (ICICCT 2017).
325. **Kokila R**, **Sannidhan. M. S**, **Abhir. Bhandary**. A Study and Analysis of Various Techniques to Match Sketches to Mugshot Photos. International Conference on Inventive Communication and Computational Technologies (ICICCT 2017), Coimbatore, 10-11 March 2017.
326. **Sharada U. S.**, Sharmila K. M., **Udaya K. K. S.**, Anusha N., Performance analysis of different TCP variants in Wireless Ad hoc Networks, IEEE International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2017), SCAD Institute of Technology, TN, 10-11 Feb 2017
327. **Pallavi K N**, **Chaithra BM**, Ravi Kumar V., Smart Waste Management using Internet of Things. A Survey. International Conference on IOP in Social, Mobile Analytics and Cloud (I-SMAC 2017) Organized by SCAD Institute of Technology during 10-11 Feb 2017, Palladam, Tamil Nadu, India
328. **D K Sreekantha**, **Kavya A M**, Agricultural Crop Monitoring using IOT- A Study, International Conference on Intelligent Systems and control (ISCO),



329. **Rajalaxmi Hegde**, Dr. Seema S, Aspect Based Feature Extraction and Sentiment Classification of Review Data sets using Incremental Machine learning Algorithm, 3<sup>rd</sup> IEEE International Conference on Advances in Electrical , Electronics, Information, Communication and Bio-Informatics(AEEICB 17).
330. **Sundeep Kumar Hegde**, Srinivasa K G, A Novel Pattern Classifier Approach towards the Performance Optimization of Big Data Analysis in Distributed Environment, 3<sup>rd</sup> IEEE International Conference on Advances in Electrical , Electronics, Information, Communication and Bio-Informatics(AEEICB 17).
331. **K. Sreekantha, Deepthi M B**, Expert Systems for Disease Diagnoses of Crops- A Study, XIII Agricultural Science Congress-2017, Climate Smart Agriculture, 21-24 February 2017, UAS, Bangalore.
332. Luibaiba, Muhammad, Kunhi, Raju K and Niranjana. Chiplunkar, Performance Analysis Of Protein Structure Clustering Techniques and CUDA Implementation of RMSD computation. IEEE conference, Bangalore, 978-1-5070-1623-5/16/\$31.009©2016, page-18-21.
333. Nayana Nayak, Nidhi Hegde P, Anusha, Panchami Nayak, Venugopala .p. S, Takeshi Kumaki. Morphological Pattern Spectrum Based Image Manipulation Detection. IEEE 7<sup>th</sup> International Advance Computing conference, VNR Vignana Jyothi Institute of Engineering Technology Heyderabad Telangana, India. DOI 10.1109/IACC.20170.118.2017
334. **Anisha P Rodrigues, Niranjana N Chiplunkar**, Mining Online Product Reviews and Extracting Product Features Using Unsupervised Method, 2016 IEEE Annual, India Conference
335. Sharada U Shenoy, SharmilaKumari M and Udaya Kumar K Shenoy, *“Throughput Analysis for Multimedia Transmission in Mobile AdHoc Networks using AMC”*, International Conference on Communication and Signal Processing, IEEE, 2016, pp. 0907-0911, DOI 10.1109/ICCSP.2016.7754279, ISBN 978-1-4673-8549-7, eISBN 978-1-5090-0396-9
336. **Venugopala, P. S.**, Kamath, S., Sarojadevi, H., **Chiplunkar, N. N.**, An Approach for Bitstream Video Watermarking on Mobile Device: International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs) odisha (October2016)
337. **Javed**, M., Nagabhushan, P., Chaudhuri, B.B., Automatic Extraction of Text and Non-Text Information Directly from Compressed Document Images: In the

16th International Conference on Hybrid Intelligent Systems (HIS2016), November 21-23, Marrakesh, Morocco (2016)

