



ACHARYA INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belgavi. Govt. of Karnataka.
Approved by AICTE, New Delhi. Accredited by NBA, AICTE, New Delhi.

Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

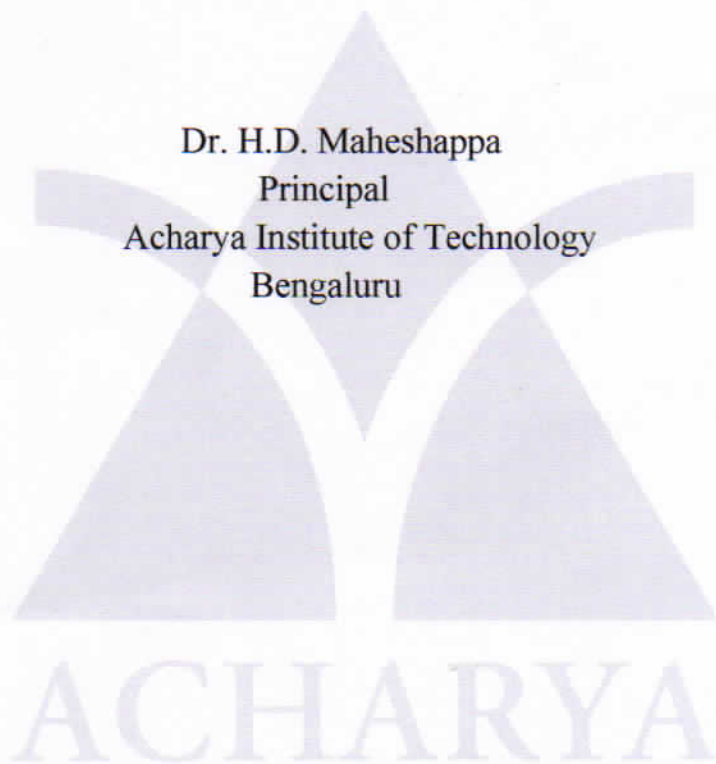
The SSR is prepared by the institution after internal discussions and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in the SSR during the peer team visit.

Place: Bengaluru

Date: 31/3/2017

Dr. H.D. Maheshappa
Principal
Acharya Institute of Technology
Bengaluru





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Statement of Compliance

This is to certify that Acharya Institute of Technology fulfills all norms.

1. Stipulated by the affiliated University and/or
2. Regulatory Council/Body(such as UGC, AICTE, etc)
3. The affiliation/recognition is conditional, and then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its affiliation or recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false, then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Place: Bengaluru
Date : 31/3/2017

Dr. H. D. MAHESHAPPA
Principal
Acharya Institute of Technology
Bengaluru

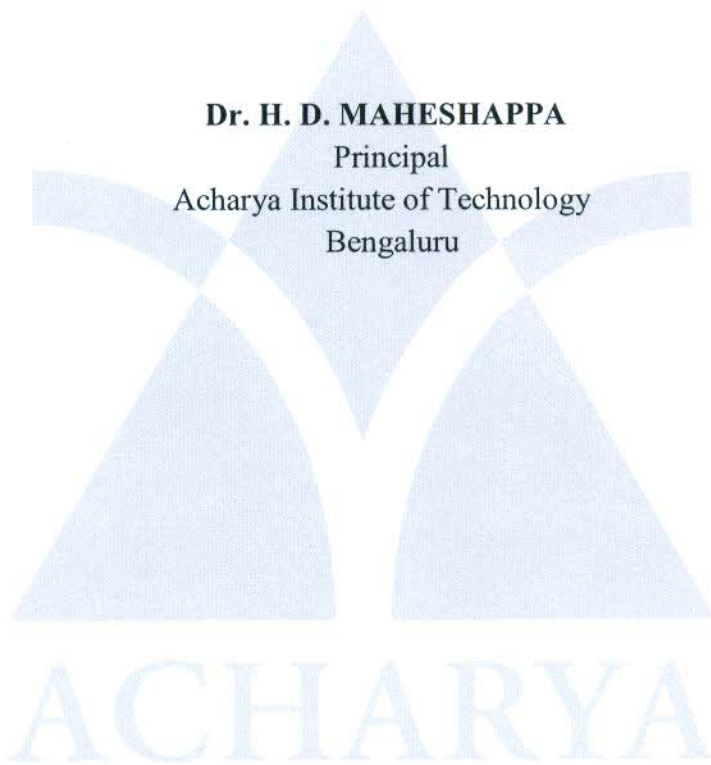


Table of Contents

Key Aspects	Page Number
Declaration by the head of the institution	i
Statement of compliance	ii
Table of contents	iii
Publications of the department of	
1.1 Aeronautical Engineering	1
1.2 Automobile Engineering	5
1.3 Biotechnology	9
1.4 Civil Engineering	11
1.5 Computer Science and Engineering	17
1.6 Construction Technology and Management	29
1.7 Electronics and Communication Engineering	31
1.8 Electrical and Electronics Engineering	39
1.9 Information Science and Engineering	47
1.10 Mechanical Engineering/Manufacture Science and Engineering	57
1.11 Mechatronics	69
1.12 Mining Engineering	71
1.13 Chemistry	73
1.14 Mathematics	79
1.15 Physics	87
1.16 Master of Business Administration	97
1.17 Master of Computer Applications	103

Department of Aeronautical Engineering

International Journals

1. Ranjitha P., Somashekar V. and Jamuna A. B., “Numerical Analysis of Solar Flat Plate Collector for Circular Pipe Configuration by Using CFD”, International Journal of Engineering Research and Technology, Vol. 2, Issue. 12, (Impact Factor: 1.76), Dec-2013.
2. Venugopal M. M., Maharana S. K. and Badarinarayan K. S., “Finite Element Evaluation of Composite Sandwich Panel Under Static Four Point Bending Load”, JEST-M, 2013.
3. Jamuna A. B. and Somashekar V., “CFD Simulation and Experimental Verification of Air Flow”, IOSR Journal of Mechanical and Civil Engineering, Vol. 10, Issue. 3, (Impact Factor: 1.485), Nov-Dec. 2013.
4. Somashekar V., Sathish K., Jamuna A. B. and Ranjitha P., “Vibration Signature Analysis of IC Engine”, International Journal of Innovative Research and Development, Vol. 2, Issue. 13, (Impact Factor: 1.463), Dec. 2013.
5. Pritam B., Dilip A. and Maharana S. K., “Numerical Investigation on Effectiveness of Axially Uniform and Non-uniform Tip Clearance Height on the Performance of Single Stage Transonic Axial Flow Compressor”, Proceedings of EUCASS, 5th European Conference for Aeronautics and Space Sciences (EUCASS), 2013.
6. Pritam B., Dilip A. and Maharana S. K., “Numerical Optimization of Axially Non-uniform Tip Clearance Height on the Performance of Single Stage Transonic Axial Flow Compressor”, Proceedings of ASME 2013 Gas Turbine India Conference (GTINDIA), 2013.
7. Avinash L., Annaiah M. H., Davis P., Skariah., Swetha S. and Harendra Kumar H.V., “The Effect of Ceramic Reinforcement on the Microstructure, Mechanical properties and Dry Sliding Wear Behavior of Hypo-Eutectic Al-Si-Mg Alloy”, International Journal of Innovative Research in Science, Engineering and Technology, 2013.

8. Maharana S. K., Manoj Kumar D., Manoj Kumar Y., Rahini B. and Deepak S., "Advanced Technique for Bio-Medical Image Processing in Cloud Platform using MATLAB", Indian Journal of Advances in Computer Sciences and Technology, Vol. 01, Issue.1, pp 37-46, 2013.
9. Dhar B. K., Mahapatra S. K., Maharana S. K. and Sarkar A., "A Numerical Study of Multiphase Fluid Flow Across Two Heated Circular", International Journal of Advanced Technology in Engineering and Science, Vol. 2, pp 81-88, (Impact Factor 1.012), 2014.
10. Somashekar V., "Determination of Vibration Characteristics of Hypo and Hyper Eutectic" Al-Si" Alloys", International Journal of Engineering Research and Technology, Vol. 3, Issue. 1, (Impact Factor: 1.76), Jan. 2014.
11. Somashekar V., "A Computational Investigation of Unsteady Aerodynamics of Insect-Inspired Fixed Wing Micro Aerial Vehicle's 2D Airfoil", Hindawi Publishing Corporation, Article ID: 504049, (Impact Factor: 1.644), 2014.
12. Somashekar V., "A Computational Study of Unsteady Aerodynamics of a Fixed Wing Micro Aerial Vehicle", International Journal of Research in Aeronautical and Mechanical Engineering, (Impact Factor: 0.875), May 2014.
13. Swetha S. and Shreeharsha G. H., "Solar Operated Automatic Seed Sowing Machine", International Journal of Advanced Agricultural Sciences and Technology, 2015.
14. Venugopal M. M. and Somashekar V., "Design and Analysis of Annular Exhaust Diffuser for Jet Engines", International Journal of Innovative Research in Science, Engineering and Technology, 2015.
15. Jamuna A. B. and Somashekar V., "CFD Simulation and Experimental Verification of Air Flow through Heated Pipe (Revised)", International Journal of Engineering Sciences and Research Technology, (Impact Factor: 3.449), 2015.
16. Venugopal M. M. and Somashekar V., "Design and Analysis of Annular Exhaust Diffuser for Jet Engines", International Journal of Innovative Research in Science, Engineering and Technology, (Impact Factor: 5.422), 2015.

17. Parameshwar Banakar and Basawaraj, “Computational Analysis of Flow in After Burner Diffuser Mixer Having Different Shapes of Struts”, International Journal of Engineering Research-Online, 2015.
18. Swetha S., Mohammed Nabeel, Nagaraj, Naveen Kumar S. and Sukesh B. S., “Aquadrone for Multipurpose”, International Journal of Research in Engineering and Applied Sciences (IJREAS), (Impact Factor: 6.56), 2016.
19. Swetha S., Alvina A., Nirmalraj. and Girish R. Shanbough., “Autonomous VTOL Agro-Drone” , International Journal of Research in Engineering and Applied Sciences (IJREAS), (Impact Factor: 6.573), 2016.
20. Mahantayya K. Hiremath and Somashekar V., “Crash Analysis of Unmanned Aerial Vehicle using FEA”, International Journal of Innovative Research in Science, Engineering and Technology, (Impact Factor: 6.209), 2016.
21. Venugopal M. M. and Maharana S. K., “Computational Modeling of Wind Flow and its Effect on Cubical Building using Large Eddy Simulation (LES) technique”, Journal of wind and engineering, 2016.
22. Somashekar V., Kruthika K. C., Pavithra S., Priyanka R. and Shreerangamma T. L., “A Report on Numerical Investigation of Wings: With and Without Telescopic Wing”, Journal of Aerospace Engineering and Technology (STM Journals), (Impact Factor: 3.055), 2016.
23. Somashekar V., “Numerical Analysis over a Low Reynolds Number 3D Wing”, Journal of Aerospace Engineering and Technology (STM Journals), (Impact Factor: 3.055), 2016.

National Journals

1. Shweta Agrawal and Maharana S. K., “Monte Carlo Simulation for Process Heat Cogeneration System”, Indian Journal of Mechanical Engineering Research, Vol. 01, Issue 1, pp 23-34, 2013.

International Conferences

1. Veena Rani P., Sagarika A. M. and Somashekar V., “Applications of Open Source CFD Software’s in Aerospace Industries” International Conference on Applied Engineering Science and Technology, 2015.

Books

1. Somashekar V. and Maharana S. K., “Micro Aerial Vehicle”, LAP Lambert Academic Publishing, Germany. ISBN: 978-3-659-14387-8, 2014.
2. Somashekar V. and Mahantayya K. Hiremath., “Proof of Concept (POC) for Flying Bike with Morphed Wing”, LAP Lambert Academic Publishing, Germany. ISBN: 978-3-659-74220-0, 2015
3. Somashekar V., “Low Reynolds Number Wind Tunnel”, LAP Lambert Academic Publishing, Germany. ISBN: 978-3-659-93744-6, 2016.

Department of Automobile Engineering

International Journals

1. Chandrappa C. N., "Characterization Study of Functionally Graded Metal Ceramic Composites Fabricated by Layer Processing Technique", International Journal of Material Science and Engineering, (Impact factor: 0.439), 2013.
2. Chandrappa C. N., "Effect of Thermal Treatment and Rolling on Mechanical Properties and Corrosion Resistance of Aluminum-Hematite Composite.", International Journal of Material Science and Engineering, (Impact factor: 0.439), 2013.
3. Chandrappa C. N., "Characterization and Analysis of Composite Materials used for Wing- Fuselage Lug Attachment Bracket of Air Craft", World Journal of Engineering, (Impact factor: 2.848), 2014.
4. Chandrappa C. N., "Synthesis and Characterization Carbon Epoxy Composite With and Without Filler Material", International Journal of Engineering Research and Technology, (Impact factor: 3.895), 2014.
5. Chandrappa C. N., "Synthesis and Characteristics of Aluminum, Copper, Alloy metal matrix, Composites using Al_2O_3 and SiC as Reinforcement Materials", International Journal of Innovative Research in Science, Engineering and Technology, 2014.
6. Chandrappa C. N., "Synthesis and Characterization of Al-SiC Functionally Graded Material Composites using Powder Metallurgy Techniques", International Journal of Innovative Research in Science, Engineering and Technology, (Impact factor: 3.559), 2014.
7. Chandrappa C. N., "Studies on Wear Properties of Al-Cu Alloy composite Reinforced with Alumina and Silicon Carbide", International Journal of Innovative Research and Technology, (Impact factor: 3.559), 2014.
8. Bharath and et.al., "Optimization of Transmission Line Towers: P-Delta Analysis", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 7, (Impact factor: 6.209), July 2014.

9. Chandrappa C. N., “Evaluation of Mechanical Properties of Al 6061 Reinforced With Hematite”, International Journal of Multi-disciplinary Engineering Science and Technology, 2015.
10. Chandrappa C. N., “A Review of Mechanical Characterization of Friction Stir Welded Magnes”, International Journal of Innovative Research in Science, Engineering and Technology, (Impact factor: 3.559), 2015.
11. Chandrappa C. N., “Optimize Utility in Computing-Based Manufacturing Systems using Service Models and Development Models”, International Journal of computer Science and Engineering, (Impact factor: 1.067), 2016.
12. Chandrappa C. N., “Study and Compression of Surface Roughness and Analytical Data of Forged Al- Tib2 Composite”, IJRSET, Vol.5, Issue 5, 2016.
13. Madhusudhan T., Senthilkumar M. and Athith D., “Mechanical Characteristics and Tribological Behaviour Study on Natural - Glass Fiber Reinforced Polymer Hybrid Composites: A Review”, International Research Journal of Engineering and Technology (IRJET), Vol. 03 Issue.04 (Impact Factor 5.181), 2016.

International Conferences

1. Chandrappa C. N., “Characterization and Analysis of the Composite Materials used for Wing-Fuselage Lug Attachment Bracket of a Aircraft”, organized by ICCE, 2013.
2. Chandrappa C. N., “Effect of Thermal treatment and Rolling on Mechanical Properties and Corrosion resistance of Aluminum”, organized by Department of Material Science and Engineering, USA, 2013.
3. Swathi M. B., “Mathematical Modeling of Form Tolerance for Cylindercity” organized MSRIT (ICCOMIM), 2013.
4. Chandrappa C. N., “Study of Wear Characteristics of Hematite Reinforced Aluminum Metal Matrix Composites”, of 5th ICMPC, 2016.

National Conferences

1. Swathi M. B., “Mathematical Modeling of Form Tolerance” organized ADMet, 2013.
2. Bharath and et.al, “Effects of Change in Dynamic behavior of Crack using FEM”, “Proceedings of National Conference on Contemporary Civil Engineering Research and Practices”, (CCERP-2013), MIT , Manipal, Apr 20-21 ,2013.
3. Swathi M. B., “Mathematical Modelling of Form Tolerance for Circularity and Straightness”, organized ADMet, 2014.
4. Chandrappa C. N., “Surface Roughness Study on Forged, Forged Heat Treated Al – TiB2 Composite by Retrogating Analysis”, organized by RRIT, 2014.

Books authored/Edited/Chapter Contribution

1. Chandrappa C. N., Computer Aided Engineering Drawing, New age Publication, 2015.
2. Chandrappa C. N., Design of Machine Elements I, New age Publication, 2015.
3. Chandrappa C. N., Design of Machine Elements II, New age Publication, 2015.

Department of Bio Technology

International Journals

1. Ismail Shareef M., Leelavathi S. and Gopinath S. M., "Evaluation of In-Vivo Activity of *Clerodendrum Serratum* L Against Rheumatism". International Journal of Innovative Research in Science, Engineering and Technology, (Impact factor 1.682), 2013.
2. Ashalatha and Gopinath S. M., "Broad Spectrum Antimicrobial Activities and Phytochemical Analysis of *Alangium Salviifolium* Flower Extract", Global J Res. Med. Plants and Indigen. Med, March 2013.
3. Ismail Shareef M., Leelavathi S. and Gopinath S. M., "Isolation and Characterization of Pentadecanoic Acid Ethyl Ester from the Methanolic Extract of the Aerial Parts of *Anisomele Smalabarica* R.Br.", Global Journal of Research on Medicinal Plants and Indigenous medicine, 2014.
4. Gopinath S. M., Vidya G. M., Dayananda K. S., Narasimha Murthy T. P. and Ashalatha., "Isolation, Characterization and Purification of Bio-Active Compounds from *Andrographi Spaniculata* and *Cinnamon Verum* for Anti-Hiv Activity" International Journal of Innovative Research in Science, Engineering and Technology, (Impact Factor:6.209) (SJIF), 2014.
5. Umesha S., Chandan S., Gopinath S. M. and Ismail Shareef M., "Detection of *Leptospira* in Canine Samples using Polymerase Chain Reaction based on LipL32 gene and Biochemical Profiles in Canine Leptospirosis", Journal of Cell Science and Molecular Biology, 2014.
6. Gopinath S. M., Ismail Shareef M., Ashalatha and Shreya Ranjit., "Isolation, Screening and Purification of Cellulase from Cellulase Producing *Klebsiellavariicola* RBEB3 (KF036184.1)", International Journal of Science and Research, (Impact factor 3.358), 2014.
7. Gopinath S. M., Ismail Shareef M., Ashalatha and Shreya Ranjit., "Molecular Characterization of Cellulose degrading *Klebsiellavariicola* RBEB3 (KF036184.1) by 16S rRNA Technique", International Journal of Science and Research, (Impact factor 3.358), 2014.

8. Gopinath S. M., Vidya G. M., Suneetha T. B., Narasimha Murthy T. P. and Ashalatha, "Screening of Major Bio-Active Compounds of Few Medicinal Plants for Anti-HIV Properties", International Journal of Innovative Research in Science, Engineering and Technology, (Impact Factor: 6.209) (SJIF), 2014.
9. Suneetha T. B., Gopinath S. M., "Identification of Resistance Gene Analogs (RGAs) for Powdery Mildew Resistance in Garden Peas", International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753, Vol. 3, Issue 6, (33-36), (Impact Factor: 1.682), 2014.
10. Gopinath S. M., Ismail Shareef M., Ashalatha and Aravind Ganessin, "Bioremediation of Lubricant Oil Pollution in Water by Bacillus Megaterium", International Journal of Innovative Research in Science, Engineering and Technology, (Impact Factor: 6.209) (SJIF), 2015.
11. Suneetha T. B., Farheen, Amarnath, "DNA Fingerprinting of Medicinal Plant by RFLP and RFLP of Piper Nigrum", Research Journal of Chemical and Environmental Sciences, Vol. 4 (4S): 47-51 Online ISSN 2321-1040 CODEN: RJCEA2 (USA), 2016.

National Journals

1. Amulya G., Sudharani R., Ismail Shareef M. and Gopinath S. M., "Haemato-Biochemical Changes in Sheep Suffering from Gastrointestinal Parasitism", The Indian Journal of Field Veterinarians, 2014.
2. Amulya G., Sudharani R., Ismail Shareef M. and Gopinath S. M., "Anthelmintics and Anthelmintic Resistance against Gastrointestinal Nematodes of Small Ruminants, Indian Journal of Veterinary and Animal Sciences Research, 2015.
3. Amulya G., Sudharani R., Ismail Shareef M. and Gopinath S. M., "In Vivo and In Vitro Detection of Anthelmintic Resistance against Gastrointestinal Nematodes in Sheep", The Indian Veterinary Journal, 2015.

National Conferences

1. Suneetha T. B., "Bubble Size Measurement and Error Analysis for Air-water", The Institute of Engineers (India), 28th Indian Engineering Congress, Dec (28-30), 2013.

Department of Civil Engineering

International Journals

1. Shilpa Shet S., “Effect of Lime on the Index Properties of Black Cotton Soil and Mine Tailings Mixtures”, IOSR Journal of Mechanical and Civil Engineering (IOSRJMCE), Vol.3 (4), 01-07e- ISSN: 2250-3021,p-ISSN:2278-8719, (Impact Factor: 3.781), 2013.
2. Anupama., Pradeep N. V., Hampannavar U. S., Sneha M. K. and Vijay S. Kumbar., “Treatment of Distillery Wastewater by Microbial Fuel Cell followed by Rotating Biological Contactor”, International Journal of Earth Sciences and Engineering, Vol. 06, No. 05, pp. 1073-1078, 2013.
3. Manjunath H. R. and Prakash M. R., “Moment Redistribution in Two Spans Continuous High Strength Concrete Beams”, International Journal of Multidisciplinary Research and Advances in Engineering.(IJMRAE), ISSN 0975-7074, Vol. 5, No. I , pp. 151-167, 2013.
4. Jagdeesh and Prakash M. R., “Seismic Response of Steel Structure With Mega Bracing System” International Journal of Engineering Sciences and Research Technology, Vol. 5, No. I (), pp. 151-167, ISSN: 2277-9655 (Impact Factor: 4.116), 2013.
5. Rajesh Gopinath, “Regression Analysis of BOD5 and COD with TOC for Domestic Wastewater”, Vol. 1, Issue. 19, pp. 1-6, ISSN: 2319-2801, Chidambaram, Asian Academic Research Journal of Multidisciplinary, (Impact Factor: 1.5), 2014.
6. Rajesh Gopinath, “A Novel and Simpler Approach for Ranking of Indoor Air Pollutants”, International Journal of Emerging Technologies in Computational and Applied Sciences, ISSN: 2279-0055, Issue. 7, Vol. 4. Pp. 342-344 (Impact Factor: 1.237), 2014.
7. Balasubramanya N, “Progressive Deterioration of Groundwater Quality in Vrishabhavathi Valley Basin”, Bangalore, India., International Journal of Innovative Research in Advanced Engineering (IJIRAE) ISSN: 2349-2163 Vol. 1 Issue.. 5, 2014.
8. Prakash M. R. and Nikhil T. R., “Suggestions and Improvements to M D Block in Bangalore City”, Global Journal for Research Analysis -International, Vol.-3 Issue. 8, (Impact Factor: 3.1218), 2014.

9. Sushma R., "Impact of Water Quality on Strength Properties of Concrete", Vol. 4, Issue.07, pp.48-50, ISSN NO: 2249-555X, (Impact Factor:2.1652), 2014.
10. Dhananjay M., "Study of Thermal Gradient in Concrete Slabs through Experimental Approach", Global Journal of Researches in Engineering: Civil and Structural Engineering Vol. 14, Issue. 5, Version 1.0, pp.01-17, (Impact Factor 4.5), 2014.
11. Sushma R. and ShilpaShet S., "Indoor Air Quality Monitoring in College Campus", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4 Issue. 7 ISSN No Online: 2319-8753, ISSN Print: 2347-6710 (Impact Factor: 6.70), 2015.
12. Balasubramanya N. and Sheetal D. (Student), "Development of Water Quality Index (WQI) for Groundwater Covering the Parts of Padmanabhanagar, Bangalore Urban District", IJSTE - International Journal of Science Technology and Engineering | Vol. 1, Issue. 10, ISSN (online): 2349-784X, 2015.
13. Ramya R. and Rajesh Gopinath, "Change Recognition in Land-Cover Dynamics for Bangalore City due to Rampant Urbanization using Quantum G.I.S"., IJEBEA, 13(1), pp. 34-36, 2015.
14. Rajesh Gopinath, "Climate induced Deterioration Aspects of Manjarabad Fort with Remedial site-specific Restoration Measures", AIJRHASS, 11(2), pp. 115-117, 2015.
15. Dhananjay M, etal, "Effect of temperature Differential in HVSF Concrete Pavements" in International Journal of Innovative Research in Science, Engineering and Vol. 4, Issue. 10, (Impact factor: 6.209), 2015.
16. Balasubramanya N., "Evaluation of Chemical Parameters of Agro - Pollutant Coir Industrial Residue", Vol. 5 Issue. 3, International Journal of Science and Research (IJSR), 2016.
17. Balasubramanya N., Adarsh A., Vinay, Vidyadhar Patil and Sunil Kumar, "Laboratory Studies for Determining Effect of Sugar on Setting Time of Cement and Properties of Concrete", The International Reviewer Vol. 3, Issue. 1, pp. 12-14, ISSN 2395-1575, 2016.
18. Prakash M. R., "Seismic Response of Steel Structure With Mega Bracing System", International Journal of Engineering Sciences and Research Technology, ISSN: 2277-9655, (Impact Factor: 4.116), 2016.

19. Prakash M. R., “Studies on Strength Characteristics of Bacillus Subtilus Induced Self Healing Bacterial Concrete”, Global Journal for Research Analysis, Vol. 05, ISSN No.2277-8160, (Impact Factor: 3.62), 2016.
20. Balasubramanya N., “Cell Wall and Lignin Distribution in Coir Pith of Different Ages”, International Journal of Innovative Research in Science, Engineering and Technology (An ISO 3297: 2007 Certified Vol. 5, Issue. 5, ISSN (Online): 2319-8753 ISSN (Print): 2347-6710, 2016.
21. Nandeesh M. S., Arjun Reddy and Prabhakara R., “Investigations on Effect of CFRP Strips”, Vol. 5, Special Issue. 14, IJRET 2016.
22. Nandeesh M. S., Arjun Reddy and Prabhakara R., “Retrofitted using NSM Method on Two-Way NSC and HSC Slabs Subjected to Concentrated Load”, IJRET, Vol.: 05, Special Issue.: 14 | DOI: 10.15623/Ijret..0526011, ISSN: 2319-1163, PISSN:2321-7308, (Impact Factor 3.935), 2016.
23. Nandeesh M. S. and Prabhakara R., “Studies on Strength and Deformation Behavior of Two-Way NSC and HSC Slabs Under Single Point Loading”, IJRET Vol.05, Special Issue.: 14, DOI: 10.15623/Ijret..0526009, EISSN: 2319-1163, PISSN: 2321-7308, (Impact Factor: 3.935), 2016.
24. Satish Kumar M., VarunaKoti, Venkatesh Babu D. L. and Nagaraj V. K., “A Study on The Strength Properties of Inorganic Polymeric New Materials with Ggbs and Metakaol”, in IJOER, Vol. 4., Issue.3., ISSN:2321-7758, (Impact Factor: 4.349), 2016.
25. Jadar C.M. and Ghosh S., “Seismic Bearing Capacity of Shallow Strip Footing using Horizontal Slice Method”, International Journal of Geotechnical Engineering, Taylor and Francis, Vol.11, Issue.1, pp.38-50, 2016.
26. Prakash M. R. and Prabhakara R., “Torsional Behavior of Plain and Reinforced Normal Strength Concrete Beams”, Imperial Journal of Interdisciplinary Research, Vol. 3, Issue. -3 (Special Issue.), ISSN 2454-1362, (IJMIE) (Impact Factor: 6.269), 2017.

National Journals

1. Prakash M. R., "Parametric Analysis of Torsional Behavior of Plain Normal and High Strength Concrete Beams", M. S. R. Journal of Engineering and Technology Research (MSRJETR).Vol.1, Issue. 1 ISSN 2321-6751, pp. 5-9, July 2013.
2. Rajesh Gopinath, "Regression Analysis of BOD5 and COD with TOC for Domestic Wastewater", Vol.1, Issue. 19, pp. 1-6, Research Journal of Multidisciplinary, April 2014.
3. Nikhil T. R. and Sushma R., "Impact of Water Quality on Strength Properties of Concrete", Indian Journal of Applied Research, ISSN NO : 2249-555X, pp.48-50, Vol.4, Issue.:07, (Impact Factor: 2.1652), 2014.
4. Yateen Lokesh, "A Comparative Study on the Effect of Compaction on Strength and Physical Properties of Stone Matrix Asphalt Compacted by Marshall Compaction and Superpave Gyratory Compaction Methods", Indian Journal of Applied Research, pp:60-62, Vol.4, Issue.:07, ISSN No: 2249-555x, (Impact Factor: 2.1652), 2014.
5. Yateen Lokesh and Harish J. Kulkarni, "Study on the Effect of Coir Fibres on SDBC Grade-2 mix", pp: 31-33, Vol.3, Issue.07, IJSR, ISSN No: 2277-8179, (Impact Factor: 1.8651), 2014.

International Conferences

1. Sushma R., "Decentralized Municipal Solid Waste Management", Bioenergy, Environment and Sustainable Technologies (BEST-2015) Tamilnadu, Tiruvannamalai, Arunai Engineering College, 2015.
2. Sushma R. and Balasubramanya N., "Hydro 2015 (20 The International Conference on Hydraulics, Water Resources And River Engineering)", Uttarakand, Roorkee, IIT Roorkee, 2015.
3. Prakash M. R. and Prabhakara R., "Analysis of Torsional Behaviour of Reinforced Normal, Medium and HSC Beams", 4th International Engineering Symposium-IES2015, Graduate School of Science and Technology, Kumamoto University, Japan, 2015.

4. Jagdeesh and Prakash M. R., “Seismic Response of Steel Structure with Concentric Bracing System”, 8th International Conference on Biotechnology Civil and Chemical Engineering (ICBCCE-2015), Technical Research Organization India ISBN: 978-93-85225-40-6, 2015.
5. Prakash M. R. and Prabhakara R., “Torsional Behaviour of Plain and Reinforced concrete Beams”, International Conference on Current Trends in Engineering, Science and Technology (ICCTEST-2017), Ku Home Kasetsart University, Bangkok (Thailand), 2017.
6. Jadar C. M., Saha A., Ghosh S. Vadavadagi and Jadar C. M., “Numerical Modeling of MSE Wall using Pseudo-dynamic Method”, International Conference on Geotechniques for Infrastructure Projects (Conference Proceedings), PID (13)1-5, 2017.

National Conferences

1. Balasubramanya N., “Formulation of Water Quantity Indices for the Ground Water of Five Cities of Chattasgarah India”- National conference , CRDCE 13 Sardarvallabhai Patel institute of technology Anand, Gujarat, 2013.
2. Nikhil T. R. and Prakash M. R., “Studies on Strength Characteristics of Self Healing Bacterial concrete” Bio Sciences :State of the art Advancements Kumarakom, Kerela, India, 2014.
3. Balasubramanya N. and Sushma R., “Ground Water and Surface Water Quality Status of Bangalore, India”, 20th International Conference on Hydraulics Water Resources and River Engineering, 2015.
4. Dhananjay M., “Temperature Effects in High Performance Concrete Pavements for Different Thickness”, National Conference on Scientific, Computational and Information Research Trends in Engineering-2016 at GSSS Institute of Technology for Women, Mysuru, 2016.
5. Jadar C. M., Saha A., and Ghosh S., “Comparative Study on Seismic Bearing Capacity of Shallow Strip Footing Considering Three Different Failure Mechanisms” NES Geo- Congress (Conference Proceedings) 86-99, 2016.

6. Dhananjay M., “Pragmatism meets Benevolence in Globalized Economy for new labor reforms: An Exploration”, 6th National Conference on “Transit India – Pragmatic Reforms and stakeholders Recommendations”, Bapuji B-Schools, Davangere, 2017.

Books authored/Edited/Chapter Contribution

1. Balasubramanya N., A text book of Elements of Civil Engineering and Engineering Mechanics publisher Subhas Stores 2014.
2. Balasubramanya N. and Rajesh Gopinath , Environmental Studies, Subhas store, 2015
3. Balasubramanya N., Hydraulogy and Irrigation Engineering, Sapna book Bangalore, 2015.
4. Balasubramanya N., Hydraulic Structure and Irrigation Design and Drawing- Sapna book Bangalore, 2016.
5. Balasubramanya N., Fluid Mechanics, Sapna book Bangalore, 2016.
6. Balasubramanya N., Applied Hydraulics, Sapna book Bangalore, 2017.

Department of Computer Science and Engineering

International Journal

1. Suresh Patel, "An on Demand Routing Technique for Cognitive Radio ADHOC Network and its Performance Analysis", IJERT 2013.
2. Vani K. S. and Nagaveni V., "An Efficient Method to Feed High Resolution Images to Facial Analysis Systems", Graduate Research in Engineering and Technology (GRET) An International Journal, ISSN 2320 – 6632, 2013.
3. Narasimha Murthy M. S., "E-Health Care Billing and Record Management system using Android with Cloud", IOSR Journal of Computer Engineering, Vol.11, Issue-4, 2013.
4. Narasimha Murthy M. S., "Cloud Vision using MOCHA Architecture on Jelastic Cloud", International Journal on Engineering and Innovative Technology, Vol.2, Issue.11, 2013.
5. Sunil G. L., "Data Sharing in the Cloud with Distributed Accountability", IJERT 2013.
6. Varalakshmi B. D., "Ensuring Security in Multi Clouds using Secret Sharing Scheme", IRNet, May 2013.
7. Nagesh A. G., "Secure Data Aggregation for Peer to Peer node", IRNet, May 2013.
8. Suresh Patel, "An on Demand Routing Technique for Cognitive Radio ADHOC Network and its Performance Analysis", International Journal on Engineering and Innovative Technology, Vol.2, Issue.11, 2013.
9. Deepa T. P., "EEG based Sleep Signal Detection", IJETT- Vol.3, No.1, 2013.
10. Deepa T P, "A Routing Protocol to Evade Congestion in Adhoc", IJETT –Vol.2, No.1, 2013.
11. Praveen Naik, "Protection of Control Frames in Wireless Network", IJARCSSE, 2013.

12. Venkatesh Sharma and Kumar P. V., "An Efficient Risk Analysis based Risk Priority in Requirement Engineering using modified Goal Risk Model", International Journal of Computer Applications, Vol.73, Issue.14, 2013.
13. Deepak S. S., "Optimized Coverage and Connectivity for Randomly Deployed Wireless Sensor Network for Lifetime Conservatory", IJCET, ISSN 0976-63, Vol.4, No.6, pp.247-255, 2013.
14. Venkatesh Sharma, Kumar P. V., "A method to Risk Analysis in Requirement Engineering using Tropos Goal Model with Optimized Candidate Solutions", International Journal of Computer Applications, Vol.10, Issue.6, 2013.
15. Vandana Reddy, "EEG Sleep Signal Processing to Alert Driver in Intelligent Vehicular System using Mobile Device", Vol.3 No.1, IJETT, 2013.
16. Vani K. S., "Most Efficient Methods for Automated Unauthorized and Suspicious Activity Recognition in Surveillance Videos", IJERT, 2013.
17. Vandana Reddy, "A Routing Protocol to Evade Congestion in Time Critical Events in Wireless Sensor Networks (ECTCE)", Vol.3, No.1, 2013.
18. Nagaveni V., "A Survey on Various Parallel Power Aware Task Scheduling Algorithms for Reducing Power Consumption", Vol.2, Issue.4, 2013.
19. Nagesha A G,"A Framework to Utilization of Wireless Link Capacity for Mobile Video Streaming and Video Sharing in Social Networks using Cloud", International Journal of Engineering Research & Technology,4/1/2014,Journal,2.85 IP
20. Manujakshi B C, "Protection of Frames in Wireless sensor Networks", IJARCSSE Vol.3, Issue. 12, 2014
21. Lavanya B. C., Ravikumar G. K. and Kumar P. V., "Public Auditability Services for Outsourced Storages in Clouds using Third Party Auditor", International Journal of Engineering Research & Technology (IJERT), Vol.3, Issue.5, ISSN : 2278-0181, 2014.
22. Praveen Naik and Manujakshi B. C., "Under Water Acoustic (UW-a) Communication Architecture and the Key Notions of UW-a Propagation ", Vol.3, Issue. 2, e-ISSN: 2319-1163 p-ISSN: 2321-7308, 2014.

23. Varalakshmi B. D., “MEMS Sensors Controlled Haptic Forefinger Robotic AID”, International Journal of Advanced Research in Engineering & Technology (IJARET), Vol.5, Issue. 10, pp. 45-54, (Impact factor:7.8273), 2014.
24. Deepak S. S., “Delivering of Real Time Services through Internet Protocol using Cloud Computing”, International Journal of Engineering and Computer Science, 2014.
25. Suresh Patel, “An On-demand Routing Technique for Cognitive Radio Ad-hoc Network”, Vol. 2, Issue. 5 ISSN: 2278-0181, 2014.
26. Nagaveni V. and Raju T. G., “Performance Study of Parallel Programming Paradigms on a Multicore Clusters using Ant Colony Optimization for Job flow Scheduling Problems”, IJCSIT, Vol. 5, Issue. 3, pp.4004-4008, 2014.
27. Hari Prasad and Kumar P. V., “Developing an approach for DNA packing through dReaM – A novel tool.”, International Journal of Advanced Research in Computer Science and Software Engineering, Vol.4, Issue-7, 2014.
28. Venkatesh Sharma and Kumar P. V., “A Method to Risk Analysis in Requirement Engineering through Optimized Goal Selection Tropos Goal Layer”, Journal of theoretical and Applied Information Technology, Vol-61, Issue-2, 2014.
29. Nagaveni V., “Implementation of Energy Aware Parallel Task Scheduling using Power Aware List Scheduling (PALS) Algorithm using MATLAB and its Performance Analysis”, International Journal of Applied Engineering Research , ISSN 0973-4562 Vol. 9, No. 20 , pp: 7017-7028, **Scopus Indexed**, 2014.
30. Nagaveni V. and Raju G. T., “Parallelization of Smith Waterman Algorithm using MATLAB, OpenMP, MPI and Hybrid Approach and their Performance Analysis”, International Journal of Applied Engineering Research, ISSN 0973-4562 ,Vol.10, No. 9, pp: 22515-22534 , **Scopus Indexed**, 2015.
31. Nagesha A. G., “Intrusion Detection Prototype System for Massive Mobile Applications using Cloud Computing”, International Journal of Engineering Research & Technology, (Impact Factor: 2.85), 2014.
32. Nikshep S. S and Deepak S. Sakkari, “Delivering of Real Time Services through Internet Protocol using Cloud Computing”, IJECS, Vol. 3, No. 5, pp: 5954-5959, (Impact Factor: 4.3098), 2015.

33. Nagaveni V., “Various String Matching Algorithms for DNA Sequences to Detect Breast Cancer using CUDA Processors”, International Journal of Engineering & Technology, IJET-IJENS, Vol. 14 Issue. 03 ISSN: 2077-1185, pp. 2227-2712, **Scopus Indexed**, 2014.
34. Vani K. S., “An Efficient Method to Feed High Resolution Images to Facial Analysis Systems”, Graduate Research in Engineering and Technology (GRET), 2014.
35. Vani K. S., “Image based Velocity Estimation by Feature Extraction and Sub-pixel Image Matching”, IJERT, 2014.
36. Deepa T. P., “Data Aggregation to improve QOs in WSN”, IJCSMC, 2014.
37. Deepa T. P., “BBC-AR”, IJCSMC, 2014.
38. Deepa T. P. and Vandana Reddy, “Routing based Approach to Control Congestion in Time Critical Events of Sensor Nodes”, International Journal of Engineering Trends and Technology, 2014.
39. Praveen Naik, “Mining the Web Data using Data Mining Techniques for Identifying and Classifying the User Access Behavioral Patterns”, IOSR-JCE, e-ISSN: 2278-0661, p- ISSN: 2278- 8727, Vol.16, Issue. 2, 2014.
40. Praveen Naik and Vandanna Reddy, “Software Development Process by a Logical Approach to Quantify the Throughput by Balancing Time and Cost”, IOSR-JCE e-ISSN: 2278-0661,p-ISSN: 2278-8727, Vol.16, Issue. 5, 2014.
41. Srivinay, “A Novel Method for Unified Blind Motion Deblurring of Single/Multi Image/Video using Blur Deconvolution”, IJIRAE, Vol.1 Issue. 1, 2014.
42. Vandana Reddy and Deepa T. P., “EEG based Drowsiness Alert System using Mobile Device for Intelligent Vehicle”, International Journal o Engineering Trends and Technology, 2104.
43. Channabasamma, “A Safety Check-in Application for Location Recognition over Smartphones”, International Journal of Recent and Innovation Trends in Computing and Communication, 2014.

44. Dhanya V. Kurup, "Explore HASBE Scheme for Fine-Grained Access Control of Outsourced Data in Cloud Computing", International Journal of Scientific and Engineering Research, Vol.5, Issue.3, ISSN 2229-5518, 2014.
45. Dayanand Lal N., "Efficient IOT Based Sensor Data Analysis in Wireless Sensor Networks with Cloud", IOSR-JCE e-ISSN: 2278-0661,p-ISSN: 2278-8727, Vol.17, Issue.3, Ver.VII, 2014.
46. Surekha K. B., "Efficient Hierarchical Based Routing Protocol Enhancement for Energy Balancing and Prolonging the Lifetime of the WSNs", ISSN (Print): 2319-2526, Vol.3, Issue.3, IRACST – International Journal of Computer Networks and Wireless Communications (IJCNCW), ISSN (Print): 2319-2526, (Impact factor: 1.35), 2014.
47. Surekha K. B., "Go Green: A Case Study of Power Demand of Data Center and Technical Institutions in India", IJCA Proceedings on International Conference on Information and Communication Technologies ICICT (6), pp.26-29, (Impact factor: 3.1524), 2014.
48. Gayathri Kamath B., "A Comparative Study Network Bandwidth Allocation Protocols for Data Center Networks in Cloud", IJCA Journal, 2014.
49. Mohan K. G., "Using Proxies to Facilitate Collaboration in Multi-Cloud Computing Environments", IJACTE, Vol.3, Issue.2, 2014.
50. Mohan K. G., "An Optimal Data Placement Framework to Increase Performance of Map Reduce for Data Intensive Applications with Interest Locality", IJCSE, Vol.3, Issue.4, 2014.
51. Latharani T. R., "An Efficient Method for Classification of Rice Grains using Morphological Process", International Journal of Innovative Research in Advanced Engineering", Vol. I, Issue. I, 2014.
52. Mohan K. G., "A Survey of Visualization Techniques in Computer Graphics", IJETAE ISSN 2250-2459 Vol. 3, Issue. 7, 2014.
53. Deepa T. P., "Segmentation of Fetal Brain to Extract Limbic System Region from Raw Prenatal MRI", IJCSMC, Vol. 4, Issue. 2, 2014.

54. Deepak. S. Sakkari and Basavaraju T. G., “Energy Efficient Scheme to Jointly Optimize Coverage and Connectivity in Large Scale Wireless Sensor Network”, IJECE Vol. 5, No. 3, pp. 454-463, (Cite Score: 0.37), **SCOPUS Indexed**, 2015.
55. Deepak. S. Sakkari and Basavaraju T. G., “GCCT: A Graph-based Coverage and Connectivity Technique for Enhanced Quality of Service in WSN”, WPC-Springer, Vol. 85, Issue. 3, pp. 1295-1315, (Impact Factor: 0.701), 2015.
56. Vani K. S., “Cryptographic Algorithms for Efficient and Secure Data Sharing”, IJARCCE, Vol. 4, Issue. 2, 2015.
57. Mohan K. G., “Review of Visualization Techniques in Computer Graphics”, (ISSN 2347 - 6435 (Online)) Vol.3, Issue.1, 2014.
58. Varalakshmi B. D. and Devikarani P., “Hand Gesture Recognition for MP3 Player using Image Processing Technique and PIC16F8779”, International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2277-3878 (Online), Vol.4 Issue.4, pp. 45-49, Impact Factor(1.275), 2014.
59. Surekha K. B., “Energy Efficient Cross Layer Routing Protocol with Adaptive Dynamic Retransmission for Wireless Sensor Networks IRACST”, – International Journal of Computer Networks and Wireless Communications (IJCNC), ISSN: 2250-3501, Vol.4, No.2, 2014.
60. Ziaur Rahaman and Rajshekar Targar, “Cloud EMVS: Cloud-based Enhanced Mobile Video Streaming”, International Journal of Science and Research, Vol. 2, Issue. 4, ISSN (online): 2319 – 7064 (Impact Factor: 3.358), 2014.
61. Naidila Sadashiv and Dilip Kumar S. M., “Classification of Resource Management and Pricing Models in Cloud Computing”, International Journal of Advances in Computer Science and Cloud Computing (IJACSCC), Vol. 2, No. 2, ISSN: 2321-4058, (Impact Factor: 2.05), 2014.
62. Surekha K. B., “An Energy Efficient Routing Protocol Based on Closeness Factor for Wireless Sensor Networks”, 5(2): 31-36 DOI: 10.5923/j.ijnc.20150502, 2014.
63. Mohan K. G., “Energy Efficiency in Processors- A Survey”, IJERT, ISSN: 2278-0181, 2014.

64. Manjunath G. S., “An Efficient, Secure De Duplication Data Storing in Cloud Storage Environment”, IJRET, 2015.
65. Varalakshmi B. D., “Sleuthing and Resolving Sensor Node Failure in WSNs International Journal of Computer Science and Mobile Computing”, IJCSMC, Vol. 4, Issue. 7, 2015.
66. Ziaur Rahman and Manjunath Hanchinal, “A Novel Self-Organizing Mechanism for Load Balancing and Handover in Network” of International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue. 5, ISSN (online): 2278 – 1021, (Impact Factor: 4.582), 2015.
67. Hari Prasad and Kumar P. V., “Lossless Compression of Repetitive and Non-Repetitive DNA Sequences using a Novel First Art Methodology”, International Journal of Research Development Organization, 2015.
68. Varalakshmi B. D., “Dynamic Approach for Real time and Non-Real Time Packet Scheduling in WSNs”, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue. 5, ISSN (Online) 2278-1021 ISSN (Print) 2319-5940, 2015.
69. Surekha K. B., “Efficient Sleep Scheduling Strategy to enhance the Network Lifetime of WSN”, International Journal of Engineering Research ISSN:2319-6890(online), 2347-5013(print) Vol. 4, Issue Special. 4, (Impact Factor: 0.421), 2015.
70. Surekha K. B., “Minimization of Transmission Energy by Exploiting Redundancy in Temporal Data”, IJAER, ISSN 0973-4562 Vol. 10 No. 86, Research India Publications, (Impact Factor 1.823), 2015.
71. Ziaur Rahman and Lakshmi T. S., “Enhanced Resource Scheduling in VCL Cloud Architecture” of International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue. 7, ISSN (online): 2278 – 1021, (Impact Factor: 5.332), 2016.
72. Bhavana A., “Evaluation Perception, Characteristics and Research Directions for IoT: An Investigational Survey.” IJCA (0975-8887) Vol.121 No.4, 2015.
73. Dayanand Lal N., “A Survey on the use of GNS3 for Virtualizing Computer Networks”, (IJCSE) ISSN(P): 2278-9960; ISSN(E): 2278-9979 Vol. 5, Issue.1, 2016.