338. **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).
339. **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)
340. 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).
341. **Sharada U Shenoy**, Sharmila Kumari, M., **Udaya Kumar K Shenoy**. Throughput Analysis for multimedia transmission in Mobile AdHoc Networks using AMC. *5<sup>th</sup> IEEE International Conference on Communication and signal processing 6<sup>th</sup> -8<sup>th</sup> Adhiparasakthi Engineering College, Melmaruvathur*. (2016)
342. **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) Procedia computer Science, ELSEVIER*, pp.1-8.
343. **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.
344. **Venugopal, P.S**, Ankitha, A. Nayak, Sarojadevi, H., Niranjan, N. Chiplunkar., Video Watermarking for Android Mobile Devices. *Proceeding of the 10<sup>th</sup> INDIACom; IEEE Conference ID 37465, International Conference on “Computing for Sustainable Global Development”, 16<sup>th</sup> – 18<sup>th</sup> March , Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi, 0973-7529, 978-93-80544-20-5.2016*
345. **Venugopal, P.S**, Shravya Jain, **Sarojadevi, H., Niranjan, N. Chiplunkar.**, Study of Possible Attacks on Image and Video Watermark. *Proceeding of the 10<sup>th</sup> INDIACom; IEEE Conference ID 37465, International Conference on*

“Computing for Sustainable Global Development”, 16<sup>th</sup> – 18<sup>th</sup> March , Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi, 0973-7529, 978-93-80544-20-5, pp.4962-4967.2016

346. **Sreekantha, D.K.**, Fattepur, R.H., Sameer Fattepur. “Designing Dairy farming credit Risk Evaluation Expert System Prototype.” *18<sup>th</sup> 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 21<sup>st</sup> and 22<sup>nd</sup> Jan 2016 in Paris France, Europe.
347. **Sreekantha, D.K.**, Girish, T.M., Fattepur, R.H. “A Review on Applications of Expert Systems in Medical Sciences.” *18<sup>th</sup> 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 21<sup>st</sup> and 22<sup>nd</sup> Jan 2016 in Paris France, Europe.
348. **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, 16<sup>th</sup> to 19<sup>th</sup> December 2015, Vishwakarma Institute of Technology, Pune.
349. 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
350. 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)21-22<sup>nd</sup> Dec, Bangalore, 14673-7308-1/15/\$31.00.IEEE, pp.94-97.
351. **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
352. **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

353. 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.
354. **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.
355. 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.
356. 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.
357. **Roshan Fernandes**, Preethi Salian K and Rio D' Souza (2014). "A Survey : Structure and Usage Web Mining Algorithms." International Conference on Information and Commination Technolgies, pp.119—123.
358. **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.
359. 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
360. Akshay M Murshilli, **Sarojadevi**,(2014). Approaches to Improve Cloud Computing Performance."International Conference on Computer Science and Informational Technology(ICCIT),ISBN: 978-81-9302-3-2,7<sup>th</sup> December, ,goa, pp.6-11.
361. 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,15<sup>th</sup> – 17<sup>th</sup> May, ISBN: 978-93-83083-80-0,pp. 108-335.

362. Savitha G, **Venugopal \_P.S, Sarojadevi, Niranjan**(2014). “An Approach for Object Detection in Android Device, 2014 Fifth International Conference on Signals and Image Processing, pp.9-14.
363. Vinaya Mangaret Pinto, G. Padmashree, P.S. **Venugopala, H. Saroja Devi** and **Niranjan 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.
364. Shruthi P.R,(2014). “Noisy Image Forgery Detection Using Image Hashing and Denosing.” International Conference on Emeging Trends in Engineering (ICETE) 15<sup>th</sup> -17<sup>th</sup> May. ISBN: 978-93-83083-80-0.pp.245.246.
365. **P. Srinivasa Pai** and **Niranjan 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.
366. 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.
367. 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.
368. **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.
369. **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.
370. 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.

371. 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.
372. 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.
373. M P Nisha, **Raju K**, (2014). "Survey on Motion – Based Pedestrian Recognition from a Moving Vehicle." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.85- 90.
374. 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.
375. 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.
376. 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.
377. Vidya PAi, Grantha K, P.C. Siddalingaswamy,(2014). "Computer Aided Detection of Diabetic Retinopathy: A Survey." National Conference on Multimedia and Information Security, ISBN 978-93-83459-10.0.pp.90-96.
378. 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.
- [
379. 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.
380. 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 15<sup>th</sup> - 17<sup>th</sup> May, ISBN: 978-93-83083-80-0, pp.103-107.