74. Manujakshi B C, “Review of Techniques used for Sensory Data Analytics over cloud IEEE Conference”, 978-1-4673-9338-6/16/\$31.00_x0002_c 2016 IEEE, 2016
75. Varshini Vidyadhar, “The Multi-keyword Synonym Search for Encrypted Cloud Data Using Clustering Method”, ISO 3297:2007 Certified Vol. 5, Issue. 8, 2016.
76. Nagesha A. G., “A Survey on Wireless Security Standards and Future Scope”, International Journal of Latest Research in Engineering and Technology (IJLRET), 2016.
77. Nagaveni V., “A Detailed Survey on Approaches of Phylogenetic Analysis”, ISSN 2320-088X, International Journal of Computer Science and Mobile Computing, IJCSMC, Vol. 5, Issue. 7, pp.239 –244, (Impact Factor: 5.258), 2016.
78. Nagaveni V., “Accelerating Biomedical Imaging using parallel Fuzzy C-Means Algorithm”, International Journal of Combined Research & Development (IJCRD) eISSN:2321-225X;pISSN:2321-2241 Vol. 5, Issue. 6, 2016.
79. Nagaveni V., “Hadop Map reduce based Distributed Phylogenetic Analysis”, ISO-3297:2007, International Journal of Computer Science Trends & Technology. Vol. 4, Issue. 4, ISSN:2347-8578, 2016.
80. Pavan V. H. and Kumar P. V., “Featureless Classification Model Training Algorithm based on Similarity Measure”, International Research Journal of Engineering and Technology”,(IRJET), Vol.3, Issue.9, ISSN : 2395-0072, 2016.
81. Naidila Sadashiv and Dilip Kumar S. M., “Broker-based Resource Management in Dynamic Multi-Cloud Environment”, International Journal of High Performance Computing and Networking (IJHPCN), Inderscience Publishers (ISSN: 174-0562,), (Impact Factor: 0.46), 2016.
82. Naidila Sadashiv and Dilip Kumar S. M., “A Bayes Theorem based Node Selection for Load Balancing in Cloud Environment”, International Journal on Cloud Computing: Services and Architecture (IJCCSA), Vol. 7, No. 1, (ISSN: 2231-6663), 2017.
83. Nagesha A. G., “Security Issues in Next Generation Wireless Networks”, IJSRO, (IP 3.27), 2017.

84. Nagesha A. G., “Analysis of Effective Encryption Techniques for Attribute-Based System in Storage Cloud”, IRJET, (IP 5.181), 2017.
85. Varalakshmi B. D. and Madhura R. Manthale, “A Survey on Analysis of Service usage of Application using Multistage Classifier for Network Traffic Classification”, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056, Vol. 04, Issue. 05, www.irjet.net p-ISSN: 2395-0072, I P 5.181, 2017.
86. Naidila Sadashiv and Dilip Kumar S. M., “A Bayes Theorem based Node Selection for Load Balancing in Cloud Environment”, International Journal on Cloud Computing: Services and Architecture (IJCCSA), Vol. 7, No. 1, ISSN: 2231-6663, 2017.
87. Nagaveni V. and Thrupthi V., “A detailed Survey on Identity-Based Key Encapsulation Mechanism”, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Vol. 04 Issue. 05, www.irjet.net p-ISSN: 2395-0072, 2017.

National Journals

1. Narasimha Murthy M. S., “Multitenancy and Scalability Issues in Cloud Computing”, Recent Trend in Computer Science and Engineering [NCRTCSE-13], 2013.
2. Nagashree N., “Survey on BCI Technics for Emotion Recognition”
3. Nagashree N., “Classification of Human Emotions using Genetic Algorithms”, ISSN : 2278 – 1129, Vol.2 Issue. 1.
4. Karthik D. U., “A Systematic Approach to Cloud Security Using SeDas Platform”, NCMTCS-2014.
5. Mohan K. G., Raghunandan V. and Srivinay, “Spatio Temporal Scheduling strategy to Enhance the Network Lifetime of WSN”, NCRTCST 2015.

International Conferences

1. Vani K. S., “FEC Techniques for Reliable Data transmission”, - Best Paper Award, Bangalore, 2013.
2. Ravikumar G. K., “12 Lead Compatible ECG Machine”, DBIT, 2013.

3. Mohan K. G., “A Low Cost Barcode Reader Health Application Young Investigator “, IrNet, 2013.
4. Nagesha A. G., “Secure Data Aggregation for Peer to Peer Nodes in Wireless Sensor Networks”, IrNet, 2013.
5. Suresh Patel, “An on Demand Routing Technique for Cognitive Radio ADHOC Network and its Performance Analysis”, IJERT Bangalore, 2013.
6. Varalakshmi B. D., “Ensuring Security in Multi Clouds using Secret Sharing Scheme ICICE-2013”, IRD-India, Bangalore, 2013.
7. Ganga S. and Surekha K. B., “Improved AODV based on Energy Strength and Dropping Ratio”, International Conference on Electronics and Communication Engineering, Bengaluru, ISBN: 978-93-83060-04-7, 2013.
8. Sunil G. L., “Data sharing in the Cloud with Distributed Accountability ICICE-2013”, IRD-India, Bangalore, 2013.
9. Deepak S. S., “Frame Work for Enhanced Joint Connectivity and Coverage Using Random Based Distribution in WSN”, ICCCNT-2013, Tamilnadu, 2013.
10. Naidila Sadashiv, Dilip Kumar S. M. and Goudar R. S., “Priority based Resource Allocation and Demand based Pricing Model in Peer-to-Peer Clouds”, International Conference on Advances in Computing, Communications and Informatics (ICACCI-2014), New Delhi, pp.1210-1216, (Published in IEEE Explore, ISBN: 978-1-4799-3080-7), 2014.
11. Naidila Sadashiv, Dilip Kumar S. M. and Goudar R. S., “Hybrid Spot Instance based Resource Provisioning Strategy in Dynamic Cloud Environment”, International Conference on High Performance Computing and Applications (ICHPCA-2014), Bhubaneswar, pp.1-6, (Published in IEEE Xplore, ISBN: 978-1-4799-5958-7, **Received the Best paper award** – 2014.
12. Thippeswamy G., “Emerging Trends and Research Avenues in Image Processing”, MCE Hassan, 2013.
13. Nagaveni V., “String Matching Algorithms for DNA Sequences to Detect Breast Cancer using CUDA Processors and various existing methods to treat Breast Cancer”, International Conference SET 2014 5/6/2014 VIT Vellore.

14. Vani K. S., "An Efficient Method for Reliable Routing In-Network Aggregation in Wireless Sensor Networks", International Conference on Science Engineering & Technology Vellore, 2014.
15. Varalakshmi B. D., Abhilasha P., Thriveni J., Venugopal K. R. and Patnaik L. M., "Forefinger Direction Based Haptic Robot Control for Physically Challenged using MEMS Sensor", Fourth IEEE International Conference on Information Communication and Embedded Systems ICICES-2014, 2014.
16. Nagesha A. G., "A Survey on IDS and a Mechanism for Detecting Malicious Nodes using Enhanced Secure Acknowledgment (ES-ACK)", IJIRCCE, International Conference, 2015.
17. Karthik D. U., "Efficient IOT Based Sensor Data Analysis in Wireless Sensor Network with Cloud", International Organization of Scientific Research community of Researcher, Vol. 17, Issue. 3, (Impact Factor 1.213), 2015.
18. Deepak. S. Sakkari and Basavaraju T. G., "Enhancing Coverage / Connectivity with Retention of Network Lifetime in Wireless Sensor Network", IEEE-ICATCCT-2015, BIET, Davangere, 2015.
19. Manujakshi B. C., "SDaaS: Framework of Sensor Data-as-a-Service for Leveraging Services in Internet-of-Things Springer Conference, 2015.
20. Sagar Yeruva, Kumar P. V. and Padmanabham P., "Distributed Data Warehouse – Experimentation with TPC-DS", International Conference on Computational Intelligence and Computing Research (ICCIC), 2015.
21. Sagar Yeruva, Kumar P. V. and Padmanabham P., "Design of Distributed Data Warehouse – A Vertical Fragmentation Approach", International Conference on Next Generation Computing Technologies (NGCT), 2015.
22. Naidila Sadashiv, Dilip Kumar S. M. and Goudar R. S., "Cloud Capacity Planning and HSI based Optimal Resource Provisioning", in Proceedings of Second IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT2017), Coimbatore, pp. 905-911, (To be published in IEEE Xplore, ISBN:978-1-4799-6085-9), 2017.

National Conferences

1. Nagaveni V., "Performance Instrumentation and Compiler Optimizations for MPI/OpenMP Applications ", National Conference on Emerging Technologies in Electronics & Communication Engineering, APSCE, Bangalore, 2014.
2. Mohan K. G. and Surekha K. B., "GO-GREEN A case study of Power demand of data center and Technical institutions in India", ICICIT-2K14, Shimoga, 2014.
3. Gayathri Kamath B., "A Comparative Study of Network Bandwidth Allocation Protocols for Data Center Networks in Cloud", ICICIT-2K14, Shimoga, 2014.
4. Vaishak Sundresh, "National Conference on Advances in Information Technology Invited A survey on Assured File Deletion and Access Control", SJBIT, Bangalore, 2014.
5. Mohan K. G., "Hot Chips to Green Clouds using green chips ICICIT-2K14", Shimoga, 2014.
6. Nagashree, "Evolutionary Optimization method for human emotion recognition using EEG waves", JSS Academy of Technical Education, 2014.
7. Varalakshmi B. D. and Devikarani P., "A Survey on Hand Gesture Recognition Systems", National Conference on Recent trends in Computer Science NCRTCS-2014, Shivagangothri, Davanagere University, Davanagere, 2014.
8. Lavanya B. C., Ravikumar G. K. and Kumar P. V., "An architecture of Audit Services for Outsourced Storages in Clouds", NCAIT-14, 2014.
9. Surekha K. B., "Shift Based Node Scheduling", NCETCSE -15, BGSIT - **II best paper award**, 2015.

Department of Construction Technology and Management

International Journals

1. Anil Kumar M. and Virendra Kumara K. N., Annadinni., “ Suitability of Steel Slag and E-Sand in Glass Fiber Fly Ash Based Concrete”, International Journal of Informative and Futuristic Research (IJIFR), (Impact Factor : 1.05), 2015.
2. Anil Kumar M., Manu J. and Bhanulatha G. N., “ Suitability of E- Suitability of E-Sand as Replacement for River Sand in Sand as Replacement for River Sand in Glass Fiber Reinforced Concrete”, International Journal of Research in Engineering and Advanced Technology(IJREAT), (Impact Factor: 2.31), 2015.
3. Mohammed Shahid Ahmed, Anil Kumar M. and Banulatha G. N., Manu J., “Study on Behavior of Cable-Stayed Bridges under the Action of Moving Loads”, International Journal of Advanced Research in Education Technology (IJARET), (Impact Factor: 1.56), 2015.
4. Maruthesha Reddy M. T., Prabhakar B. C., Akshatha M. R. and Sandeep N. U., “Nitrate Levels of Hoskote Taluk”, Bangalore rural District, Karnataka, India. IJRET Vol.2, Issue 9, 2015.
5. Maruthesha Reddy M. T. and Shirisha Reddy Y. C., “Occurrence of Droughts in Hoskote Taluk, Bangalore rural District, Karnataka, India”. IJAERS International Journal of Engineers, Research and Science/Vol.2, Issue.1 ISSN-2349-6495 pp 7-13 , 2015,
6. Maruthesha Reddy M. T., “Groundwater Quality Report of Hoskote Taluk - A Case Study”, IRJET International Research Journal Of Engineering and Technology),Vol.3, Issue.3, pp 865-871, 2016.
7. Maruthesha Reddy M. T., Prabhakar B. C. and Akshatha M. R., “Groundwater quality report of M.V.J.Medical College, Dandupalya, Hoskote Taluk A Case Study”, IJIRT Vol.2, Issue 8, 2016.
8. Maruthesha Reddy M. T., Prabhakar B. C. and Bringesh K.V., “Trends of Observation Wells, its Remedial Measures and Feasibility Studies of Hoskote Taluk, Bangalore rural District, Karnataka, India”. IJCRD Vol.5, Issue 1, 2016.

Books authored/Edited/Chapter Contribution

1. Maruthesha Reddy M. T., A Text Book of Engineering, Geology- UPTU Syllabus, Newage International Publishers, Delhi, 2013.
2. Maruthesha Reddy M. T., A Text Book Of Geology, SIPLI, Delhi, 2017
3. Maruthesha Reddy M. T., Lab Manual of Engineering Geology/ Observation Book, Subash Publications, Bangalore 2017.
4. Maruthesha Reddy M. T., Engineering Geology Lab Manual, ,SIPLI, Delhi, 2017.

Department of Electronics and Communication Engineering

International Journals

1. Prithvi Shekar Pagala., et al., “Modular Robot System for Maintenance Tasks in Large Scientific Facilities”, International Journal of Advanced Robotic Systems, Vol. 10, no. 394, 2013.
2. Rajeswari, Prasad N.N.S.S.R.K. and Satyanarayana V., “A Hybrid SVM/HMM Architecture for Robust Speech Recognition”, International Journal of Computer Applications (IJCA), Vol. 75, No.16, pp.17-22, 2013.
3. Raji P. and Shobha Rani A., “Detecting Packet Droppers and Modifiers in Wireless Sensor Networks”, International Journal of Wireless Communication and Simulation, Vol.5 , No 1, pp.41-48, 2013.
4. Shobha Rani A. and Puttamadappa C., “Design and Development Cross Layer MAC-Routing Protocol framework for Wireless Sensor Networks”, International Journal of Computer Networks and Wireless Communications (IJCNC) Vol. 3, No. 3, 2013.
5. Shobha Rani A. and Puttamadappa C., “Cross-Layer Design Based Temporally Ordered Routing Protocol for Wireless Mesh Networks”, International Journal of Computer Networks and Wireless Communications Vol 3. No.4, 2013.
6. Shobha Rani A. and Puttamadappa C., “e-CARP: efficient-Cross Layer Congestion Control Adaptive Routing Protocol for Mobile Ad hoc Networks in Constrained Environment”, International Journal of Computer Science and Communication Networks (IJCSCN) Vol 3, No.2, pp 126-133, 2013.
7. Mamatha K. M., Sumalatha S. and Nalini S., “EOG Based HMI For Paralyzed People To Control Electrical Devices”, International Journal of Engineering Research and Technology (IJERT), Vol. 2 No. 5, ISSN: 2278-0181, 2013.
8. Sujatha B. M., Shwetha M. and Ashvini, “Analysis of Image Compression Algorithms in WSN: A review”, International Journal of Science, Engineering and Technology Research (IJSETR) Vol. 3 No. 4, pp-1029-32, 2014.
9. Jayalaxmi H. and Ramachandran S., “Mosaicking of Color Images Using Feature Based Block Wise Corner Detection Algorithm”, International Journal of Graphics And Image Processing (IJGIP), Vol.4, No.2, 2014.

10. Jayalaxmi H. and Ramachandran S., “Design of Novel Algorithm and Architecture for Feature Based Corner Detection for Image Mosaicking”, IOSR Journal of VLSI and Signal Processing (IOSR-JVSP), 2014.
11. Ashwini P. and Jayalaxmi H., “Image Mosaicking Using Sift and Corner Detection Algorithm”, International Journal of Advanced Technology and Engineering Research (IJATER), 2014.
12. Deepu R., Vedavathi and Shobha Rani A., “An Analysis on Colorization-Based Compression Techniques”, International Journal of Advanced Research in Computer and Communication Engineering Vol. 3, No. 3, 2014.
13. Mondakini Dihingia, Santosh Ranadev and Shobha Rani A., “An Analysis on Implementation of Leach Protocol”, International Journal of Engineering Trends and Technology (IJETT) – Vol. 10 Number 3, 2014.
14. Prithvi Shekar Pagala, et al., “Evaluation of Modular Robot System for Maintenance Tasks in Hot Cell Fusion Engineering and Design”, International Journal for Fusion Energy and Technology, Vol. 89, No.9–10, 2014.
15. Lakshmikanth S., Natraj K. R. and Rekha K. R., “Noise Cancelation in Speech Processing- A Review”, International Journal of Advanced Research in Computer and Communication Engineering Vol.3 No. 1, 2014.
16. Lakshmikanth S., Natraj K. R. and Rekha K. R., “Novel Approach for Industrial Noise Cancellation using ICA-EMD with PSO”, International Journal of Signal Processing, Image Processing and Pattern Recognition, Vol. 7, No. 6, pp. 345-358, 2014.
17. Lakshmikanth S., Natraj K. R. and Rekha K. R., “Hybrid Approach for Speech Signal Denoising using ICA-DWT”, International Journal of Electronics Communication and Computer Engineering, Vol.5, No. 6, ISSN (Online): 2249–071X, ISSN (Print): 2278–4209, 2014.
18. Manas Manjunath Shastri, and Nataraju A. B., “Implementation of Token Based Distributed DCF for 802.11 MAC”, International Journal of Innovative Research and Development Vol.3, No. 5, 2014.
19. Santhosh Ranadev and Manjunatha R. C., “Fault Node Recovery Algorithms in Wireless Sensor Networks: A Review”, International Journal of Innovative Research and Studies.Vol.3, No. 4, 2014.

20. Manjunatha R. C., Rekha K. R. and Nataraj K. R., “A review-Detection and Alleviation of Clone Attacks in Wireless Sensor Networks”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 2, No. 12, 2014.
21. Manjunatha R. C., Rekha K. R. and Nataraj K. R., “Performance Evaluation of Black Hole Attack in Wireless Sensor Networks”, International Journal of Electronics computer and communication Engineering Vol.5, No. 6, SSN (Online): 2249–071X, ISSN (Print): 2278–4209, 2014.
22. Bindusree A. P., Nataraju A. B., Vijay T. V. and Laxmiprasad A. S., “Design and Simulation of QPSK Modulator for Optic Inter Satellite Communication”, International Journal of Scientific and Technology Research Vol.3, No. 8, 2014.
23. Prithvi Shekar Pagala, et al., “Modular Robot Systems towards the Execution of Cooperative Tasks”, Robotics and Autonomous Systems, Vol. 66, pp 159–174, 2015.
24. Nataraju A. B., Maheshappa H. D. and Shilpashree B. R., “Implementation and Performance Analysis of DCWA MAC Protocol for Multihop Wireless Networks”, International Journal of Science and Applied Information Technology (IJSAIT), Vol. 4, No.3, pp.54 – 59, 2015.
25. Nataraju A. B. and Maheshappa H. D., “Survey on Mac Layer Solutions for Scalable Wireless Mesh Networks”, International Journal of Wireless Communications and Networking Technologies (IJWCNT), Vol. 4 , No.4, pp. 68 – 73, 2015.
26. Navyashree S. and Shobha Rani A., “Intelligent Vehicle Monitoring System and Fuel Maintenance using Wireless Communication”, IJSRD - International Journal for Scientific Research and Development, Vol. 3, No. 05, ISSN (online): 2321-0613, 2015.
27. Sujatha B. M., Suresh Babu K., Raja K. B. and Venugopal K. R., “Hybrid Domain based Face Recognition using DWT, FFT and Compressed CLBP”, International Journal of Image processing (IJIP), Vol.9, No. 5, pp.283-303, 2015.
28. Jayalaxmi H. and Ramachandran S., “Design of Sliding Window Based Corner Detection Algorithm and Architecture for Image Mosaicking”, International Journal of Signal Processing, Image Processing and Pattern Recognition, IJSIP, Vol.8, No.3, pp.235-250, 2015.

29. Jayalaxmi H. and Ramachandran S., "Design of Architecture for H.264 Encoder Based Mosaicking System", International Journal of Research in Electronics and Computer Engineering (IJRECE) Vol.3, No. 2, pp.107-109, 2015.
30. Suma C., Raghunath B. H. and Aravind H. S., "Efficient Detection and Tracking of Moving Object in an Image Sequence Inspection", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. II, Special No. XXVII, 2015.
31. Pavan T. V. and Raghunath B. H., "Artery and Vein Classification in Retinal Images by an Automated Graph-based Approach", IJSRD - International Journal for Scientific Research and Development, Vol. 3, No. 2015.
32. Rajeswari and Shashikumar. "A Hybrid Neural Network Model for Active Noise Cancellation using TMS320C6713 DSK", International Journal of Applied Engg. Research, Vol. 10 No. 44, 2015.
33. Sujatha B. M., et al., "Compression based Face Recognition using DWT and SVM", Signal and Image Processing: An International Journal, ISSN: 2229-3922, Vol.7, No.3, pp. 45-62, 2016.
34. Asha C. N. and Basavaraju. T. G., "A Device Pair Classification based Channel Slot Re-Utilization Optimization for Scalability Enhancement in Wireless Mesh Network", International Journal of Computer Science and Telecommunications Vol.7, No. 2, 2016.
35. Sujatha B. M., et al., "SOM based Face Recognition using Steganography and DWT Compression Techniques", International Journal of Computer Science and Information Security, ISSN: 1947-5500, Vol. 14, No. 9, pp. 806- 826, 2016.
36. Sujatha B. M., et al., "Logic-MUX-Multiplier Based Face Recognition using Hybrid Features", IOSR Journal of VLSI and Signal Processing, ISSN: 2319 – 4200, Vol. 6, Issue 6, PP. 48-64, 2016.
37. Shivaraj Kumar Hosur and Raghunath B. H., "Distortion Estimation of A Loudspeaker Using Knock Off Filter", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 2016.
38. Devasis Pradhan and Rabi Narayan Panigrahi, "Robust Digital Invisible Watermarking for Copyright Protection of Image using DCT (Discrete Cosine Transform)",

International Journal of Advances in Science, Engineering and Technology(IJASEAT)
Vol.5, No.1 2017.

39. Devasis Pradhan, “Circular Patch with Circular Slit Patch Antenna used for Ultra Wide Band Application”, European Journal of Advance in Engineering and Technology (Submitted with Manuscript No. - EJAET - 17065)
40. Priyanka K. C. and Shailesh M. L, “Decisive Analysis of AMBA AHB-APB Bridge”, Imperial Journal of Interdisciplinary Research (IJIR) Vol.3, No.-3, 2017.
41. Shailesh M. L., Anand Jatti, Sunitha N. S. and Priyanka K. C., “Comparative Analysis of SNR Improvement for Evoked Potential Estimation Using Different Wavelet Transforms”, Imperial Journal of Interdisciplinary Research (IJIR)Vol-3, No.-3, 2017.

International Conferences

1. Rajeswari, N.N.S.S.R.K Prasad and Satyanarayana. V., “A Comparison of Multiclass SVM and HMM Classifier for Wavelet Front End Robust Automatic Speech Recognition”, IEEE explorer, (ICCCNT)DOI:10.1109/ICCCNT.2013.6726821, Print ISBN: 978-1-4799-3925-1, 2013.
2. Rajeswari, N.N.S.S.R.K Prasad and Satyanarayana. V, “A Noise Robust Speech Recognition System using Wavelet Front End and Support Vector Machines”, ERCICA-13, Elseivier Book series, Vol.1, Bangalore, pp.307-312, ISBN-9789351071020 Elseivier, India, 2013.
3. Sujatha B. M. and Swetha J., “A Hybrid Compression scheme for Ultrasound Image using JPEG and Quad tree”, International conference on Communication and Signal processing (ICCNASP-13), VIT, Vellore , VIT, Vellore, India, 2013.
4. Jayalaxmi H. and Ramachandran. S., “Automatic Image Mosaicing using Bicubic Interpolation”, International Conference on Signal Processing and VLSI design, SIT, India, 2013.
5. Prithvi Shekar Pagala, Suarez-Ruiz F., and Ferre M., “Energy Consumption Perspective of Bilateral Control Architectures”, EUROCON IEEE, pp. 1468–1473-978-1-4673-2230-0, Coratia, 2013.

6. Tejaswini H. and Shailesh M. L., “Improving Colour Image Steganographic Capacity based on Modified Quantization Table”, International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA – 13) Elsevier, India, 2013.
7. Del Sol E., Prithvi Shekar Pagala, King R., et al., “External Force Estimation for Telerobotics without Force Sensor Robot”, First Iberian Robotics Conference, Springer, 2014, pp. 631–644/978-3-319-03652-6, Spain, 2013.
8. Divya B. S., Nanjundaswamy H. R. and Muniraj N. J. R., “A Survey on Segmentation of Digital Images”, 2nd International Conference on Advances in Communication and Computing (ICACC 2013) Thejasa Shakthi Institute of Technology for Women, Coimbatore, 2013.
9. Jayalaxmi H. and Ramachandran S., “Novel Algorithm for Image Mosaicking using Feature Detection”, ACEEE, DOI: 03.AETS.2014.5.366, Proc. of Int. Conf. on Recent Trends in Signal Processing, Image Processing and VLSI, ICrtSIV, ICCIMA, vol. 2, pp.169-173 ACEEE, DOI: 03.AETS.2014.5.366, India, 2014.
10. Prithvi Shekar Pagala, Ferre M., and Armada M., “Design of Modular Robot System for Maintenance Tasks in Hazardous Facilities and Environments”, ROBOT2013: First Iberian Robotics Conference, Springer, pp. 185–197/978-3-319-03652-6, Spain, 2014.
11. Parasuraman R., Prithvi Shekar Pagala., Kershaw K., et al., “Model Based On-line Energy Prediction System for Semi-autonomous Mobile Robots”, 5th International Conference on Intelligent Systems, Modelling and Simulation (ISMS), Langkawi, Malaysia, 2014.
12. Lakshmikanth S., Natraj K. R., and Rekha K. R., “Performance Analysis of Industrial Noise Cancellation with PSO based Wiener Filter Using Adaptive LMS and NLMS”, IEEE international conference on communication and signal processing 978-1-4799-3357-0, 2014.
13. Manjunath R. C. and Sheela S., “An Efficient Approach to detect Clone Attacks in WSNs using Random Walk Protocol”, Emerging Research in Electronics, Computer Science and Technology, Volume 248, pp 285-293, DOI:10.1007/978-81-322-11570_30, 2014.

14. Geetha C. R., Basavaraju H., Manjunatha R. C., Latha C. P. and Giriprakash H. D., "Efficient Algorithm for Image Compression Using DWT Techniques", Emerging Research in Electronics, Computer Science and Technology Volume 248, pp 367-380 DOI: 10.1007/978-81-322-1157-0_37, 2014.
15. Jagannatha K. B., Lakshmisagar H. S. and Bhaskar G. R., "FPGA and ASIC Implementation of 16-Bit Vedic Multiplier using Urdhva Triyakbyam Sutra", Emerging Research in Electronics, Computer Science and Technology Vol. 248, pp 367-380, DOI: 10.1007/978-81-322-1157-0_5, 2014.
16. Ranganath H. R., Asha C. N. and Basavaraju T. G., "A review of scalable Routing Protocols for wireless Mesh Networks", International Conference on Networking, Information and Communications-2014 (ICNIC 2014), SVCE, Bangalore, pp.412-416 Elsevier, India, 2014.
17. Nataraju A. B., Maheshappa H. D. and Shilpashree B. R., "Implementation and Performance Analysis of DCWA MAC Protocol for Multi hop Wireless Networks", 2nd International Conference on Computing, Engineering and Technologies (ICCET 2015) ISBN : 978-93-5212-592-0, 2015.
18. Vinesh C. H. and Sujatha B. M., "Smart Third Umpire Decision Assisting system using PLC", International conference on Emerging trends in Engineering and Technology ISBN: 9788192958056, 2015.
19. Nataraju A. B., Maheshappa H. D. and Amar Devkotte, "Performance Analysis of HWMP Protocol for Wireless Mesh Networks Using NS3", IEEE TENCON 2016 — Technologies for Smart Nation, held at Singapore. pp.1593-1598, ISBN: 978-1-5090-2597-8, 2016.
20. Asha C. N. and Basavaraju T. G., "A Cross Layer Based Scalable Channel Slot Re-Utilization Technique for Wireless Mesh Network", The Second International Conference on Computer Science, Engineering and Information Technology (CSITY 2016) Chennai, India, ISBN : 978-1-921987-49-6, April 02-03, 2016.
21. Sujatha B. M., Venukumar B. V., Chetan Tippanna Madiwalar, Abidali Munna N. C., Suresh Babu K., Raja K. B. and Venugopal K. R., "Translation based Face Recognition using Fusion of LL and SV Coefficients", Twelfth International Multi-Conference on Information Processing-2016 (IMCIP-2016) doi: 10.1016/j.procs.2016.

22. Jayalaxmi H. and Ramachandran S., “VLSI Architecture for Color Mosaic Image / Video Sequences”, IEEE International Conference on Inventive Computation Technologies (ICICT 2016), RVS Technical Campus, Coimbatore IEEE, RVS Technical campus, 2016.
23. Sapna Kumari C. and Prasad K. V., “FPGA Implementation of AES algorithm for Image, Audio and Video Signal”, International Conference on Intelligent Computing and Applications (ICICA 2016) DY Patil College of Engg, Pune. Springer, 2016.
24. Priyanka K. C., “Decisive Analysis of AMBA AHB-APB Bridge International Conference on Current Trends in Engineering, Science and Technology, Ku Home Kasetsart University, Bangkok, 2016.
25. Devasis Pradhan, “Robust Digital Invisible Watermarking for Copyright Protection of Image Using DCT (Discrete Cosine Transform) ICETEST – 2017, ISBN: 978-81-932966-3-9, SUV College of Engineering, Tirupati, Andhra Pradesh, 2017.
26. Devasis Pradhan, “Implementation of Invisible Digital Watermarking Technique for Copyright Protection using DWT-SVD and DCT”, International Conference on Wearable Technologies-2017, Paper ID:ICOWT_40321) Dayananda Sagar University, School of Engineering, Bangalore, 2017.
27. Priyanka K. C., “Comparative Analysis of SNR Improvement for Evoked Potential Estimation Using Different Wavelet Transforms”, International Conference on Current Trends in Engineering, Science and Technology Ku Home Kasetsart University, Bangkok, 2017.

National Conferences

1. Sujatha B. M. and Chandranayak, “Analysis of Hybrid DWT-DCT Algorithm for Medical Image Compression: A review”, National Conference on Technological advances in Electronic Systems Design(NCTAESD-14), Vemana Institute of Technology, Bangalore, India, 2014.
2. Suma C., Raghunath B. H. and Aravind H. S., “Efficient Detection and Tracking of Moving Object in Image Sequence Inspection”, DSCE NCEVENT’15 India, 2015.

Books authored/Edited/Chapter Contribution

1. Rajeswari, N.N.S.S.R.K Prasad and Satyanarayana V. A Noise Robust Speech Recognition System using Wavelet Front End and Support Vector Machines ERCICA-13, Elsevier Book, 2013.

Department of Electrical and Electronics Engineering

International Journals

1. Nandini B. R., Prakash R. and Lekshmi M., “Analysis of Importance Sampling and Contingency in Electric Power System Security”, IJARSE, Vol. No.2, Issue No.6, ISSN-2319-8354(E), (Impact factor: 1.142), 2013.
2. Jyothi B., Lakshmikanth Reddy and Lekshmi M., “An Effective HSA Approach for Optimal Placement of SVC”, IJARSE, Vol. No.2, Issue No.7, ISSN-2319-8354(E), , (Impact factor: 1.142), 2013.
3. Sreedevi Sreekumaran, Lekshmi M. and Nagesh H., “Power System Security Assessment and Contingency Analysis using Supervised Learning Approach”, IJAERD Vol. 1, Issue 1, e-ISSN(O): 2348-4470, (Impact factor: 1.142), 2013.
4. Radhika Priyadarshini and Lekshmi M., “Dynamic Performance of Three-Phase Induction Motor”, IJERT, Vol. 2 Issue 4, ,ISSN: 2278-0181, (Impact Factor1.76), 2013.
5. Ramesh E., Prakash R., Lekshmi M., and Yogeesh S., “Case Study On Fuzzy Logic Based Network Contingency Ranking” IJERT, Vol. 2 Issue 7, ISSN: 2278-0181,– (Impact factor-1.76), 2013.
6. Dayananda L. N., et.al., “Voltage Source Converter based HVDC transmission”, International Journal of Engineering Science and Technology, Vol. 1, Issue ,1 2013.
7. Shivakumara Aradhya R. S., et.al., “Dynamic Compensation Studies using RTDS for Large Wind Farm Integration with Grid”, The Journal of CPRI, ISSN 0973-0338, Vol. No.9, Issue No. 1, 2013.
8. Shivakumara Aradhya R. S., et.al., “Investigation on Flashover Performance of 25KV Traction System Section Insulator Assembly in DMRCL System”, The Journal of CPRI, ISSN 0973-0338, Vol. 9, Issue No.2, 2013.

9. Anzum, et.al., "Performance Analysis of D Fig Based Wind Farm in Weak Distribution System", International Journal of Advance Research in Science & Engineering, Vol.2, Issue 06, pp.103-111, 2013.
10. Lekshmi M. and Nagaraj M. S., "Online Static Security Assessment Module using Artificial Neural Network on IEEE 30 Bus Test System", IJCSMC, Vol.3, pp.20-29, ISSN2320-088X, (Impact factor: 2.14), 2014.
11. Lekshmi M., Nagaraj M. S., Sowmya., "Development of an Online Static Power System Security Assessment Module Using Artificial Neural Networks in 118- Bus Test System", IJMCS, Vol. 2, Issue 6, ISSN: 2320-7868 (Online), 2014.
12. Shivakumara Swamy R., et.al., "AC Metallized Polypropylene Film Capacitors (MKP) Dependent Values With Equivalent Circuit", IJERT, Vol. 3, Issue. 04, 2014.
13. Shivakumara Swamy R., et.al., "VANET used in Image Processing for Efficient Detection and Recognition of Objects", IJERT, Vol. 3, Issue. 03, 2014.
14. Shivakumara Swamy R., et.al., "Metallized Polypropylene Film Capacitors (MKP) Dependent Values With Equivalent Circuit, Vol.3, Issue.5, 2014.
15. Sunitha N. S., et.al., "Renewable Energy Source Based DC Link VSI for Power Quality Improvement using DSTATCOM", IJAET, Vol. 7, Issue 4, 2014.
16. Kusumadevi G. H., et.al., "Optimal Location of Multi Type Facts Devices for Single Contingency Analysis using Genetic Algorithm", IJST, Vol.II, Issue VII, 2014.
17. Kusumadevi G. H., et.al., "Simulation Analysis of Surge Behavior of Power Transformer Model Winding Represented by Large Number of Sections", IEEE-CEIDP, pp.534-537, 2014.
18. Chandrashekhar A Badachi., et.al., "Need for Reliability Assessment of Special Protection System", International Journal of Electrical Engineering, ISSN 0974-2158 Vol. 7, , pp. 279-286, 2014.

19. Harshavardhan Vijay Kulkarni, et.al., “Modeling and Simulation of Voltage Source Inverter based on Space Vector Modulation Technique for Grid Connection”, International Journal of Multidisciplinary Research and Advances in Engineering IJMRAE, Vol.6 & No. II, pp. 201-212, 2014.
20. Sunitha N. S., et.al., “Hydrophobicity Behavior of Polymeric Insulators”, IJERMT, Vol.4, Issue 1, 2015.
21. Chandrashekhar A Badachi., et.al., “Analytical Model to Predict the Pollution Flashover Voltages of Porcelain Disc Insulators”, Acta Electro Technica Et Informatica Vol. 15, No. 1, DOI: 10.15546/aei-2015-0007, 42-49, 2015.
22. Swetha G., et.al., “Power Loss Estimation in Distribution Network with Distributed Generation Using Second Order Power Flow Sensitivity Method”, IRJET, Vol.2, Issue 2, 2015.
23. Kusumadevi G. H. and Gurumurthy G. R., “Fault Diagnostics in Power Transformer Model Winding for Different Alpha Values”, Journal of Electrical Systems and Information Technology, pp.172–177, 2015.
24. Lekshmi M. and Swaroop N. S., “Contingency Analysis and Ranking on 400 kV Karnataka Network by using MiPower”, IRJET, Vol.3, Issue. 9, ISSN (2395-0056) (Impact factor: 3.935), 2016.
25. Shreyas Karnick and Shivakumara Aradhya R. S., “Data Mining Applied to Customer Categorization based on Load profiling” , International Journal of Research in Advent Technology, Vol.4, No.5, Online Publication, 2016.
26. Shivakumara Swamy R., Praksah R. and Ravi K. N., “Study on Polypropylene AC Capacitors and its Time Dependence of Loss Tangent”, IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Vol. 11, Issue. 5 Ver. II, PP 156-162, 2016.
27. Aruna M., Ravi K. N. and Vasudev N., “ Decomposition Kinetics in Solid Insulation of Transformer”, IRACST - International Journal of Advanced Computing, Engineering and Application (IJACEA), ISSN: 2319-281X, Vol.5, No.5, 2016.

International Conferences

1. Muniravindraiah G., et.al., “Network Real Power Tracing without Losses”, 5th International conference on Computer Applications in Electrical Engineering (CERA-13), IIT, Roorkee, 2013.
2. Harshavardhan V Kulkarni, et.al., “Modeling and Simulation of Two Level VSI based on SVPWM Techniques for Grid Connection”, International Conference on Power Electronics & Drives (ICPEDS Nitte 2014, , NMAM Institute of Technology, Nitte, Karkala, 2014.
3. Kusumadevi G. H., et.al., “Simulation Analysis of Surge Behavior of Power Transformer Model Winding Represented by Large Number of Sections”, Nano dielectrics at 2014 IEEE conference on Electrical Insulation & Dielectric phenomena, , Des Moines, Iowa, USA, 2014.
4. Radhika Priyadarshini and Prakash R., “Joint Optimization for Capacitor Placement and Network Reconfiguration for Loss Reduction in Distribution System”, IEEE, PEDES, IIT BOMBAY, 2014.
5. Aruna M., et.al., “Estimation of life of transformer uses Arrhenius’s law and Activation Energy”, International Conference on High Voltage Engineering & Technology ICHVET- 2015 ,organized by CPRI, Hyderabad, 2015.
6. Sunitha N.S., Ravi. K. N., Prakash R. and Pushpanjali, “A Study on Leakage Current Characteristics of Polymeric Insulators for Different Pollution Layers”, International Conference on Power and Advanced Control Engineering (ICPACE), Bangalore, 2015.
7. Radhika Priyadarshini and Prakash R., “Network Reconfiguration using CSA”, IEEE, INDICON, Jamia Millila Islamia, New Delhi, 2015.
8. Shivakumara Aradhya R. S., et.al., “Electro-Thermal Modeling to Determine the Critical Leakage Current for ZnO Polymer Surge Arrester”. The 19th International Symposium on High voltage Engineering, Pilsen, Czech Republic, 2015.

9. Rekha C. M., , et.al., “Optimal Allocation of Distributed Generators for Minimizing Energy Losses and Maximizing Economic Benefits Considering Cost of Energy”, ITACT -15, Acharya Institute of Technology, Bangalore, 2015.
10. Anzum and Radhika Priyadarshini, “Stability Enhancement of DFIG based Wind Farm connected to a Grid using STATCOM, 12th IEEE INDICAN 2015, New Delhi, India, 2015.
11. Devendra Gowda and Anandraj, “Modeling of Partial Discharge (PD) for Solid Insulation with Void and Building a Hardware Setup to Measure Partial Discharge”, Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy (PESTSE), 2016.
12. Lekshmi M., et.al., “Online Static Security Assessment Module Using Radial Basis Neural Network Trained with Particle Swarm Optimization”, 2nd International Conference on Intelligent and Efficient Electrical Systems(ICIEES-17), PSG College of technology, Coimbatore, 2017.
13. Sunil Kumar A.V. and Shreyas Karnick, “A Study on Influence of Ambient Temperature on Load Forecasting using R-Tool”, 4th International Conference on Current Trends in Engineering, Science & Technology, Kasetsart University, Bangkok, Thailand, 2017.
14. Rekha C. M., et.al., “Cuckoo Search Algorithm Based Multiple DG Placement and Voltage Profile Improvement in a Radial Distribution System”, IEEE International Conference on Electrical, Computer and communication Technologies, SVS college of Engineering, Coimbatore, 2017.
15. Sunitha N. S., et.al., “UPQC in Alleviation of PQ issues with Islanding and Reconnection for Micro Grid Application”, International Conference on Current trends in Engineering, Science & Technology, Kasetsart University, Bangkok, Thailand, 2017.
16. Shivkumar Swamy, et.al., “Study in Metalized Polypropylene Capacitor and its Change in Dielectric Loss due to its Effect of End Connection Quality”, 4th International Conference on Current Trends in Engineering, Science & Technology, DBIT, Bangalore, 2017.

17. Radhika Priyadarshini., et.al., “Optimal Sizing and Placement of Shunt Capacitor in Radial Distribution System Cuckoo Search Algorithm”, 4th International Conference on Current Trends in Engineering, Science & Technology, DBIT, Bangalore, 2017.
18. Swetha K. and Lekshmi M., “Voltage Profile Improvement of Grid Integrated Wind Generator with SVC”, 5th ICCT, Madha Engineering College, Chennai, 2017.

National Conferences

1. Chandrashekar A Badachi, et.al., “MatLab based Optimization of Ayrtons Arc Constants”, National Conference on Zen & Tao in Electrical Engineering, , MSRIT, Bangalore, 2014.
2. Sunil Kumar A.V., et.al., “Experimental & Simulation Study of Hybrid battery & Microcontroller based Distributed Generating Stations”, National Conference on Advances in Electrical Engineering(NCAEE-15, NMAMIT, Karkala, Udupi, 2015.
3. Sunil Kumar A.V., et.al., “Feasibility Evaluation of Short time Generation Re-scheduling Considering Power System Uncertainties & Generator Ramp Constraints” National Conference on Advancements in Science Engineering & Technology, RRIT, Bangalore, 2016.
4. Shivakumara Swamy, et.al., “Review of Islanding Detection methods for Synchronous Machine based Distribution Generator”, National Conference on Advancements in Science Engineering & Technology, RRIT, Bangalore, 2016.
5. Shivakumara Aradhya R. S., et.al., “Behavior of Polymeric Housed Metal Oxide Surge Arrester Under Pollution”, National Conference on Recent Trends in Electrical, Electronics, Computing and Information Technology (NCRTEECIT -16), Jain University, Bangalore, 2016.
6. Aruna M. et.al., “The Deterioration Reaction Rate in Transformer Solid Insulation using XRD Analysis Techniques”, 2nd National conference on High Voltage Engineering and Technology (NCHVET 2017) 2017.

7. Bindu R. and Kusuma Devi G. H., “Reactive Power Control and Harmonic Stability Analysis in a Microgrid Connected to Photovoltaic Generators”, NCRSEM, PESITM, 2017.

Department of Information Science and Engineering

International Journals

1. Manjunath T. N., “A Survey on Data Mining Application for Sericulture Domain”, International Journal of Research in Computer Science and Information Technology (IJRCSIT), International Journal, ISSN : 2319-5010, Vol. 2, No 1, (Impact Factor: 0.22), 2013.
2. Manjunath T. N., “Column Segregation for Data Security”, International Journal of Research in Computer Science and Information Technology (IJRCSIT), International Journal, ISSN : 2319-5010 , Vol. 2, No 1, (Impact Factor: 0.5), 2013.
3. Manjunath T. N., “Data Management using Ring-based Index for Wireless Sensor Networks”, International Journal of Computer Applications (IJCA), International Journal, ISSN (0975 – 8887), Vol. 83 – No.16, (Impact Factor: 0.835), 2013.
4. Manjunath T. N., “An Affective Index Based Topology for Wireless Sensor Networks Application”, International Journal of Research in Computer Science and Information Technology (IJRCSIT), International Journal, ISSN: 2319-5010, Vol.2, No 1, (Impact Factor: 0.4) 2013.
5. Sudarsanan D., “A study on Routing Attacks and Key solutions in MANETS”, International Journal of Mobile and Adhoc Network (IJMAN), International Journal, ISSN (Online) 2231:6825 ISSN (Print) 2249–202X, Vol. 3, No 4, (Impact Factor: 3.56), 2013.
6. Sudarsanan D., “A study on Wireless Mesh Network with Hierarchical Cluster”, Global Journal of Engineering , Design & Technology, International Journal, ISSN: (Online)2319-7293, Vol. 2(4) 45-50, (ICV: 2.5), 2013.
7. Umapathi G. R., “Study on Resource Allocation in Wireless Mesh Network”, International Journal of Emerging Technology and Advanced Engineering, International Journal, ISSN: 2250-2459, ISO 9001:2008 Certified Journal, Vol. 4, No 1,(Impact Factor: 2.324), 2013.
8. Tanuja K. and Usha Kumari, “A Comparison of Various Edge Detection Techniques for Kannada Text Image Document”, International Journal of Engineering Research & Technology (IJERT), International Journal, ISSN: 2278-0181, Vol. 2 No 10, (Impact Factor: 0.814), 2013.