381. Sumathi, **Niranjan N.Chiplunkar**,(2014). “Discovery of Web Services Using WSDL.” International Conference on Emerging Trends in Engineering, Nitte 15<sup>th</sup> - 17<sup>th</sup> May, ISBN: 978-93-83083-80-0,pp.98-102.
382. Kalpashree Bhandary, **Raju K.**(2014). “Hand Vein Authentication System.” International Conference on Emerging Trends in Engineering, Nitte 15<sup>th</sup> -17<sup>th</sup> May, ISBN: 978-93-83083-80-0,pp.75-80
383. 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 15<sup>th</sup> -17<sup>th</sup> May, ISBN: 978-93-83083-80-0, pp.154-57.ICRASE 13, ISBN:978-81-923541-0-7., pp.21-25.
384. 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 15<sup>th</sup> -17<sup>th</sup> May, ISBN: 978-93-83083-80-0, pp.50-53.
385. 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.
386. 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.
387. 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.
388. Vinay S, Shridhar Aithal, Prashanth Desai,(2009). “An NLP Based Requirements Analysis tool.”International Advance Computing Conference , Patiala, India, 6-7 March.
389. Deepanjali Rukma, **Roshan Fernandes**. “Motion Detection for Surveillance Monitoring System.” 26-28.
390. Sadhana B. and Shaliini P.R. “A Hybrid Technique for Image Restoration and Segmentation using Neural Networks.” 29-32.
391. Divakara, A K Baradol. “Industrial Libraries, E-Resources and User Services.” A study of Industrials in Dakshna Kannada,1-5.

## Department of Library

392. **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.
393. **S.Hari**,(2013). “Digitization and Digital Preservation Requirements and Analysis of Digital Resources.”NACLIN Dec. 10-12, 2013.
394. **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

395. Sindhu Priya E. S., Darshan Raj C. G. Sarojini B. K and **Bharath B. R**, “Test power optimization using clock gating” IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies, Vimal Jyothi Engineering College, Kannur, Kerala(ICON)-2017, 6<sup>th</sup> and 7<sup>th</sup> July 2017
396. **Sneha Nayak** , **Vinayaka B Shet**, **Vaman Rao C**, Keshav Joshi, “Performance evaluation and emission characteristics of a four stroke diesel engine using green synthesized silver nanoparticles blended biodiesel “ , Proceedings Of International Emerging Trends In Materials And Manufacturing Engineering , NIT, Tiruchirappalli, 10th to 12th March 2017. pp.166.
397. **Venkatesh Kamath H.**, Samiyabanu, Krupa M.B., Deepak G.M., C. Vaman Rao, “Ethanol Fuel Production from Glycerol using *Bacillus cereus*” in the 2nd International Conference on Recent Advancements in Chemical, Environmental & Energy Engineering (RACEEE) - 2017 organized by SSN College of Engineering, Chennai during 23-24 February 2017.p.29
398. **Sandesh K.**, **Sana amin**, **HarshaKiran T.S.** and **C. Vaman Rao**, “Optimization of pretreatment of *Saccharum spontaneum* (Kans Grass) Biomass for the production of alcoholic biofuels” in the 2nd International Conference on Recent Advancements in Chemical, Environmental & Energy Engineering (RACEEE) -