9. Tanuja K. and Usha Kumari, “Kannada Text Image Matching (KTIM) Algorithm”, International Journal of Engineering Research & Technology (IJERT), International Journal, ISSN: 2278-0181, Vol. 2 No 11, (Impact Factor: 0.814), 2013.
10. Prathibhavani P. M., “A Review on Cross Layer Routing Techniques”, International Journal of Scientific and Research Publications (ISRP), International Journal, ISSN 2250-3153, Vol. 3, No 9, (Impact Factor: 1.6825), 2013.
11. Prathibhavani P. M., Sandeep Bhandari, Karthik C., Roshan S. and Thilak N., “Characteristic Conscious Partial Data Aggregation Using Dynamic Routing In WSN Character conscious partial data algorithm in WSN”, ANUSANDHANA - Journal of Science, Engineering and Management, International Journal, ISSN: 2231-4032, Vol.02, No-02, (Impact Factor: 0.75), 2013.
12. Prathibhavani P. M. and Nagadev Amruthnath, “Data Security in WSN with multipath randomized dispersive router”, International Journal of Scientific and Research Publications (IJSER), International Journal, ISSN 2229-5518, Vol.4, No 12,(Impact Factor: 3.2), 2013.
13. Chandrakala, “A Kannada Document Image Retrieval System based on Correlation Method”, International Journal of Computer Applications, International Journal, ISSN:(0975 – 8887) , Vol.77– No.3, (Impact Factor: 0.821), 2013..
14. Mamatha G., Premasudha B. G., “Deployment Techniques of Nodes in WSN for Multi-Domain Applications A Survey on their performance analysis” , International Journal of Advanced Computer Research – IJACR, ISSN: 2277-7970 [Online], 2249-7277[print], Vol .3, Issue 4, 2013.
15. Suresh Babu G. N. K. and Srivatsa S. K., “Security and Privacy Issues in Cloud Computing”, International Journal of Engineering, Business and Enterprise Applications Vol. 9, No.2, pp. 145-149, 2014.
16. Suresh Babu G. N. K. and Srivatsa S. K., “A Review of Load Balancing Algorithms for Cloud Computing”, International Journal of Engineering and Computer Sciences, Vol. 3, No.9, pp. 8297-8302, 2014.
17. Umapathi G. R., “Optimal Resource Allocation in Wireless Mesh Network”, International Journal of Computer Science and Information Technologies, International Journal, ISSN: 0975-9646, Vol. 5 (5) , 6022-6026, (ICV: 5) 2014.

18. Umapathi G. R., "Implementation of Optimization of Latency in Wireless Mesh Network", International Journal of Computer Science and Information Technologies, International Journal, ISSN: 0975-9646, Vol. 5 (5) , 6010-6015, ICV: 5), 2014.
19. Umapathi G. R., "A Comprehensive Study on Channel Assignment in Wireless Mesh Networks", International Journal of Engineering Research and Technology (IJERT), International Journal, ISSN: 2278-0181, Vol. 3 No 1, (Impact Factor: 1.76), 2014.
20. Umapathi G. R., "A Comparative Study on Advances in Leach Routing Protocol for Wireless Sensor Networks: A Survey", International Journal of Advanced Research in Computer and Communication Engineering , International Journal, ISSN (Online) : 2278-1021 ISSN (Print): 2319-5940 , Vol. 3, No 2, (Impact Factor: 1.77), 2014.
21. Kala Visesh, "Centralized Heart Rate Monitoring and Automated Message Alert System using WBAN", International Journal of Scientific and Research Publications, International Journal, ISSN 2250-3153, (Impact Factor: 1.6825), 2014.
22. Gangadharaiah, "Network Centric Warfare: A Survey", International Journal of Computer Networks and Wireless Communications (IJCNCWC), International Journal, ISSN: 2250-3501, Vol.4, No1, (Impact Factor: 0.421), 2014.
23. Gangadharaiah, "Soft Real Time Auction Scheme for Task Allocation in Wireless Sensor Networks", IJRET: International Journal of Research in Engineering and Technology, International Journal, eISSN: 2319-1163 | pISSN: 2321-7308, Vol.: 03 No: 04, (Impact Factor: 1.55), 2014.
24. Amogh P. K., "Survey on Hadoop and Introduction to YARN", International Journal of Emerging Technology and Advanced Engineering, International Journal, ISSN 2250-2459 , ISO 9001:2008 Certified Journal, Vol. 4, No 5, (Impact Factor: 2.324), 2014.
25. Sudarsanan D., "Hierarchical Clustering Approach to Reduce Message Collision in Wireless Mesh Network", International Journal of Mobile & Adhoc Network, International Journal, ISSN (Online):2230:9039 , Vol. 4, No 3, 2014.
26. Sudarsanan D., "HASH Mechanism to Secure the AODV Protocol in MANETs", International journal of Emerging Trends in Science and Technology, International Journal, ISSN (Print):2231:2153, ISSN 2348-9480, Vol. 01, No.05, pp.579-584, (Impact Factor: 1.925), 2014.

27. Mahesh G., “Fuzzy Logic based Call Admission Control for Next Generation Wireless Networks”, International Journal of Advanced Research in Computer and Communication Engineering, International Journal, ISSN (Online): 2278-1021 ISSN (Print) : 2319-5940 ,Vol. 3, No 8, (ICV: 2.08), 2014.
28. Premasudha B. G. and Mamatha G., “A Load Balancing Time Scheduling Algorithm for Sending Data in Wireless Sensor Network”, The Mediterranean Journal of Computers and Network, Volume 10, No. 3, pp. 285-294, ISSN: 1744-2397, July 2014.
29. Umapathi G. R., “Ileach- An Integrated Leach Routing Protocol for Elongating The Network Lifetime for WSN” , International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), International Journal, ISSN 2278-6856 , Vol. 3, No 4, (ICV: 2.524), 2015.
30. Kala Visesh, “A Survey on Architectures, Applications and Issues of Sensor-Cloud”, International Journal of Computer Engineering and Technology (IJCET), International Journal, ISSN 0976-6367(Print), ISSN 0976 - 6375(Online), Vol. 5, No 9,(ICV: 8.5328), 2015.
31. Chayapathi A. R., “Energy Efficient Routing Techniques in Wireless Sensor Network”, International Journal of Scientific Research Engineering & Technology (IJSRET), International Journal, ISSN 2278 – 0882 , Vol. 3, No 8, (Impact Factor: 2.1), 2015.
32. Manjunath T. N., “A Predictive Model Construction for Mulberry Crop Productivity”, ELSEVIER - Procedia Computer Science Journal (Special Issue of ICACTA-2015), ISSN 1877-0509, Vol. 45, pp. 156-165, 2105.
33. Kavitha P., Suresh Babu G. N. K. and Sankar K., “Hinder Blackhat’s Anonymous Threat by identifying user’s Non meticulous Traversal Behavior Patterns”, International Journal of Innovative Science, Engineering & Technology, Vol 2, No.4, pp 1236-1239, April 2015.
34. Mahesh G., “Data Duplication Security with Proof of Ownership in Cloud Storage Platform”, International Journal of Advances in Computer Science and Cloud Computing , International Journal, ISSN 2321-4058 , Vol.3 No-1, 2015.
35. Mahesh G., "A Survey on Data Deduplication in Cloud Storage Environment", International Journal of Scientific Research Engineering and Technology, International Journal, ISSN 2278 - 0882, Vol. 4, No 4, 2015.

36. Sudarsanan D., “A Survey on Opportunistic Channel Scheduling in Cognitive Radio Networks with QoS Guarantees, NCRTS-2015, International Journal, 2015.
37. Srinivas K., “Efficient Keyword Search Techniques over Cloud Data in Cloud Computing”, International Journal of Science and Advanced Technology (IJSAT), International Journal, ISSN 2221-8386, Vol.5, No.7, 2015.
38. Arun K. H., “Data Duplication Security with Proof of Ownership in Cloud Storage Platform”, International Journal of Advances in Computer Science and Cloud Computing, International Journal, ISSN 0975 – 8887, Vol.121 – No.18, 2015.
39. Usha Kumari V., Sushma T. M. and Tanuja K., “Handwritten Hindi Character Recognition System Using Edge detection & Neural Network”, International Journal of Advanced Technology and Engineering Exploration (IJATEE), International Journal, ISSN (Print): 2394-5443 ISSN (Online): 2394-7454, Vol.2, No.6, 2015.
40. Chaitra B., “Reliable Data Tier Architecture for Job Portal using AWS”, International Journal of Computer Science and Information Technologies, International Journal, ISSN 0975 – 9646, Vol. 6 (4) , 4136-4140, 2015.
41. Yogesh N., “A Survey on Hadoop Architecture & its Ecosystem to Process Big Data - Real World Hadoop use Cases”, International Journal of Scientific Research Engineering & Technology (IJSRET), International Journal, ISSN 2278 0882 , Vol.4, No 2, 2015.
42. Prathibha Vani P. M., “Energy Efficient Cross Layer Design Protocols using Distributed Method of Information sharing in Wireless Sensor Networks- A review”, International Journal of Computer Science and Electronics Engineering (IJCSEE), International Journal, 2015.
43. Satish S., “A Survey on Hadoop Map Reduce Framework and the Data Skew Issues”, International Journal of Scientific Research Engineering & Technology (IJSRET), International Journal, 2015.
44. Chayapathi A. R., “Reliable Energy Efficient Routing in Wireless Ad Hoc Network by Considering the Residual Energy and Data Security”, International Journal of Scientific Research Engineering & Technology (IJSRET), International Journal, ISSN 2278 – 0882, Vol.4, No 8,2015.

45. Sushma T. M. Arun K. H. and Tanuja K., “A Survey on VANET Technology”, International Journal of Computer Applications, International Journal, ISSN 0975 – 8887, Vol. 121 – No.18, 2015.
46. Nagraj Naik, “A Hybrid System using Genetic Algorithm for Anomaly Intrusion Detection”, International Journal of Science and Research (IJSR), International Journal, ISSN 0975 – 8887, 2015.
47. Nagraj Naik, “An Entity Recognition Framework for Data Mining Techniques”, International Journal of Computer Science and Information Technology Research, International Journal, ISSN 2348-120X, Vol. 3, Issue 2, pp: (432-435), 2015.
48. Nagraj Naik, “Literature Survey on Data Mining Techniques for Intrusion Detection”, International Journal of Computer Science and Information Technology Research (online) ,International Journal. ISSN 2348-120X, ISSN (Online): 2319-7064, Vol. 3, No-2, pp: (432-435), 2015.
49. Mamatha G. and Premasudha B. G., “Borderline Coverage Analysis of a Wireless Sensor Network under Random Deployment using the Union of Collinear Chords”, International Journal of Information Technology, Communications and Convergence (IJITCC) – Inder science Publication, Vol. 3, No. 2, pp. 105-119, 2015.
50. Chaitra B., “A Neoteric Method for the Classification of Text using SVM Classifier”, International journal of Innovative Research in Computer and Communication Engineering [IJIRCCE], International Journal, ISSN(Online): 2320-9801, ISSN (Print) : 2320-9798, Vol.4,No 6,2016.
51. Sankar K. and Suresh Babu G. N. K., “ Automated Hidden Annotation and Retrieval with Image Aid Hash Coding Technique”, International Journal of Computer Science and Information Security, Vol.14, No.8, pp 432-435, 2016.
52. Suresh Babu G. N. K., and Kumarasamy M., “A Survey on Challenges and Security Aspects of Mobile Cloud Computing”, International Journal of Advanced and Innovative Research, Vol.5, No.5, pp.161-166, 2016.
53. Kumarasamy M. and Suresh Babu G. N. K., “Applications of Big Data in various Domains”, International Journal of Computer Sciences and Engineering, Vol.4, No.5, pp.81-85, 2016.

54. Kavitha P. and Suresh Babu G. N. K., “Enhancement in Web Service Provision using Combination of Collaborative Technique and Association Rule Generation”, International Journal of Innovative Science, Engineering & Technology, Vol.3, No.3, pp.494-487, 2016.
55. Chayapathi A. R., “Malware as a Component in Cybercrime: A Survey”, International Journal of Computer Engineering in Research Trends, Vol. 4, Issue. 5, pp. 176-179, 2017.
56. Prakash B. Metre, “Survey on Current Digital Forensic Practices”, International Journal of Computer Engineering in Research Trends, Vol. 4, Issue. 5, pp. 180-184, 2017.
57. Prakash B. Metre, “Survey on Techniques for Cluster based Communications in WSN”, International Research Journal of Engineering and Technology (IRJET), Vol. 4, Issue. 05, 2017.
58. Srinivas K., “A Survey on Detection of Black hole and Gray hole Attacks in Mobile Ad-hoc Networks”, International Research Journal of Engineering and Technology (IRJET), Vol. 04 Issue. 05, 2017.

International Conferences

1. Prathibavani P. M. and Sudarsanan D., “A Comparative Analysis on cross layer routing”, International Conference on Emerging competitions and information technologies ICECIT-2013, 2013.
2. Chayapathi A. R., “Detection of Driver Exhaustion Using Sensor Network”, International Conference on Emerging Innovative Technologies for a sustainable World (ICEITSW-2013), SIET, Tumkur, 2013.
3. Mamatha G. and Premasudha B. G., “Centralized Grid System for Wireless Sensor Nodes and Algorithm for Information Accuracy”, ERCICA-2013, Elsevier Publication, ISBN 9789351071020, 2013.

4. Manjunath T. N., “Design Methodologies of Transaction-Safe Cluster Allocations in TFAT File System for Embedded Storage Devices”, International Conference, IEEE DOI 10.1109/ICIT.2014.22., 2014.
5. Tanuja K. Sushma T. M. and Usha Kumari, “Handwritten Hindi Character Recognition System Using Edge detection & Neural Network”, 2nd International Conference on ACCE – 2015, Veman Institute of Technology, Bangalore, 2015.
6. Sudarsanan D., “Opportunistic Scheduling and its Impact in Wireless Communications”, ICNIC 2015, Sri Venkateshwara College of Engineering, 2015.
7. Mamatha G. and Premasudha B. G., “Sensor Selection and Scheduling for Tracking a Moving Object in a Wireless Sensor Network using the Markov Additive chain Model”, International Conference On Applied And Theoretical Communication Technology, ICATccT 2015, IEEE publications, BIT, Davanegere, Karnataka, ISBN: 978-1-4673-9222-8, 2015.
8. Suresh Babu G. N. K., “Web Information Retrieval: An Excellent Image Portal with Automated Hidden Tag to Image”, IEEE International Conference on Advances in Computer Applications (2016 IEEE ICACA), Oct.2016, Bharatiyar University, Coimbatore, 2016.
9. Suresh Babu G. N. K., “Implementation of Web Image Search Portal with Automated Concealed Annotation”, IEEE International Conference on Communication and Electronics Systems (2016 IEEE ICCES), PPG Institute of Technology, Coimbatore, Oct.2016.

National Conferences

1. Srinivas K., Karthik and Manjunath T. N., “A View on Data Security System for Cloud on Hadoop Framework”, National Conference On Knowledge, Innovation In Technology and Engineering , Kruti Institute of Technology & Engineering, Raipur - 2015.
2. Tanuja K., “Survey on Vehicular Adhoc Network (VANET)”, 2nd National Conference on Emerging Trends in Science and Technology – 2nd NCEST, Sapthagiri College Of Engineering, Bangalore 2015.

3. Sushma T. M., “Survey on Vehicular Adhoc Network (VANET)”, 2nd National Conference on Emerging Trends in Science and Technology – 2nd NCEST, Veman Institute of technology, Bangalore, 2015.
4. Chaitra B. and Mohammed Asrar Naveed, “Security Issues Associated with Big Data” NCRTS 2015, CEC-2015.
5. Srinivas K. and Supriya J., “A Survey on Service Provider SDN(SP-SDN)”, 2nd National Conference on “Emerging Trends in Science and Technology”, Sapthagiri College Of Engineering, 12th May 2015
6. Srinivas K., “A View on Data Security System for Cloud on Hadoop Framework”, Kruti Institute of Technology & Engineering, Raipur (C.G.), NCKITE-2015.
7. Suresh Babu G. N. K., “Detection of Malicious Packets and Optimizing Error Rate using Artificial Neural Network Algorithm”, National Conference on Ideas for Sustainable India, New Horizon College of Engineering, Bangalore, 2016.

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and
Manufacturing Science and Engineering**

International Journals

1. Jarali C. S., Patil S. F. and Pilli S. C., “Hydro-Thermo-Electric properties of CNT Epoxy Nano Composites with Agglomeration Effects”, Mechanics of Advanced Materials and Structures, 2013.
2. Jarali, C. S., Basavaraddi S. R., Brn Kiefer., Pilli S. C. and Lu Y. C., “Modeling of the Effective Elastic Properties of Multifunctional CNT Nano composites due to Agglomeration of Straight Circular CNT Fibers in a Polymer Matrix”, ASME J. of Applied Mechanics, Accepted for Publication, 2013 (Impact factor: 1.6).
3. Suresha B., Devarajaiah R. M., Pasang T. and Ranganathaiah C., “Investigation of Organo-Modified Montmorillonite Loading Effect on the Abrasion Resistance of Hybrid Composites”, Journal of Materials and Design (ELSEVIER), (Impact factor: 3.997), 2013.
4. Lokesh G. N., etc., “The Effect of Hardness, Tensile and Wear Behavior of Al-4.5wt%Cu Alloy/Fly ash/SiC Metal Matrix Composites”, International Journal of Modern Engineering Research, Vol.3, Issue.1, pp-381-385, 2013.
5. Lokesh G. N., etc., “Characterization of Al-Cu Alloy Reinforced Fly Ash Metal Matrix Composites by Squeeze Casting Method”, International Journal of Engineering Science and Technology, Vol. 5, No. 4, 2013, pp. 71-79.
6. Lokesh G. N., etc., “Production of Al-4.5%Cu Alloy Reinforced Fly Ash and SiC Hybrid MMCs by Direct Squeeze Casting”, International Journal of Engineering and Advanced Technology, Vol.3, No-2, pp.199-203, 2013.
7. Shadakshari R., Vinayak Janiwarad, Annaiah and Mahesha K., “The Effect of Heat Treatment on Microstructure, Mechanical properties and Damping behavior of Hybrid Composite of A356.0”, International Journal of Innovative Research in Science, Engineering and Technology Vol. 2, No. 4, ISSN: 2319-8753 , 2013.

8. Shadakshari R., Mahesha K. and Niranjana H. B., "Carbon Nanotube Reinforced Al Matrix Composites – A Review", International Journal of Innovative Research in Science, Engineering and Technology Vol. 2, Issue 4, ISSN: 2319-8753, 2013.
9. Seetharamaiah R., "Mechanical Properties and Dry Sliding Wear Behavior of A2014 Reinforced with Alumina", International Journal of Innovative Research in Science, Engineering and Technology, IJIRSET, Vol.2, No 4, 2013.
10. Raghavendra S., Lingaraju and Shetty P. B., "Mechanical Properties of Short Banana Fiber Reinforced Natural Rubber Composites", International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) Vol. 6 p 22-28, 2013.
11. Prabhakara S. S. and Raghavendra N. V., "Industrial Cluster and Technological Dynamism: Study of Bangalore Machine Tool Cluster", International Journal of Business and Systems Research (IJBSR, Vol.7, No.2, pp.158-167), 2013.
12. Avinash L., Annaiah M. H., Davis P Skariah, Swetha S. and Harendra Kumar H. V. , "The Effect of Ceramic Reinforcement on the Microstructure, Mechanical properties and Dry Sliding Wear Behavior of Hypo-Eutectic Al-Si-Mg Alloy". IJIRSET-International Journal of Innovative Research in Science, Engineering and Technology Vol. 2, Issue3, ISSN:2319-8753, 2013.
13. Amith D. Gangadhar, Annaiah M. H., Rajiv T. G., Manjunatha B. and Harendra Kumar H. V., "Microstructure, Mechanical properties and Dry sliding Wear behavior of Al-Si-Mg alloy reinforced with Graphite", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 2, Issue 4, 2013.
14. Manjunatha B., Karthik Raj K.V., Annaiah M. H., Davis P Skariah, Harendra Kumar H.V., "Dry sliding wear behavior of heat treated A2014 reinforced with Graphite", International Journal of Innovative Research in Science, Engineering and Technology ,Vol. 2, Issue 5, 2013.
15. Karthik Raj K.V., Manjunatha B., Annaiah M. H., Niranjana Murthy H. R. and Harendra Kumar H. V., "Mechanical Properties and Dry Sliding Wear Behavior Of A2014 Reinforced With Graphite", International Journal of Innovative Research in Science, Engineering and Technology, Vol.2, No 6, 2013.

16. Attel Manjunath and Girish D. V., “Defect Detection in Deep Groove Polymer Ball Bearing Using Vibration Analysis”, International Journal of Recent advances in Mechanical Engineering (IJMECH) Vol.2, No.3, 2013.
17. Tulsidas D., “Improved Fillet Stresses in Steam Turbine Blade”, International Journal of Computer Aided Engineering and Technology, 329-342, Vol.5, Issue No. 4, 2013.
18. Tulsidas D., “Investigation on Three Body Abrasive Wear of Al_2O_3 Filler on CFRP Composites”, International Journal of Advanced Engineering Research & Studies, 83-85, Vol. II & Issue III, 2013.
19. Praveen M. P., “Modal and Static Structural Analysis of Exhaust Collector Box for Compressor test facility”, International Journal Of Innovative Research In Science, Engineering And Technology, Volume 2, No 9, 2013.
20. Praveen M. P., “Development of Methodology to Estimate the Fatigue Life of the Structure”, International Journal Of Innovative Research In Science, Engineering And Technology, Volume 2, No 12, 2013.
21. Praveen M. P., “Framework for Safety Enhancement, Kaizen Implementation for Improvement in Safety Measures at Toyota Weld Shop”, International Journal of Applied Research and Studies, Volume 3, No6, 2014.
22. Jarali C. S., Basavaraddi S. R., Brn Kiefer, Pilli S.C. and Lu Y. C., “Modeling of the Effective Elastic Properties of Multifunctional CNT Nano Composites due to Agglomeration of Straight Circular CNT fibers in a Polymer Matrix”, Journal of Applied Mechanics, DOI: 10.1115/1.4024414, Vol. 81, (Impact factor: 1.6), 2014.
23. Chetan S. Jarali, Somaraddi R. Basavaraddi, and Sharanabasava. C. Pilli, “Modeling the Damping Behavior of Nano composites due to Agglomeration of Carbon Nanotubes in the Polymer Matrix”, Journal of Nano mechanics and Micromechanics, (Impact factor: 1.09), 2014.
24. Mahadevaswamy P. and etc., “Effect of Flap Position on Transverse Vibration of Rectangular Plate with Cutout”, Journal of Engineering Science and Technology, 9(2) 233-246. SCOPUS Indexed, 2014.

25. VasanthKumar R. and Preetham B. M., “Study of Machining on Surface Roughness of Engineering Plastics”, International journal of Engineering Research and technology, Vol.3, pp 1763–1767, 2014.
26. Karunakara S. and Dinesh P., “Wear Properties of Aluminum Hematite Composites”, International Journal of Advanced Materials Science, ISSN 2231-1211, Vol. 5, pp. 29-35, Research India Publications, 2014.
27. Karunakara S. and Dinesh P., “Effect of Compaction Pressure and Sintering Temperature on Mechanical Properties of Powder Metallurgy prepared Al-Hematite Composites”, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 3, No 7, 2014.
28. Adarsh Kulkarni, Nagamadhu M., Anil Pol, and Kivade S. B., “Comparative Evaluation on Properties of Hybrid Kevlar Fibre-Jute Reinforced Epoxy Composites”, Journal of Mechanical Engineering Research and Technology. ISSN 2349-9524, Vol. 2, No 1, pp. 269-275, 2014.
29. Mahadevaswamy P. and Suresh B. S., “Experimental Study on Effect of Vibratory Flap Position on Dynamic Response of Clamped Rectangular Plate with Cut-out” Applied Mechanics and Materials, 592-594, 2036-2040. SCOPUS Indexed, 2014.
30. Lokesh G. N., etc., “The Effect of Hot Rolling on Al-4. 5%Cu Alloy Reinforced Fly Ash Metal Matrix Composite”, International Journal of Composite Materials, Volume 4(1), pp. 21-29, 2014.
31. Shaikh Sadiq Ahamed, Raghavendra Subramanya and Shetty P. B., “Evaluation of Mechanical Properties in Banana Fabric Reinforced Epoxy Composites”. International Journal of Material Sciences and Technology. ISSN 2249-3077 Vol.4, No. 1, pp. 13-22, 2014.
32. Pakirappa H., Mahesha K. and Sachidananda K. B., “Vibration Damping Behavior and Surface Characterization of Magneto-Mechanical Powder Coated AISI304 Stainless Steel”, Surface and Coating Technology (ELSEIVER) in press, 2017.

33. Dhanalakshmi S., Ramadevi P., Raghu Patel G. R., Manikanta M., Kiran K., Jayaraj A., Jason M., Chethan G. R. and Basavaraju B., “Effect of fiber loading and surface modification on tensile behavior of natural area composites”, Ciencia E Technical Vitivinicola, Vol. 29 No. 8, Page no 99 to 144, 2014.
34. Vasanth Kumar R. and Preetham B. M., “Study of Machining on Surface Roughness of Engineering Plastics”, International Journal of Engineering Research and Technology, Vol. 3, Issue 5, pp.1763-1767, 2014.
35. Praveen M. P., “Design and Analysis of Pneumatic Pedal Pusher at Toyota Kirlosokar Motors”, International Journal of Mechanical and Industrial Technology, Vol.2, Issue 1, 2014.
36. Praveen M. P., “Design and Analysis of Metallic Kanban Clip at Toyota Kirlosokar Motors”, International Journal of Mechanical and Industrial Technology, Vol.2, Issue 1, 2014.
37. Praveen M. P., “Design and Fabrication of Multiutility Chair”, International Journal of Engineering Research and Technology, Vol.3, No 7, 2014.
38. Praveen M. P., “Design and Analysis of Manual Movement of Tools Carrier on Frame Structure, International Journal of Engineering Research and Technology, Vol.3, Issue 7, 2014.
39. Praveen M. P., “Design, Synthesis and Development of Adaptable Multi-Postured Chair for ATM Security Personnel”, International Journal of Science and Research, Vol.3, No 7, 2014.
40. Praveen M. P., “Concept Design and Proto Build of Root Parker for Two Wheeler”, International Journal of Innovative Science, Engineering & Technology, Vol.1, No 5, 2014.
41. Harish Kumar N., and Nagamadhu M., “Studies on the Mechanical Properties of Jute Sisal Fabric Composite”, International Journal of Engineering Research & Technology. ISSN 2278-0181, Vol.3, No 19 2015.

42. Nagamadhu M. and Kailash M., “Design and Analysis of Molding System for VAPPD system”, International Journal of Engineering Research & Technology. ISSN 2278-0181, Vol.3, No 19 2015.
43. Jarali C. S., Basavaraddi S. R., Pilli S. C., Raja S. and Karjinni V.V., “Modeling the Hygro-Thermo-Mechanical Agglomeration Relations of Carbon-Epoxy Hybrid Nano composites”, International Journal for Multiscale Computational Engineering, Accepted for Publication, (Impact factor: 1.1), 2015.
44. Mahadevaswamy P. and Suresh B. S., “Influence of Aspect Ratio of Vibratory Flap on Dynamic Response of Clamped Isotropic Rectangular Plate”, International Journal of Structural Stability and Dynamics, 15(4), 2015.
45. Manjunatha B., Nirajan H. B., and Satyanarayana Gundappa Kestur, “The Effect of Mechanical and Thermal Loading on Boron Carbide Particles Reinforced Al-6061 alloy”, Materials Science & Engineering A, Vol.632, 2015.
46. Sreenivas Rao K. V., Usha P., Sanman S. and Anilchoudary R., “Modeling of Interface Heat Flux and Thermal Field of Mold Materials during Gravity Die Casting”, Materials Science Forum, Vol.895, pp. 85-88, 2017.
47. Girisha K. G., Sreenivas Rao K. V., Anil K. C. and Sanman S., “Experimental Investigation on Erosive Wear Plasma Spray Coated Stainless Steel”, IOP Conf. Series: Materials Science and Engineering 191, pp.1-5, 2017.

National Journals

1. Havaladar Raviraj, Pilli S. C. and Putti B. B., “Effects of Magnesium on mechanical properties of human bone”, Journal of Pharmacy and Biological Sciences, Vol. 7(3), pp. 08-14, 2013.
2. Havaladar Raviraj, Pilli S. C. and Putti B. B., “Insights into the Effects of Tensile and Compressive Loadings on Human Femur Bone”, Journal of Advanced Biomedical Research, vol. 101(3), pp. 112-117, 2014.
3. Lokesh G. N., etc., “Tensile and Wear Behavior of Al-4.5%Cu Alloy Reinforced Fly ash/SiC by Stir and Squeeze Casting with Rolled Composites”, International Journal of Mechanical Engineering and Robotics, Vol.2, No-3, pp.10-15, 2014.

International Conferences

1. Lokesh G. N., “Mechanical Properties of Fly ash and SiC Reinforced Al-4.5wt%Cu Alloy Metal Matrix Composites by Direct Squeeze Casting Method”, Proceedings of the International Conference on Emerging Trends in Engineering, Nitte, Udupi, pp128-131, 2013.
2. Raghavendra S. P. and Shetty B., “Mechanical Properties of Short Banana Fiber Reinforced Epoxy Composites”, International Conference on Emerging Trends in Engineering. ICETE 15-16 2013. NMAM Institute of Technology, Nitte, Karnataka
3. Raghavendra S. and Siddesh Naik, Characterization and Mechanical Properties of Epoxy Banana JuteFiber Reinforced Composite Materials, International Conference on Advanced Materials, Manufacturing, Management and Thermal Science (AMMMT-2013), SIT Tumkur , 2013.
4. Raghavendra S., Lingaraju, and Shetty P. B., “Mechanical Behavior of Banana Fiber Reinforced Glass Polymer Composites”, IEEE-International Conference on Research and Development Prospects on Engineering and Technology, EGS Pillay Engg. College, Nagapattinam , ICRDPET2013 2013.
5. Seetharamaiah R., Ravindra A. S., Gopinath S. M. and Manjunatha B., “The Comparative Study of Performance and Emission levels in Blended Simarouba Oil with Diesel”, International Conference on Emerging trends in Engineering & Technology IC (ET), Munnar, Kerala, 2013.
6. Lokesh G. N., “Effect of Hot Rolling on Mechanical Properties of Al-Cu Alloy Reinforced Fly ash/SiC Hybrid Composite”, Proceedings of the International Conference on Emerging Trends in Engineering and Technology, Munnar, Kerala, pp121-124, 2013.
7. Prabhakara S. S. and Raghavendra N. V., “Do Industrial Clusters Foster Technological Capability?: A Comparative Study of Small And Large Scale Firms In Bangalore Machine Tool Cluster”, International Conference on Systems Engineering and Engineering Management, World Congress on Engineering and Computer Science 2013 (WCECS 2013),San Francisco, USA, 23-25, 2013.

8. Mahadevaswamy P., “Experimental Study on Effect of Vibratory Flap Position on Dynamic Response of Clamped Rectangular Plate with Cut-out”, International Mechanical Engineering Congress - 2014 (IMEC-2014), National Institute of Technology, Tiruchirappalli - 620015, Tamil Nadu, India, 2014.
9. Raghavendra S., Shetty P. B. and Siddesh Naik, “Evaluation of Mechanical Properties of Banana fiber Reinforced Polymer Composites”, International conference on mechanical engineering 2014 NITK Mangalore, 2014.
10. Lokesh G. N., “Evaluation of Al-4. 5% Cu Alloy Reinforced Fly Ash and SiC by Stirring and Squeeze Casting with Rolled Composites” Proceedings of the International Conference on Theoretical and Applied Research in Mechanical Engineering organized by Information Technology Society of India, Odisha, pp179-184, 2014.
11. Praveen P., “Evaluating Unsupervised Learning Techniques for Inventory Classification”, Coimbatore Institute of Technology, Tamilnadu, Coimbatore, 2014.
12. Praveen P., “Advance Remote Controlled Coconut Harvetsing Robot”, Coimbatore Institute of Technology, Tamilnadu, Coimbatore, 2014.
13. Suresha B. and Devarajaiah R. M., “Influence of Nano-clay on Mechanical and Abrasive Wear Behaviour of Carbon Fabric Reinforced Epoxy Composites”, International Conference on Advances in Polymeric Materials (APM 2015), organized by CIPET, held at IISc, Bengaluru, 2015.
14. Praveen P., “Simulation of Symmetric and Asymmetric Shape Rolling Processes”, ICESMART 2015, T.John Institute of Technology, Bangalore, 2015.
15. Nagamadhu M., Jayaraj P. and Mohan Kumar G. C., “Evaluation of Free Vibration and Mechanical Properties of Natural Fibre-Reinforced Hybrid (Sisal/jute) Polyvinyl Alcohol Composites”, International conference on polymer science. NITK, Surathakal, 2015.
16. Nagamadhu M., Jayaraj P., Mohan Kumar G. C., “Preparation and Study the Mechanical Properties of Natural Fibre-Reinforced with Hybrid (Sisal-Jute) Polyester Composites”, International conference on polymer science. NITK, Surathakal, 2015.

17. Tulsidas, “Effect of Taper and Twisted Blades in Steam Turbine”, International conference on Science, Technology & Management (ICSTM-2015), YMCA, New Delhi, 2015.
18. Karunakara S., “Compression Strength & Electrical Conductivity of Al-Fe₂O₃ Compositess developed by powder metallurgy techniques”, Engineering Technology and Science (ICETS15), Muthayammal College of Engineering, Nammakal, Tamil Nadu, 2015.
19. Lokesh G. N. and Aruna K., “Effect of Particle Size and Distribution on the Mechanical Properties of Al-Cu Reinforced Fly Ash Composites by Powder Metallurgy”, Engineering Technology and Science (ICETS15), Muthayammal College of Engineering, Nammakal, Tamil Nadu, 2015.
20. Lokesh G. N., “Effect of Hot Rolling on Hardness and Tensile Properties of Squeeze Cast Al-4.5Cu/Fly Ash/SiC Composite”, International Conference on Ceramic & Advanced Materials of Energy and Environment, Christ University, Bengaluru, 2015.
21. Suresha B. and Devarajaiah R. M., “Optimization of Testing Parameters on Two-Body Abrasive Wear Behaviour of Nano-OMMT Filled Carbon-Epoxy Composites Based on the Taguchi Method”, Second Indo-Canadian Symposium on Nano-Science & Technology (ICSNST-2016), organized by NIE, Mysuru, 2016.
22. Prathap and Devarajaiah R. M., “Dynamic Analysis if Vibration Isolation System for Satellite Transportation”, International Conference on Applied Science Engineering and Technology (ICASET-16) organized by Sri Sairam College of Engineering, Bengaluru, 2016.
23. Lokesh G. N., “Effects of Processing Parameters on Microstructure and Mechanical properties of Squeeze cast Al-Cu Hybrid Composite”, Innovative Trends in Mechanical Engineering, Christ University, Bengaluru, 2016.
24. Lokesh G. N., “Mechanical & Dry Sliding Wear Behaviour of Hot Rolled Hybrid Composites Produced by Direct Squeeze Casting Method”, International Conference on Advanced Materials & Applications (ICAMA 2016), BMS College of Engineering, Bangalore, 2016.

25. Karunakara S., “Mechanical and Tribological Characterization of Aluminum Hematite Composites”, International Conference on Advanced Materials & Applications (ICAMA 2016), BMS College of Engineering, Bangalore, 2016.
26. Sanman S. and Sreenivas Rao K. V., “Effect of Angle of Impingement on Air Jet Erosion Wear Behavior of Chill Cast Aluminum – Boron Carbide Composites”, International Conference on Smart Engineering Materials, RV college of Engineering, 2016.
27. Attel Manjunath, “Acoustic Emission Analysis of deep Groove Polyacetal (POM) Ball Bearing”, International Conference on "Advances in Mechanical Sciences, Malnad College of Engineering, 2017.
28. Sanman S., “Experimental Investigation on Erosive Wear Plasma Spray Coated Stainless Steel”, International conference on Mining, material and metallurgical Engineering, Bangkok, 2017.

National Conferences

1. Nagamadhu M., Manoj Kumar C. and Kenneth Rohan Kotian., “Concept of Leaf Sensor” National Conference held at SKIT, Bangalore (RETME-2013).
2. Davis P. Skariah, Benal M. M., “Whisker Studies on Tin Plated Substrates”. National conference on Recent Emerging Trends in Mechanical Engineering (RETME 2013), at Sri Krishna Institute of Technology, Bangalore, 2013.
3. Shashikala A., “Stealth Technology”, Recent and Emerging Trends in Mechanical Engineering, 2013.
4. Vasanthkumar C. S., “Influence of Machining on Surface Roughness of Engineering Plastics”, RETME-2015, Sri Krishna Institute of Technology, 2015.

Books authored/Edited/Chapter Contribution

1. Patil H. G., Pilli S. C. and Patil M. S., Elements of Machine Design, IK International Publishing House, (In press).
2. Balveer Reddy K., Pilli S. C., and Others, CAED Computer Aided Engineering Drawing, CBS Publishers and Distributors, 2nd Edition, 2014.

3. Patil H. G. and Pilli S. C., Design Data Hand Book, IK International Publishing House, 2014.
4. Sadanand S., Nano-Indentation of Brittle Solids, CRC Press, 2014.
5. Shashikala A. and Aravinda T., Product Lifecycle Management, Suggi Publishers, 1st Edition, 2016.
6. Patil H. G. and Pilli S. C., Mechanical Engineering Design, IK International Publishing House, 2016 (In Press).

Department of Mechatronics Engineering

International Journals

1. Dilip R. and Bhagirathi V., “Cell Phone Based Liquid Inventory Management Using Wireless System”, Sciknow Publications Ltd. JMIR 2013, 1(1):1-6 Journal of Mechanics & Industry Research DOI: 10.12966, JMIR Attribution 3.0, 2013.
2. Dilip R. and Bhagirathi V., “Image Processing Techniques for Coin Classification Using LabVIEW”, OJAI 2013, 1(1): 13-17 Open Journal of Artificial Intelligence DOI:10.12966/OJAI, 2013.
3. Chandrashekhar L. and Dilip R., “Maximum Speed Achieved with DSP Algorithm and Application of Unfolding”, International Journal of Management and Technology Research, ISSN: 2277-291X, 2014.
4. Dilip R. and Chandrashekhar L., “Real Time Control System for Industrial Automation”, International Journal of Management and Technology Research, ISSN: 2277-291X, 2014.
5. Bhaskar Raju S. A., Swamy A. R. K. and Ramesh A., “Mechanical and Tribological Behavior Of Aluminum Metal Matrix Composites using Powder Metallurgy Technique— A Review”, ISSN 2278 – 0149 www.ijmerr.com Vol.3, No. 4, IJMERR. All Rights Reserved, 2014
6. Swamy A. R. K., “Tribological Behavior of WC-GR Reinforced Hybrid Composites”, International Journal Of Advanced Technology in Engineering and Science (IJATES), ISSN 2348-7550, 2017.

International Conferences

1. Dilip R. and Bhagirathi V., “Speech Based Computer Interactive System to Monitor Industrial Voltage and Control System”, International Conference On Innovations Instrumentation, Optimization And Signal Processing, Coimbatore, Tamil Nadu, 2013.
2. Dilip R. and Bhagirathi V., “Cell Phone Based Liquid Inventory Management using Wireless System”, International Conference on Innovations Instrumentation, Optimization and Signal Processing, Coimbatore. Tamil Nadu, 2013.

3. Dilip R. and Bhagirathi V., “LAN Based Industrial Automation with GSM Connectivity”, International Conference on Science Engineering and Management, Trichy, Tamil Nadu, 2013.
4. Dilip R. and Bhagirathi V., “Image Processing Techniques for Coin Classification using Labview”, International Conference on Science Engineering and Management, Perambalur, Tamil Nadu, 2013.

National Conferences

1. Bhagirathi V., “Analysis of Optimized Captive Power Production using Virtual Instrumentation”, National Conference in Recent Trends in Communication and Networking, Bangalore, Karnataka, 2013.
2. Dilip R., “Vision through Digitalization”, National Conference in Recent Trends in Communication and Networking, Bangalore Karnataka, 2013.
3. Dilip R. and Chandrashekhar L., “Maximum Speed Achieved with DSP Algorithm and Application of Unfolding”, Techman -13, Acharya Institute of Technology, Bangalore, Karnataka, 2013.
4. Dilip R. and Chandrashekhar L., “Real Time Control System for Industrial Automation”, Techman -13, Acharya Institute of Technology, Bangalore, Karnataka, 2013.

Department of Mining Engineering

International Journals

1. Santhosh R., Manjunath S., Raja S. and Modi Jemish V., “Flexural Behaviour of Composite Ferro Cement Slab”, ISSN 2348 – 1463, IJKLR, Feb, Vol. 1(1), pp.1-5, 2014.
2. Santhosh R., Manjunath S., Raja S. and Modi Jemish V., “Low Cost Deflouridation of Water Using Brick Pieces”, ISSN 6814–4794, ISJSET, 17(5), pp.354-363, 2014.

National Journals

1. Murthy S. N., Raja S., Modi J., Balla Kalyan, and Bharat Kumar A. Y., “Maintenance Engineering”, Mining Engineer’s Journal, August, 15(1), pp.24-28, 2013.
2. Manjunath A., Pual P. S. and Biswajith Paul, “Assessment of Socio-Economic Impacts due to Mine Closure – A Conceptual Model”, Journal of Mines, Metals & Fuels, Vol. 64, No. 8, pp. 341- 347, 2016.
3. Manas Mukhopadhyay and Phalguni Sen , “Circular Failure Analysis for Slopes Made Up of Homogeneous Material – A Review”, Journal of Mines, Metals & Fuels, Vol. 65, No. 1, pp. 1- 5, 2017.

National Conferences

1. Manas Mukhopadhyay and Phalguni Sen, “Locating Critical Slip Surface in Limit Equilibrium Analysis for Homogeneous Slopes- A Simplified Approach, NIT Rourkela, 2016.

Department of Chemistry

International Journals

1. Vishnuvardhan T. K., Kulakrni V. R., Basavaraja C. and Shashidhar N., "Synthesis Characterization and Study of Dielectric Studies of Pani PPy/Y₂O₃ Nano Composites", International Journal of advanced Research in Engineering and Technology Vol.4(6) pp.278-287, ISSN: 0976-648, 2013.
2. Sreekanth B. K., Vishnuvardhan T. K., Gopinath G., Veena Pillai, Mularli Krishna P., Gopal Reddy N. B., Jagan Mohan Reddy and Sridhara V., "Synthesis Characterization, Anti-Microbial and DNA Binding Studies on Mn(II) and Zn(II) Metal Complexes Containing Mixed Ligands", International Journal of chem. Tech Research. Vol. 5 (5), pp.2540-47 2013.
3. Sreekanth B. K., Krishnamurthy G., Bhojya Naik, Gopinath G., Ismail Sheriff M. and Vishnuvardhan T. K., "Synthesis, Characterization, DNA Binding and Cleavage Studies Of Fe(Iii) and Zn(Ii) Complexes Containing Mixed Ligands" International J of Pharma and bio sciences Vol.4(3) 257-265, 2013.
4. Shashidhar, Ramprasad, Basavaraja C., Vishnuvardhan T. K., "Assembly of Gold Nano Particles on ModImpact Factor:ied Glass Silicon Surface", Asian J of chemistry, 25 (2): 1021-1024. (Impact Factor: 0.8), 2013.
5. Shashidhar, Ramprasad, Basavaraja C. and Vishnuvardhan T. K., "Synthesis and Characterization of Conducting Poly-N-isopropylacrylamide-N-vinylcarbazole Polymers", Asian J of Chemistry,25, (1) 405 – 409. (Impact Factor:0.8), 2013.
6. Shashidhar, Ramprasad, Basavaraja C., Vishnuvardhan T. K., "Microscopic Studies of Polyaniline-poly-N-isopropylacrylamide-co-acrylic acid/ Flyash Composites Containing Dodecylbenzene Sulfonic Acid", Asian J of chemistry, 25 (1) pp.271 – 276. (Impact Factor: 0.8), 2013.
7. Satish K., Sumangala Bhat, and Ramya Ramachandran, "Comparative Evaluation of Antimicrobial Activity of Fresh and Dried samples", International Journal of Recent Scientific Research Vol.4, Issue.12, pp.1946-1948, 2013.

8. Ganesh S. D., Vasantakumar K. Pai, Mahadevappa Y. Kariduraganavar, Harish M. N. K., Madhu B. J. and Husnasarvari Maqbool, "Synthesis, Characterization and Dielectric Properties of Sulfonated Poly(1,3,4-oxadiazole-ether) Sulfone Copolymer with Functional Pendant Carboxylic Acid Groups", International Journal of Plast Technology 18(2):192–202, 2014.
9. Sreekanth B. K., Krishnamurthy G., Bhojya Naik, Vishnuvardha T. K., "DNA Binding and Cleavage Studies of Cobalt Complexes Containing Bioactive Mixed Ligands" Trends in Chemical Engineering, 1, (1), 49, (Impact Factor:1.3), 2014.
10. Satish K., Ramya R. and Rajesh Gopinath, "Water Pollution Arising from Laboratory Facilities of Educational Institutions indulging in Hazardous Chemicals", International Journal of Scientific and Engineering Research, Vol. 5, ISSUE. 11, pp.930, 2014.
11. Sreekanth B. K., Krishnamurthy G., Bhojya Naik and Vishnuvardha T. K., "Synthesis, Characterization, DNA Binding And Cleavage Studies of Cu(II) and Ni(II) Complexes Containing Mixed Ligands", IJLTEMAS IV, Issue IV, ISSN 2278 - 2540 (Impact Factor: 4.5), 2014,
12. Chidananda B., Venugopala K. R. Reddy, Harish M. N. K., Pradeep K. M, Mruthyunjayachari C. D., Ganesh S. D., "Synthesis, Characterization, Novel Interaction of DNA, Antioxidant and Antimicrobial Studies of New Water Soluble Metallophthalocyanines Posture Eight Hydroxyphenyl Moiety via 1,3,4-oxadiazole bridge", Journal of Heterocyclic Chemistry, Vol. 52, 1782, (Willey) (Impact factor: 0.787), 2015.
13. Vishnuvardhan T. K., Rajashekhar B., Shashidhar N., Satishkumar K. B., Basavaraja C., Chandrashekhar, "Synthesis, Characterization and Study of Electrical Properties of Polyaniline-NiO Nanocomposites", International Journal of Research in Engineering and Applied Sciences Vol. 5, Issue.7, pp 35-45,(Impact Factor: 1.2) 2015.
14. Alagar R. K., Harish M. N. K., Mruthyunjayachari C. D., Ravikumar T., Bhuneshwar P. and Musthafa O.T., "Effect of Electrochemical Tailoring of Monolayers on Catalytic Redox Entity: An ON-OFF Phenomenon Regulated by Surrounding Medium", The Journal of Physical Chemistry C, 119 (51), 28276- 28284, (American Chemical Society) (Impact Factor: 4.77), 2015

15. Ravikumar T., Bhuneshwar P., Pramod G., Mruthyunjayachari C. D., Harish M. N. K., Ramsundar R. M., Joy P. A. and Musthafa O. T., "Chemically Chargeable Photo Battery", *The Journal of Physical Chemistry C*, 119, 14010-14016, (American Chemical Society) (Impact Factor: 4.77) 2015.
16. Brungesh K. V., Nagabhushan B. M., Ravindra R. S., Harikrishna R., Prashanth P., Nagabhushan P., "Adsorption of Cr(VI) from Aqueous Solution onto a Mesoporous Carbonaceous Material Prepared from Naturally Occurring Pongamia pinnata Seeds" *J Environ Anal Toxicol* 5:6, 2015.
17. Pramod G., Mruthyunjayachari C. D., Ravikumar T., Bhuneshwar P., Alagar R. K., Harish M. N. K. and Musthafa O. T., "Galvanic Cell Type Sensor for Soil Moisture Analysis", *Analytical Chemistry*, 87, 7439-7445, (American Chemical Society) (Impact Factor: 5.636), 2015.
18. Vishnuvardhan T. K., Rajashekhar B., Shashidhar N., Satishkumar K. B., Basavaraja C. and Chandrashekhar, "Synthesis, Characterization and Study of Electrical Properties of Polyaniline-NiO Nanocomposites", *International Journal of Research in Engineering and Applied Sciences* Vol.5, Issue.7, pp.35-45,(Impact Factor: 1.2), 2015.
19. Debdyuti M., Guruprasada G.Y. K., Harish M. N. K., and Sampath S., "Porous, Hyper-Cross-Linked, Three-Dimensional Polymer as Stable, High Rate Capability Electrode for Lithium-Ion Battery", *ACS Applied Materials & Interfaces*, DOI: 10.1021/acsami.6b09575, (American Chemical Society) (Impact Factor: 7.145), 2016.
20. Yongfeng Tong, Tingming Jiang, Azzedine Bendounan, Harish M. N. K., Angelo Giglia, Stefan Kubsky, Faustoto Sirotti, Luca Pasquali, Sampath, Vladimir S., Esauov A., "Case studies on the formation of Chalcogenide Self-Assembled Monolayers on Surfaces and Dissociative Process", *Beilstein Journal of Nanotechnology*, 7, 263-277, (Beilstein-Institut) (Impact Factor: 2.67), 2016.
21. Manu G., Mruthyunjayachari C. D., Ravikumar T., Alagar R. K., Shahid P. S., Pramod G., Harish M. N. K. and Musthafa O.T., "Polarity Governed Selective Amplification of Through-Plane Proton Shuttling in Proton Exchange Membrane Fuel Cell", *Physical Chemistry Chemical Physics*, DOI: 10.1039/C6CP07724B, (Royal Society of Chemistry Publishing) (Impact Factor: 4.449), 2017.