399. Vidya S.M., Treatment of infection by functionalized gold nanoparticles prepared by lactic acid bacterial exopolysaccharides. In XV annual meeting of the society for free radical research-India (SFRR-INDIA-17) on Basic and Applied Aspects of Health, Management using Radiation, Antioxidants and Nutraceuticals and one day school on radiation and redox process in health, Bio science group, Bhabha atomic research centre, Mumbai, India, from January 9-12<sup>th</sup> 2017.
400. Pradeepa, D.K. Maurya, S. Santhosh Kumar and Vidya S.M., Bacterial exopolysaccharide improved survival rate of mice exposed at 8Gy whole body gamma irradiation. In XV annual meeting of the society for free radical research-India (SFRR-INDIA-17) on Basic and Applied Aspects of Health, Management using Radiation, Antioxidants and Nutraceuticals and one day school on radiation and redox process in health, Bio science group, Bhabha atomic research centre, Mumbai, India, from January 9-12<sup>th</sup> 2017.
401. Sneha Nayak, Vaman Rao, C and Srinivas Mutalik Biosynthesis of Bimetallic Ag/Au alloy nanoparticles using *Ocimum sanctum* (Krishna Tulsi) leaf extract and evaluation of its antibacterial activity and catalytic reduction of brilliant blue R250. In Proceedings of International Conference on water from pollution to purification, Mahatma Gandhi University, Kottayam, Kerala, India, 12-15 December, 2016, pp. 68.
402. Bhavana, Priyanka, H., Anusha, K.J., Chaitra G.R., Sneha Nayak and Vaman Rao, C. Green synthesis of copper nanoparticles using *Areca catechu* extract and study on its antioxidant capacity. In 5<sup>th</sup> International conference on Sustainable Utilization of Tropical Plant Biomass: Bioproducts, Biocatalysts and Biorefinery, Tamil Nadu Agricultural University, Coimbatore, 17-18 November, 2016, 74-77.
403. Bhavana , Priyanka H, Anusha K.J, Chaithra G.R, **Sneha Nayak, C.Vaman Rao**, “Phytochemical Screening, Biosynthesis of Cu<sup>2+</sup> 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.
404. **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 25<sup>th</sup> and 26<sup>th</sup> of September 2015.

405. **H.S. Anil Kumar**, VadlapudiKumar and N. Vidyavathi, (2015). "Studies on Enzymatic Hydrolysis of Flatulence Causing Oligosaccharide of Different Legumes by  $\alpha$  - Galactosidase Isolated from Bacillus Sp." International Conference on Bioactive chemicals for Reproduction and Human Health 26<sup>th</sup> – 28<sup>th</sup> February, Life Science Department, Davangere University, Shivagangothri, Davangere
406. **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.
407. 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.” 27<sup>th</sup> National convention of Metallurgical and Materials Engineering & National Seminar on Multi Functional and Adaptive Materials, 6- 7<sup>th</sup>
408. **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 ,27<sup>th</sup> national convention of metallurgical and materials engineers on Multifunctional and adaptive materials “, Karnataka state center of IEI, 2014
409. 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

410. **Shabari Shedthi B and Dr.Surendra Shetty** (2017). “Implementation and Comparison of K-Means and Fuzzy C-Means Algorithms for Agricultural Data.” International Conference on Inventive Communication and Computational Technologies, Coimbatore 10-11 March.

411. **Sarika Hegde and Dr.Surendra Shetty** (2017). “Application of Fisher’s Ratio Technique for Speech Feature Evaluation of Vow-els/Consonants.” International Conference on Inventive Communication and Computational Technologies, Coimbatore 10-11 March
412. **Ranjan Kumar H S, Fathimath Safeeriya S P, Ganesh Aithal, Surendra Shetty,** Image Encryption Based on Pixel Transposition and Lehmer Pseudo Random Number Generation, IEEE International Conference On Recent In Electronics Information Communication Technolgy, May 19-20, 2017, India.
413. **Spoorthi P Shetty, Udaya Kumar K Shenoy,** Hierarchical Clustering Algorithm for green IOT, 6<sup>th</sup> international Engineering Symposium (IES2017) held at Kumamoto University, Kumamoto, Japan, during March 1-3, 2017.
414. **Spoorthi P Shetty, Udaya Kumar K Shenoy,** Performance of Border Router for Environment Monitoring in IOT, In the IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET) held at SSN College of Engineering, Chennai, India During 22-24 March 2017.
415. **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. (2016).

### Department of MBA

416. **Issac K. Varghese, K.Sankaran, Krishna Shenai** .Green Energy for a Sustainable Economy *International Conference on Inclusive Economic Growth and Sustainable development, November 18-19, Mysuru, India pp.1-7.(2016)*
417. Kizhekepat **Shakaran,**(2012). “The Emergence of a Public Good Through Online Social Capital Activation.”
418. **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.
419. **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.