22. Ravikumar T., Alagar R. K., Mruthyunjayachari C. D., Shahid P. S., Pramod G., Harish M. N. K., and Musthafa O.T., "A Proton Exchange Membrane Fuel Cell with a Pt-Free Cathode and a Freely Difusing Electron Acceptor", Chem Electrochem. DOI - 10.1002/celc.201600675 (Wiley Online Library) (Impact Factor: 3.506), 2017.

National Journals

1. Sreekanth B. K., Gopinath S. M., Vishnuvardhan T. K., Veena Pillai, Mularli Krishna P., Gopal Reddy N. B., Jagan Mohan Reddy and Ismail Sharif, "DNA Binding and Antimicrobial Studies on Co(III) and Fe(II) Metal Complexes Containing Mixed ligands", Research Journal of Pharmaceutical, Biological and Chemical Sciences. 4,4, 217-223ISSN no 0975-8585, 2013.
2. Vishnuvardhan T. K., Kularkni V. R. and Basavaraja C., "Frequency Dependent Electrical Properties of PPy-CeO₂ Composites Prepared at Room Temperature", Deccan Journal of Chemistry, Vol.1, Issue.1, 2014.
3. Basavaraja C., Satishkumar K. B. and Vishnuvardhan T. K., "Hony Comb Patterns and DC Conductivity of Cellulose Multiwalled Carbon Nanotube Composite Films" Journal of Metallurgy and Materials Science, Vol.56, No.4, 209-15, 2014.

International Conferences

1. Vishnuvardhan T. K., Rajashekhar B., Satishkumar K. B., "Synthesis Characterization of Pani Graphine Osice Nanocomposites and Study of Electrical Properties", International Conference on Emerging Innovative Technologies for a Sustainable World, SIET, Tumkur, 2013.

National Conferences

1. Satishkumar K. B., Rajashekhar B. and Vishnuvardhan T. K., "Synthesis, Characterization and Study of Electrical Properties of Polyaniline-CuCeO₂ Nanocomposites", National Conference on Recent Advances in Nano Science and Technology, AIT, Bangalore, 2013.
2. Vishnuvardhan T. K. and Sreekanth B., "Synthesis Characterization Anti-microbial and DNA Binding Studies on Mn(II) and Zn(II) Metal Complexes Containing Mixed Ligands", National conference on Frontiers and Challenges in Biological Organometallic Compounds, MSRIT, Bangalore, 2013.

3. Vishnuvardhan T. K., Kukarni V. R., “Synthesis Characterization and Study of Dielectric Properties of Conducting Copolymers of PaniPPy/fullerearth nanocomposites”, National Conference on Recent Advances in Nano Science and Technology, AIT, Bangalore, 2013.
4. Rajashekhar B., Vishnuvardhan T. K. and Satish Kumar K. B., “Synthesis, Characterization and Study of Electrical Properties of Polyaniline-NiO Nanocomposites”, National Conference on Recent Advances in Nano Science and Technology, AIT, Bangalore, 2013.
5. Harish M. N. K., “Microwave Assisted Synthesis of 2,9,16,23-tetra aryl-[1,3,4]-Oxadiazole and Alkyl -[1,3,4]-Oxadiazole Substituted Nickel phthalocyanine”, National Conference on Recent Trends in Chemical Research (NCRTCR 2014) held at Dept. of Chemistry, Sri Jayachamarajendra College of Engineering, 2014.

Department of Mathematics

International Journals

1. Siva Kota Reddy P., Rajanna K. R. and Kavita S Permi, "The Common Minimal Common Neighborhood Dominating Signed Graphs", Transactions on Combinatorics, 2013.
2. Medha Itagi Huilgol, Rajeshwari M. and Syed Asif Ulla S., "Embedding in Distance Degree Regular and Distance Degree Injective Graphs", Malaya Journal of Matematik, 2013.
3. Siva Kota Reddy P., Vijay S. and Kavita S Permi, "Note on Equitable Signed Graphs", Mathematica Aeterna, 2013.
4. Somashekhara G. and Nagaraja H. G., "Weakly Pseudo-Projective Symmetries of (ϵ, δ) -trans-Sasakian manifolds", International Journal of Pure and Applied Mathematics, (Impact Factor: 2.68), 2013.
5. Somashekhara G., Shivaprasanna G. S. and Maralaabhavi Y. B., "Some results on (ϵ, δ) - trans-Sasakian manifolds", Proceedings of Conference on Differential Geometry, 2013.
6. Somashekhara G. and Shivaprasanna G. S., "On k-contact Manifolds and Generalized Sasakian Space-form", Proceedings of Conference on Differential Geometry, 2013.
7. Maralaabhavi Y. B., Shivaprasanna G. S. and Somashekhara G., "On 3-dimensional (ϵ, δ) Trans-Sasakian structure", International Journal of Pure and Applied Mathematics, (Impact Factor: 2.68), 2013.
8. Girish A. and Murali R., "Hamiltonian Laceability in Cyclic Product and Brick Product Of Cycles", International Journal of Graph Theory, 2013.
9. Girisha A. and Murali R., "Hamiltonian Laceability in Some Classes of the Star Graphs", International Journal of Engineering Science and Innovative Technology, (Impact Factor: 1.9) 2013.

10. Girisha A. and Murali R., “Hamiltonian Laceability in Cone Product graphs”, International Journal of Research in Engineering Science & Advanced Technology, (Impact Factor: 1.1) 2013.
11. Reddy P. S. K. and Prashanth B., “Note on Minimal Dominating Signed Graphs”, International Journal of Mathematics and Combinatorics, 2013.
12. Manjunatha S., Gireesha B. J., Eshwarappa K. M. and Bagewadi C. S., “Similarity Solutions for Boundary Layer Flow of a Dusty Fluid through a Porous Medium over a Stretching Surface with Internal Heat Generation/Absorption”, Journal of Porous media, (Impact Factor: 0.53) 2013.
13. Manjunath S., Gireesha B. J. and Bagewadi C. S., “Mixed Convective Flow of a Dusty Fluid over a Vertical Stretching Sheet with Non-Uniform Heat Source/Sink and Radiation”, Journal of Numerical Methods for Heat and Fluid Flow (Emerald), (Impact Factor: 0.191), 2013.
14. Shobhalatha G. and Rami Reddy T., “On Bi Γ - Ideals in Γ - Semi Groups”, International J. of Mathematical sciences & Engineering applications. (IJMSEA), (Impact Factor: 0.37), 2014.
15. Shobhalatha G. and Rami Reddy T., “Fuzzy Weekly Completely Prime Γ - Ideals in Ternary Γ - Semi Groups”, International Journal of Mathematical Archive (IJMA), (Impact Factor: 1.20), 2014.
16. Bhargava S., Vasuki K. R. and Rajanna K. R., “On Certain Identities of Ramanujan for Ratios of Eai-Functions”, Ukrainian Mathematical Journal (Impact Factor: 0.23) , 2014.
17. Rami Reddy T. and Shobhalatha G., “On Fuzzy Interior Γ - Ideals of Γ - Semi Groups” IOSR Journal of Mathematics. (Impact Factor: 1.312) , 2014.
18. Siva Kota Reddy P. and Kavita S Permi, “Signed Graph Equations”, International Mathematical Virtual Institute, 2014.
19. Sandeep Kumar V., Lokesha, Misra U. K. and Nagaraja K. M.,, “Power Type α - Centroidal mean and its Dual”, General Mathematics Notes,(Impact Factor: 0.425) ,2014.

20. Raji J., Anitha R., Niranjana C. M., and Sudheendra S. R., "Mathematical Solutions of Transport of Pollutants through Unsaturated Porous Media with Adsorption in a finite domain", International Journal of Combined Research & Development (IJCRD), 2014.
21. Niranjana C. M., Raji J. and Sudheendra S. R., "Mathematical Modeling of Transport of Pollutants in Unsaturated Porous Media with Radioactive Decay and Comparison with Soil Column Experiment", International Scientific Journal on Science Engineering & Technology, 2014.
22. VijayaJyothi P., Indrani Pramod Kelkar and Maheswari B., "k- Domination Number of Butterfly Graphs", IOSR Journal of Engineering (Impact Factor: 1.645) , 2014.
23. Indrani Pramod Kelkar and Maheswari B., "Total Domination Number of Butterfly Graph", International Journal of Engineering and Management Research, 2014.
24. Shiva Prasanna G. S., Maralaabhavi Y. B. and Somashekhara G., "Weakly quasi-conformally Symmetries of generalized (k, μ) space forms", IOSR Journal of Mathematics, (Impact Factor: 1.32), 2014.
25. Somashekhara G., "Ricci Solutions in 3-dimensional $(\varepsilon - \delta)$ Trans-Sasakian Structure", International Journal of Mathematical Archive (Impact Factor: 4.091) , 2014.
26. Prakasha D. G., Nagaraja H. G. and Somashekhara G., "On $(N(k), \zeta)$ -Semi Riemannian manifolds", Italian Journal of pure and applied Mathematics, 2014.
27. Girisha A., Murali R. and Shanmukha B., "Hamiltonian Laceability in Ring Product and Cyclo Product of graphs", British Journal of Mathematics & Computer Science, 2014.
28. Manjunatha G., Murali R. and Girisha A., "Hamiltonian Laceability in Line Graphs" International Journal of Computer Applications, 2014.
29. Prasshanth B., "Chromatic Number of Antipodal Graph", International Journal of Modern Sciences and Engineering Technology (IJMSET), 2014.

30. Prashanth B., "Chromatic Number of S-Antipodal Graph", International Journal of Modern Sciences and Engineering Technology (IJMSET), 2014.
31. Gireesha B. J., Manjunatha S., Lokesh H. J. and Bagewadi C. S., "Effect of Hall Current on Hydromagnetic Boundary Layer in Rotating Dusty Fluid with Exponential Pressure Gradient", IOSR Journal of Mathematics, 2014.
32. Rami Reddy T. and Shobhalatha G., "On Fuzzy Γ - Ideals of Ternary Γ - Semi Groups", International Journal of Scientific and innovative Mathematical Research (IJSIMR), 2015.
33. Siva Kota Reddy P., Samanta P. N. and Kavita S Permi, "On Signed Graphs Whose Two Path Signed Graphs are Switching Equivalent to Their Jump Signed Graphs", International J. Math. Combin, 2015.
34. Medha Itagi Huilgol, Rajeshwari M., "Non existence of DDI graphs of order 16 with diameter 4, 5, and 6", Journal of Advances and Applications in Discrete Mathematics, 2015.
35. Lokesh V., Kumar S., Misra U. K. and Nagaraja K. M., "Power Type Oscillatory mean and its Dual", Advances in Inequalities and its Applications, 2015.
36. Niranjana C.M., Anitha R. and Sudheendra S. R., "An Analytical Solution of Transport of Pollutants in Unsaturated Porous Media with and Without Adsorption", International Journal of Engineering Research & Technology (IJERT), 2015.
37. Prashanth B., Samanta P. and Vijay S., "Domination Number of Antipodal Graph and Antipodal Middle Graph", International Journal of Modern Science and Engineering Technology, 2015.
38. Khaled A. A. Alloush, Manjunath and Rajanna K. R., "Certain Identities Related To The Rogers-Ramanujan Continued Reactions" South East Asian J. of Math. & Math. Sci., 2016.

39. Khaled A. A. Alloush, Rajanna K. R. and Manjunath M., "Certain New Modular Equations of Mixed Degree in the Theory of Signature 3", Journal of Ramanujan Society of Mathematics and Mathematical Sciences, 2016.
40. Pradeep Kumar, Ramesh S. K. and Madhu T. S., "Projective Equivalence Between Two Families of Finsler metrics", Gulf Journal of Mathematics (GJoM), UAE.2016.
41. Rami Reddy T., Shobhalatha G. and Shashikumar H. C., "On regular Γ - Semi groups satisfying the identity " $a\alpha b\beta c = cab$ " International Journal of Research and Innovation in Applied Science (IJRIAS), (Impact Factor:- nil), 2016.
42. Siva Kota Reddy P. and Kavita S Permi, "Even Vertex Coloring of a Graph", International Journal of Pure and Applied Mathematics, 2016.
43. Sreenivasa Reddy Perla, Padmanabhan S., Lokesh V. and Sandeep Kumar, "Convexity for Ratio of Difference of Some Special means in two variables", Advances in Inequalities and its Applications, 2017.
44. Sreenivasan Ravi and Mandagere Chandrashekhara Manohar, "On tail behaviour of k th upper order statistics under fixed and random sample sizes via tail equivalence", Statistics: A Journal of theory and applications, (Impact Factor: 0.532), 2017.

National Conferences

1. Somashekhar G., "Weakly Pseudo-Projective Symmetries trans- Sasakian manifolds", National Conference on Analysis and Applications of Mathematics, Reva Institute of Technology, Bangalore, 2013.
2. Girisha A., "Hamiltonian Laceability in Brick Product of Cycles", National seminar on Graph Theory and its Applications, St. Aloysius college, Mangalore, 2013.
3. Pradeep Kumar, "A Study of projective flatness in Generalized (α, β) -metric", National Conference on Analysis Geometry and Fluid Mechanics (NCAGAF-2014), Department of P.G. Studies and Research in Mathematics, Kuvempu University, Shimoga, 2014.

4. Niranjana C. M., "Mathematical Modeling of Transport of Pollutants in Unsaturated Porous Media with Radioactive Decay and Comparison with Soil Column Experiment", National Conference on Advances in Geometry and Fluid Mechanics (NCAGAF-2014), Kuvempu University, Shimoga. 2014.
5. Somashekhara G., "Invariant submanifolds of (ϵ, δ) -trans-Sasakian manifolds", National Conference on Emerging Trends in Mathematics, Government Science College, Bangalore, 2014.
6. Girisha A., "Hamiltonian Laceability in Cone Product Graphs", National seminar on Graph Theory and its Applications, St. Aloysius College, Mangalore, 2014.
7. Manjunatha S., "Series Solutions for an Unsteady Flow and Heat Transfer of a Rotating Dusty Fluid with Radiation Effect", National Conference on Analysis Geometry and Fluid Mechanics (NCAGAF-2014), Department of P.G. Studies and Research in Mathematics, Kuvempu University, Shimoga, 2014.
8. Niranjana C. M., "An Analytical Solution of Transport of Pollutants in unsaturated Porous Media with and without Adsorption", National Conference on Applied Science and Humanities (NCASH2015) at KSSEM, Bangalore, 2015
9. Md. Samiul Haque, "Ricci Solutions in (C, ∂) -Trans-sasakian Manifolds", National Conference on Emerging Trends in Applied Sciences, ETAS-17, Rajarajeswari College of Engineering, Bangalore , May 2017.

International Conferences

1. Sandeep Kumar, "Double Inequalities via Newton's and Gauss's Quadrature Formula", 26th International Conference of Jangjeon Mathematical Society, South Korea (GAM-2013) at Acharya Institute of Graduate Studies, Bangalore, 2013.
2. Prashanth B, "Chromatic number of a antipodal graph", International Conference on Emerging Trends in Mathematical Sciences, V S K University, Bellary, Karnataka, 2014.
3. Sandeep Kumar, "Power type α – centroidal mean and its dual ", International Conference on Emerging Trends in Mathematical Sciences, at V S K University, Bellary, Karnataka , 2014.

4. Niranjan C. M., "An Analytical Solution of Transport of Pollutants In unsaturated Porous Media with and without Absorption", International Conference on Engineering, Science, Management and Advances in Research Technology (ICESMART) at TJIT, Bangalore, 2015.

Department of Physics

International Journals

1. Premkumar H. B., Sunitha D. V., Nagabhushanan H., Sharma S. C., Nagabhushana B. M., Shivakumara C., Rao J. L. and Chakradhar R. P. S., "Synthesis, Characterization, Epr, Photo And Thermo Luminescence Properties Of $\text{YAlO}_3:\text{Ni}^{2+}$ Nanophosphors", *Journal Of Luminescence (Elsevier)* 135,105–112. (Impact Factor : 2.37), 2013.
2. Premkumar H. B., Ravikumar B. S, Sunitha D. V., Sharma S. C., Savitha M. B., Mohandas Bhat S., Nagabhushana B. M.and Chakradhar R. P. S., "Investigation of Structural and Luminescence Properties of Ho^{3+} Doped YAlO_3 Nanophosphors Synthesized Through Solution Combustion Route, *Spectrochimica Acta Part A: Mole". Biomole. Spect. (Elsevier)* 115,234 – 243 (Impact Factor: 2.13), 2013.
3. Chandrashekar, Mahesh S. S., Srikantamurthy N., Umesha K. B., Palani K. and Mahendra M., "10-(6-Fluoro-2-Oxo-2h-Chromen-4-Ylmethyl)-2-Trifluoromethyl-10h-Benzo[4,5]Imidazo[1,2-A]Pyrimidin-4-One", *Acta Crystallographica Section E, Acta, Cryst."* E69, O1756, (Impact Factor: 0.62) , 2013.
4. Mahesh S. S., Prashanth K. S., Ananda, Nandaprakash M. B. and Somashekar R., "Micro Structural Parameters of Silver Nano Particles Using Whole Pattern Fitting Technique", *International Journal of Innovative Research in Science and Engineering*,1,2, (Impact Factor: 1.0),2013.
5. Mahesh S. S., Nandaprakash M. B. and Somashekar R., "Stacking Faults And Micro Structural Parameters in Nano Magnesium Oxide (Mgo) Particles Using Whole Pattern Fitting Technique", *World Research Journal Of Applied Physics*, Vol. 4,Issue 1, pp.-54-58, (Impact Factor: 6.84) , 2013.
6. Nagaraju G., Manjunath K., Ravishankar T. N., Ravikumar B. S., Nagabhushan H., Ebeling G. and Dupont J., "Ionic Liquid Assisted Hydrothermal Synthesis of TiO_2 Nanoparticles and its Application in Photocatalysis", *J. Materials Science*, Springer, 48 8420- 8426, 2013
7. Shivaram M., Harikrishna R., Nagabhushana H., Sharma S. C., Nagabhushana B. M., Ravikumar B.S., Dhanajaya N., Shivakumara C., Rao J. L. and Chakradhar R. P. S., "Synthesis, Characterization, Epr And Thermoluminescence Properties Of CaTiO_3 Nanophosphor", *Materials Research Bulletin* 48, pp.1490-1498, 2013.

8. Devaraj P. B., Nagabhushana H., Sharma S. C., Nagabhushana B. M., Nagaswarupa H. P. and Premkumar H. B., “Mgo:Eu³⁺ Red Nanophosphor: Low Temperature Synthesis And Photoluminescence Properties; Spectrochimica Acta Part A: Mole. Biomole”. Spect. (Elsevier) 121 pp.46 – 52,(Impact Factor: 2.13), 2014.
9. Premkumar H. B., Sunitha D. V., Fouran Singh, Nagabhushana H., Sharma S. C., Nagabhushana B. M., Guangjun Zhao, Jianyu Chen and Chakradhar R. P. S., “Heavy Ion Induced Luminescence Studies Of Yalo₃:Tb³⁺, Tm³⁺ Single Crystals; Materials” Research Express (Iop) 1 (015908 +15) 2014
10. Premkumar H. B., Nagabhushana H., Sharma S. C., Nagabhushana B. M., Rao J. L. and Chakradhar R. P. S., “Synthesis, Epr and Luminescent Properties of Yalo₃:Fe³⁺ (0.1–0.9 Mol%) Nanopowders, Spectrochimicaacta Part A: Mole. Biomole. Spect.” (Elsevier) 126 220-226, (Impact Factor: 2.13), 2014.
11. Ramachandra Naik, Prashantha S. C., Nagabhushana H., Sharma S. C., Nagabhushana B. M., Nagaswarupa H. P. and Premkumar H. B., “Low Temperature Synthesis And Photoluminescence Properties Of Red Emitting Mg₂sio₄:Eu³⁺ Nanophosphor for Near Uv Light Emitting Diodes, Sensors And Actuators”, B (Elsevier) 195140– 149, (Impact Factor: 3.84), 2014.
12. Premkumar H. B., Sunitha D. V., Nagabhushana H., Sharma S. C., Daruka Prasad B., Nagabhushana B. M., Shivakumara C., Rao J. L., Gopal N. O., Prabhakara K. R., Shyue-Chu Ke and Chakradhar R. P. S., “Synthesis, Structural and Thermo luminescence Properties of Yalo₃:Dy³⁺ Nano phosphors”, Journal of Alloys and Compounds (Elsevier) 591337-345, (Impact Factor: 2.73) 2014.
13. Premkumar H. B., Nagabhushana H., Sharma S. C., Prashantha S. C., Nagaswarupa H. P., Nagabhushana B. M. and Chakradhar R. P. S., “Structural, Photo And Thermo luminescence Studies Of Eu³⁺ Doped Orthorhombic Yalo₃ Nano phosphors”, Journal Of Alloys And Compounds (Elsevier) 601 (2014) 75-84, (Impact Factor: 2.73), 2014.
14. Premkumar H. B., Nagabhushana H., Sharma S. C., Prashantha S. C., Nagabhushana B. M., Nagaswarupa H. P., Guangjun Zhao, Jianyu Chen, “Dissymmetric Studies of Yalo₃: Mn Co-Doped With Transition (Co, Cu, Fe) and Rare Earth (Yb, Ce) Metal Ions”, Materials Research Express (Iop) 1 025710 2014.