420. **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.
421. **Ashalatha K,Rakesh Shetty,** Jnaneshwarpal, (2014) Role of Education in Women Empowerment with Reference to Udupi District.” KLSIMER. pp.40
422. **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.
423. **Sudhir Raj K.,**(2013). “Shaping Personality: What Can Neuroscience Tell US?.” Nitte Management Review., pp.63-67.
424. **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.

### Department of Mathematics

425. **Chaithra K,** D-Distance Magic Labelling on trees, National Conference on “ Emerging Trends in Science and Engineering(NCETSE-2017) held at Shri Madhwa Vadiraja Institute of Technology and Management, Vishwothama Nagar, Bantakal, Udupi on 23 & 24 February 2017.
426. **Shashirekha B Rai,** Prashantha Rao, Modular and Weakly Distributive Trellises, International Conference on Science, Engineering Technology & Management (ICSETM-2017) March 8-9, 2017, organised by Department of Mathematics, Kuriakose Elias College, Mannanam, Kottayam,Kerala.
427. **Shankaran, P,Chaithra K.,** D-Distance Magic Labeling on trees. Proceedings of National Conference on Emerging Trends in Science and Engineering. Page(27), Feb. 23 &24th (2017) held at SMVITM Bantakal Udupi
428. **Kumudakshi.,** Hegde, S. M., Gracefulness of some oriented graphs. Proceedings of National Conference on Emerging Trends in Science and Engineering. Page(25-26), Feb. 23 &24th (2017) .

429. D'Souza, V. T. & **Janardhan Nayak** "Synthesis and characterization of biologically important (E)-1-(2-chloro/hydroxyl-6/8-substituted quinolin-3-yl)-N-[5-(4-substituted phenyl)-1,3,4-thiadiazol-2-yl]methanimines", *International Conference on Emerging Trends in Chemical Sciences, Manipal Institute of Technology*, Manipal, 14-16 September, 2017, 37(2017). 14-16 September, 2017
430. **Janardhan Nayak** & Dayananda, P, "Synthesis and characterization of some Pyrimidine-2-thiols as potential antibacterial agents", *National Conference on Reaching the Unreached through Science & Technology, Mangalore University*, Mangalore, 8-9 September, 2017, 181(2017), 8-9 September, 2017
431. Rani, L., **Shivaprasad Shetty**, Kumar, N. V. A. & Sridhar, M. A, "Structure and in vitro activity of coumarin derivative", *24<sup>th</sup> Congress and General assembly of the International Union of Crystallography, Hyderabad*, 21-28 August, 2017
432. **Shivaprasad Shetty**, N. V. Anilkumar, & Anil Kumar, H. S, "Synthesis and Enzyme inhibition studies of some coumarin derivatives", *International Conference on Emerging Trends in Chemical Sciences, Manipal Institute of Technology*, Manipal, 14-16 September, 2017, 37(2017). 14-16 September, 2017
433. Santhosh Prabhu, Suchitra M. Shetty, **Shivaprasada Shetty**, N. V. Anil Kumar, "Synthesis and characterization of Pyrazole-coumarin hybrid", *International Conference on Emerging Trends in Chemical Sciences, Manipal Institute of Technology*, Manipal, 14-16 September, 2017, 37(2017). 14-16 September, 2017
434. Shetti, G., Shwetha, **Shivaprasad Shetty**, S. & Kumar, N. V. A, "Synthesis and characterization of some coumarin oxadiazole hybrid", *International Conference on Emerging Trends in Chemical Sciences, Manipal Institute of Technology*, Manipal, 14-16 September, 2017, 37(2017), 14-16 September, 2017
435. Sujay, Shwetha, **Shivaprasada Shetty**, & N. V. Anil Kumar, "Synthesis and characterization of some coumarin schiff bases", *International Conference on Emerging Trends in Chemical Sciences, Manipal Institute of Technology*, Manipal, 14-16 September, 2017, 37(2017). 14-16 September, 2017
436. Rani L. N., **Shivaprasad Shetty**, Kumar, N. V. A. & Sridhar, M. A., "Structure and In Vitro Antibacterial Activity of 2-(4-methyl-2-oxo-chromen-7-yl)oxyacetohydrazide", *5<sup>th</sup> National Conference On Condensed Matter Physics And Applications (CMPA), MIT, Manipal*, 22-23 September, 2017. 22-23 September, 2017.