15. Ramachandra Naik, Prashantha S. C., Nagabhushana H., Nagaswarupa H. P., Anantharaju K. S., Sharma S. C., Nagabhushana B. M., Premkumar H. B. and Girish K. M., “ $\text{Mg}_2\text{SiO}_4\text{:Tb}^{3+}$ Nanophosphor: Auto Ignition Route And Near UV Excited Photoluminescence Properties for Welds”, Journal of Alloys and Compounds 617 pp.69-75, (Impact Factor: 2.73) 2014.
16. Chandrashekhar M., Nagabhushana H., Sharma S. C., Sudheer Kumar K. H., Dhananjaya N., Sunitha D. V., Shivakumara C. and Nagabhushana B. M., “Particle Size, Morphology And Color Tunable ZnO:Eu^{3+} Nanophosphors Via Plant Latex Mediated Green Combustion Synthesis”, Journal of Alloys and Compounds (Elsevier) Vol. 584 pp.417–424, (Impact Factor: 2.73) 2014.
17. Lakshmeesha T. R., Satheesh M. K., Daruka Prasad B., Sharma S. C., Kavyashree D., Chandrashekhar M. and Nagabhushana H., “Reactivity of Crystalline ZnO Superstructures Against Fungi and Bacterial Pathogens: Synthesized Using *Nerium Oleander* Leaf Extract”, Cryst. Growth Des. (Rsc.), 14, 4068–4079, (Impact Factor: 5), 2014.
18. Chandrasekhar M., Nagabhushana H., Sudheerkumar K. H., Dhanajaya N., Sharma S. C., Kavyashree D., Shivakumar C. and Nagabhushana B. M., “Comparison of Structural and Luminescence Properties of Dy_2O_3 Nano powders Synthesized by Co-Precipitation and Green Combustion Routes”, Material Research Bulletin (Elsevier) Vol. 55, 237-245, (Impact Factor: 2.2) 2014.
19. Srimani P. K., and Ramesh Hegde, “Texture Analysis of Faces of Twins using Image Processing Techniques”, International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), Vol. 10, Issue. 2, , pp.458-46, (Impact Factor: 1.37) 2014.
20. Srimani P. K. and Ramesh Hegde, “Analysis of Faces of Family Members using Image Processing Techniques”, International Journal of Emerging Technologies In Computational And Applied Sciences (IJETCAS), Vol.8, Issue.2, pp.458-461, (Impact Factor: 1.37) 2014.
21. Srimani P. K. and Ramesh Hegde, “Recognition of Facial Expressions with Respect to Navarasas in Bharathanatyam Styles using Neural Network”, International Journal Of Emerging Technologies In Computational And Applied Sciences (IJETCAS), Vol. 7, Issue. 2, pp 118-121, (Impact Factor: 1.37) 2014.

22. Chandra, Puttaraju, Mahesh S. S., Shivashankar, Lokanath N. N., Mahendra, “Molecular Docking Studies of Benzimidazopyrimidine and Coumarin Substituted Benzimidazopyrimidine Derivatives as Potential Human Aurora A Kinase Inhibitors”, Bio Information, ISSN,10(04) 0973-2063, 2014.
23. Niranjana Prabhu T., Mahesh S. S., Nanda Prakash M. B., Demappa T. and Somashekar R., “Stacking Faults and Micro Structural Parameters in Epoxy – Nylon Fabric – Clay Hybrid Laminates Using X –Ray Whole Powder Pattern Fitting Technique”, International Journal Of Latest Technology In Engineering, Management & Applied Science, ISSN 2278 – 2540, Vol. 3, Issue 4, 275-283, 2014.
24. Ravikumar B. S., Nagabhushana H., Sunitha D. V., Sharma S. C. and Nagabhushana B. M., “Low Temperature Synthesis, Structural and Dissymmetric Characterization of $\text{ZnAl}_2\text{O}_4\text{:Ce}^{3+}$ Nano phosphor; Spectro chimica Acta Part A: Molecular and Biomolecular Spectroscopy”, Elsevier, 122, 489–498, 2014.
25. Ravikumar B. S., Nagabhushana H., Sunitha D. V., Sharma S. C. and Nagabhushana B. M., “Plant Latex Mediated Green Synthesis of $\text{ZnAl}_2\text{O}_4\text{:Dy}^{3+}$ (1–9 Mol%) Nano phosphor for White Light Generation”, Journal of Alloys and Compounds, Elsevier, 585, 561–571, 2014.
26. Girish K. M., Ramachandra Naik, Prashantha S. C., Nagabhushana H., Nagaswarupa H. P., Anantha Raju K. S., Premkumar H. B., Sharma S. C. and Nagabhushana B. M., “ $\text{Zn}_2\text{TiO}_4\text{:Eu}^{3+}$ Nanophosphor: Self Explosive Route and its Near UV Excited Photoluminescence Properties for Welds, Spectrochimica Acta Part A: Mole. Biomole. Spect”, (Elsevier) 138, pp.857-865,(Impact Factor: 2.12), 2015.
27. Ramachandra Naik, Prashantha S. C., Nagabhushana H., Sharma S. C., Nagaswarupa H. P., Anantha Raju K. S., Nagabhushana B. M., Premkumar H. B., Girish K. M., “A Single Phase, Red Emissive $\text{Mg}_2\text{SiO}_4\text{:Sm}^{3+}$ Nanophosphor Prepared Via Rapid Propellant Combustion Route Spectrochimicaacta Part A: Mole. Biomole. Spect.” Vol. 140, 516-523, (Impact Factor: 2.12), 2015.
28. Malleshappa J., Nagabhushana H., Kavyashree D., Prashantha S. C., Sharma S. C., Premkumar H. B., Shivakumara C., “Shape Tailored Green Synthesis of $\text{CeO}_2\text{:Ho}^{3+}$ Nano powders, its Structural, Photoluminescence and Gamma Radiation Sensing Properties”, Spectrochimicaacta Part A: Molecular and Biomolecular Spectroscopy, Vol. 145, , 63-75, (Impact Factor: 2.12), 2015.

29. Prasanna Kumar J. B., Ramgopal G., Vidya Y. S., Anantharaju K. S., Daruka Prasad B., Sharma S. C., Prashantha S. C., Premkumar H. B. and Nagabhushana H., "Bio-Inspired Synthesis Of $Y_2O_3: Eu^{3+}$ Red Nanophosphor for Eco-Friendly Photocatalysis", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Vol. 141, , 149-160, (Impact Factor: 2.12), 2015.
30. Jisha P. K., Ramachandra Naik, Prashantha S. C., Nagabhushana H., Sharma S. C., Nagaswarupa H. P., Anantha Raju K. S., Premkumar H. B. and Daruka Prasad B., "Facile Combustion Synthesized Orthorhombic $Gd_2O_3:Eu^{3+}$ Nano phosphors: Structural and Photo luminescence Properties for Welds", *Journal of Luminescence*, Vol. 163, , 47-54, (Impact Factor: 2.37), 2015.
31. Chandrasekar M., Nagabhushana H., Sharma S. C., Vaidya Y. S., Anantha Raju K. S., Daruka Prasad B., Prashantha S. C., Kavyashree D. and Sadananda Maiya P., "Calotropis Mediated Hydrothermal Route For The Synthesis Of Eu^{3+} Activated $La(OH)_3$ And La_2O_3 Red Phosphors", *Mater. Res. Express* 2 Iop Publishing; Vol. 2 045402 2015.
32. Chandrasekhar M., Nagabhushana H., Vidya Y. S. and Anantha Raju K. S., "Synthesis Of Eu^{3+} Activated ZnO Superstructures: Photo luminescence, Judd-ofelt Analysis and Sunlight Photo catalytic Properties", *Journal of Molecular Catalysis: A* 409 26-41, (Impact Factor: 3.9) 2015.
33. Ravikumar B. S., Nagabhushana H., Sharma S. C., Vidya Y. S. and Anantha Raju K. S., "Calotropis Procera Mediated Combustion Synthesis of $ZnAl_2O_4:Cr^{3+}$ Nanophosphors: Structural and Luminescence Studies", *Spectrochimica Acta Part A: Molecular And Biomolecular Spectroscopy*, Elsevier, 136, 1027– 1037, 2015.
34. Sunitha V. M., Naveen S., Manjunath H. R., Benaka Prasad S. B., Manivannan V. and Lokanath N. K., "Crystal Structure of Ethyl 2-(3,5-Difluorophenyl)Quinoline-4-Carboxylate", *Acta. Cryst.*, E71, O341, 2015.
35. Naveen S., Benaka Prasad S. B., Manjunath H. R., Anand Kumar C. S., Rangappa K. S., Lokanath N. K. and Sridhar M. A., "Synthesis, Characterization, Crystal and Molecular Structure Studies of [1-(3,5-Dimethyl-2,3-Dihydro-Isioxazole-4-Sulfonyl)-Piperidin-4-Yl]-Diphenylmethanol", *Mol. Cryst. Liq. Cryst.*, 616, 143, 2015.

36. Prashanth K. S., Mahesh S. S., Nanda Prakash M. B., Munirathnamma L. M., Ningaraju S., Ravikumar H. B., Somashekar R. and Nagabhushana B. M., "Solution Combustion Synthesis Of Cr₂O₃ Nanoparticles and Derived Pva/Cr₂O₃ Nano composites-Positron Annihilation Spectroscopic Study", Science Direct, Materials Today: Proceedings 3 3646–3651 2016.
37. Prashanth K. S., Mahesh S. S., Nanda Prakash M. B., Ningaraju S., Ravikumar H. B., Somashekar R. and Nagabhushana B. M., "Whole Pattern Fitting and Positron Annihilation Studies of Magnetic Pva/A-Fe₂O₃ Nanocomposites", Braz.J.Phys(Springer), Vol. 46, Issue 3, pp 262–272, 2016.
38. Issa Mohammed Y. H., Naveen S., Lokanath N. K., Manjunath H. R., Al-Ghorbani, and Khanum S. A., "2-Chloro-6-Fluorophenyl-4-Chlorobenzoate", Iucrdata, 1, X160415, 2016.
39. Issa Mohammed Y. H., Naveen S., Issa H. H., Manjunath H. R., Lokanath N. K. and Khanum S. A., "Synthesis, Characterization, Hirshreld Analysis, Crystal and Molecular Structure Studies Of 2,6-Difluoro Phenoxy Acetic Acid", Der Pharma Chemica, 8(2), 286, 2016.
40. Issa Mohammed Y. H., Naveen S., Issa H. H., Manjunath H. R., Lokanath N. K. and Khanum S. A., "Evaluation of In Vitro Antioxidant Activity of Benzophenone-Pyridine Analogue", Der Pharma Chemica, 8(3), 23, 2016.
41. Issa Mohammed Y. H., Naveen S., Zabiulla, Mohammed Al-Ghorbani, Mamatha S. V., H.R. Manjunath H. R., Lokanath N. K. and Khanum S. A., "Structural Elucidation, Synthesis, Characterization and Hirshfeld Surface Analysis of Ethyl 2-(2-Bromophenoxy)Acetate", Der Pharma Chemica 8(4), 219, 2016.
42. Naveen S., Dileep Kumar A., Ajay Kumar K., Manjunath H. R. and Lokanath N. K., "(E)-3-(2,3-Dichlorophenyl)-1-(4-Fluorophenyl)Prop-2-En-1-One", IUCrdata, 1, X161800, 2016.
43. Sunitha V. M., Manju N., Naveen S., Kalluraya B., Lokanath N. K. and Manjunath H. R., "3-Methyl-5- (4-Methylpiperazin-1-Yl)- 1 – Phenyl - 1h – Pyrazole – 4 - Carbaldehyde", IUCrdata, 1, X161593, 2016.

National Journals

1. Prashanth K. S., Mahesh S. S., Nagabhushana B. M., Nanda Prakash M. B. and Somashekar R., “Determination of Stacking Faults and Micro Structural Parameters In Pva /Zno Nano Composite Films Using Whole Pattern Fitting Technique”, Indian Journal of Advances in Chemical Science 2,36-41,2014.

International Conferences

1. Premkumar H. B.: “Synthesis, Structural, Photoluminescence Properties Of Fe^{3+} Doped YAlO_3 Nano phosphor”, International Union For Material Research Society-International Conference Of Asia – 2013 (Iumrs-Ica 2013), Indian Institute Of Science, Bangalore, 2013.
2. Premkumar H. B.: “ $\text{Mg}_2\text{SiO}_4:\text{Tb}^{3+}$ Green Phosphor: Low Temperature Synthesis and Photo luminescence Properties”, International Union For Material Research Society-International Conference of Asia - 2013 (Iumrs-Ica 2013), Indian Institute of Science, Bangalore, 16-20 Dec 2013.
3. Mahesh S. S.: “Stacking Faults and Micro Structural Parameters in Zinc Oxide Nano Particles by using Whole Pattern Fitting Technique”, National Conference On Recent Advances In Nano Science & Technology (Ncrnt-13), Acharya Institute Of Technology, Bangalore, India, 2013.
4. Premkumar H. B.: “Synthesis, Structural, Photo luminescence Properties of Sm^{3+} Doped YAlO_3 Nano phosphor”, International Conference on Nanostructured Materials and Nano Composites (ICNM – 2014), Mahatma Gandhi University, Kottayam, Kerala, 2014.
5. Premkumar H. B.: “Compression Strength and Electrical Conductivity of Al- Fe_2O_3 Composites Developed by Powder Metallurgy Technique”, 2nd International Conference on Engineering Technology and Science (ICELTS – 15), Muthayammal College of Engineering, Rasipuram, Tamilnadu, 2015.

National Conferences

1. Premkumar H. B.: “Photo Catalytically Activity of Combustion Synthesized YAlO_3 Nano Powder”, National Conference on Nano Science and Nano Technology, BMS Institute of Technology, Bangalore, 2013.

2. Mahesh S. S.: “Variation of Stacking Faults and Micro Structural Parameters in Nano Cerium Oxide Particles with Temperature by Using Whole Pattern Fitting Technique”, National Conference on Recent Advances in Nano Science and Technology (NCRNT-13), Acharya Institute of Technology, Bangalore, India, 2013.
3. Mahesh S. S.: “Effect of Microwave Radiation on Jayadhar Cotton Fibers: Waxes Studies”, The 58th DAE Solid State Physics Symposium, AIP Conference Proceedings 1591, 787 (2014); Doi: 10.1063/1.4872756 2013.
4. Chandrashekhar M.: “Luminescence Properties of Tb Doped Dy₂O₃ Nano phosphor”, National Conference on Recent Advances in Nano Science and Technology (Ncrnt-13), Acharya Institute of Technology, Bangalore, India, 2013.
5. Chandrashekhar M.: “Luminescence Properties of Dy₂O₃ Nano phosphors Synthesized by Co-Precipitation Method”, National Conference on “Nano Science and Nano Technology” BMS Institute of Technology, Bangalore, 2013.
6. Premkumar H. B.: “Synthesis, Characterization and Microbial Studies of Ho Doped YAlO₃ Nano Particles”, National Conference on Recent Advances in Biotechnology and Applied Microbiology, Kanchi Sri Krishna College, Kanchipuram, Tamilnadu, 2014.
7. Chandrashekhar M.: “Synthesis of ZnO Nanostructures using Carica Papaya Seed Extract and To Study Optical Properties”, National Conference Proceedings on Advanced Functional Materials, Dayananda Sagar College of Engineering, Bengaluru, 2015.
8. Chandrashekhar M.: “Judd ofelt Analysis and Energy Transfer Mechanism in Pr³⁺ Doped Mg₂SiO₄ Nano phosphors”, 60th DAE- Solid State Physics Symposium, Amity University, UP, Noida, 2015.
9. Mahesh S. S.: “Synthesis of Solution Combustion based Nanosized Cr₂O₃ Doped Polymer Nano composites and their Characterization”, National Conference on Advanced Functional Materials, AFM-2015, Dayananda Sagar Institutions, Bangalore, 2015.
10. Mahesh S. S.: “Solution Combustion Synthesis of Metal Oxide Nanoparticles and Derived Water Soluble Polymer Nano composites”, International Conference on Nanoscience, Nanotechnology and Advanced Materials, Nanos- 2015, 14-17 GITAM University, Vishakapatnam, 2015.

11. Mahesh S. S.: “A Low Temperature Solution Combustion Synthesis of Co_3 Nano particle”, National Conference on “Advances in Synthesis in Chemical and Biological Process. NASCB-2016, Dayanand Sagar University, Bengaluru, 2016.
12. Mahesh S. S.: “Solution Combustion Synthesis of Cr_2O_3 Nanoparticles and Derived PVA/ Cr_2O_3 Nano composites–Positron Annihilation Spectroscopic Study”, International Conference on Materials Research and Applications, CMR Technical Campus Hyderabad, Telangana, ICMRA-2016), 2016.
13. Mahesh S. S.: “Combustion Synthesized MGO Nanoparticles and PVA/MGO Nano composites Synthesized by Solvent Cast Method”, Second Indo-Canadian Symposium on Nanoscience and Technology, ICSNST NIE-Mysore, 2016.
14. Mahesh S. S.:” Comparison of Pair Correlation Values in Variety of Cotton Fibers”, DAE SSPS 2016, Kiit University, 2016.

Department of Master of Business Administration

International Journals

1. Venkatesh Kumar N., “Seasonality, Quarterly Impact on Net Asset Value of Equity Linked Savings Schemes”, Asia Pacific Journal of Management Research and Innovation (2319-510X, (Impact Factor: 3.355), 2013.
2. Satya Suresh., “Right to Education Act Vis-a Vis Private School holders Perspective to Implementation Challenges”, Innovation Key to Global Competitiveness, 2013.
3. Monica M., “A Study on perceived impact of BT Brinjal”, Contemporary Research in India, A peer reviewed Multi-disciplinary International Journal, 2013.
4. Nijaguna G., “A review on HR priorities of Expatriate deployment in information technology industry”, Zenith International Journal of Management Research, ISSN: 2231-5780, 2013.
5. Nijaguna G., “Excellent Practices of Expatriate relationship management (ERM) in IT enabled Services Sector”, International Journal of Research in Commerce and Management, 2013.
6. Manjunatha N., “Indian Auto Component Industry at Glance with Special Reference to Industry Structure and Export Business”, International journal by name Indian Journal of Commerce and Management Studies, 2013.
7. Manjunatha N., “Study of Issues and Challenges with Reference to the Women Empowerment in India”, International Journal of Research in Commerce, Economics and Management, 2013.
8. Ramanaiah G., “Emerging trends in Business Analytics for IT Companies”, Asia Pacific Journal of Research (2320-5504),(Scopus/Impact Factor:0.828) , 2013.
9. Nijaguna G., “Role of expatriates in an integrative and collaborative Supply Chain as an efficient human resource in Multinational Companies operating in India”, International Journal of Physical and Social Sciences (IJPSS) ISSN: 2249-5894, 2014.
10. Manjunatha N., “Factors influencing formulation of effective export marketing strategies in Indian auto component industry”, International journal of research in commerce, economics & management ISSN 2231-4245, 2014.

11. Renuka Devi and Cynthia, “Digital Marketing is Strategy for ease of doing Business to attract the Market under the Benefit of Make in India campaign: An exploratory Study”, International Journal of Business and administrative Research Review, Volume 1, Issue 1, , ISSN 2348-0653;e-ISSN 2347-856X (Impact Factor: 3.072), 2015.
12. Manu K. S., “A Comparison of Hemler & Longstaff Model and Hsu & Wang Model: The Case of Index Futures”, International Journal of Management (IJM), IAME, (0976 – 6502) (0976 - 6510, (Impact Factor: 7.223)), 2015.
13. Manu K. S., “A Comparison of Hemler & Longstaff Model and Cost of Carry Model: The Case of Stock Index Futures”. The International Journal of Business & Management (IJB), (ISSN 2321 –8916, (Impact Factor: 2.22)), 2015.
14. Manu K. S., “A Comparison of Hsu & Wang Model and Cost of Carry Model: The case of Stock Index Futures”, IOSR Journal of Business and Management (IOSR-JBM) (2278-487)(2319-7668, (Impact Factor: 1.458)), 2015.
15. Manu K. S., “The Weak Form Efficiency of Indian Stock Index Futures Market: A Case of National Stock Exchange”, International Journal of Information Technology and Management, ISSN : 2231-6752, 2015.
16. Monica M., “A Study on Work Life Balance at SBM”, Shiv Shakti International Journal in Multidisciplinary & Academic Research (2278 – 5973, (Impact Factor: 3.133), 2015.
17. Monica M., “A Study on Assessment of Entrepreneurial Skills among Students”, International Journal of Exclusive Management Research (2249 - 2585), 2015.
18. Chaitra V, “A Study on Training Need Analysis at Canara Bank”, International Journal of current research, (Impact Factor: 5.349), 2015.
19. Monica M., “The effectiveness of Team Work and its Impact on Employee Involvement”, Excel International Journal of Multidisciplinary Management Studies - EIJMMS ISSN: 2249-8834, (Impact Factor: 3.89) , 2016.
20. Monica M., “Factor affecting Employee Retention at Omega Scientific Instrument Pvt. Ltd.”, Zenith International Journal of Multidisciplinary Research ISSN: 2231-5780, (Impact Factor: 3.567), 2016.

21. Prakash B. Yaragol, “An Evaluation of Risk-Adjusted Performance and Implicit Risk Preference of Selected Mutual Fund Schemes in India”, APJR, 2017.

National Journals

1. Satya Suresh, “A Study on Awareness of Stem cell and its Relevance”, The IUP Journal of Marketing Management, 2013.
2. Manu K. S., “A Bibliographic Research on Futures Pricing Models and Pricing Performance”, Indian Journal of Commerce & Management Studies (IJBM) (2249-03), 2013.
3. Ramanaiah G., “A Study on Performance of banks in Indian stock markets”, FIIB-Fortune Business Review (0971-8052), 2013.
4. Renuka Devi and Cynthia, “Social Media Analytics as an Emerging Tool for Behavior Informatics, HR Analytics and Business process”, The IASMS journal of Business Spectrum, A Bi-annual journal from India Academy School of Management Studies, Vol. VII, No.2, 31-41, ISSN 0974-8016, July 2014.
5. Nijaguna G., “Expatriate Failure in the Indian IT industry”, Indian Journal management, ISSN: 0975-2854, 2014.
6. Manjunatha N., “Factors that Hamper the Growth of Small Scale Auto Component Manufacturers”, Chaithanya Business Journal, 2014.
7. Renuka Devi and Cynthia, “Effect of Social Media Marketing on Brand Loyalty formation from the perspective of Online consumer”, The IASMS Journal of Business Spectrum, A Bi-annual journal from India Academy School of Management Studies, Volume IX, No.1, 34-37, ISSN 0974-8016, 2016.
8. Renuka Devi and Cynthia, “Going Global in Business Enhances the Employability and Skill Development - An Analytical Study “,”Samyoga”-An academic journal, TJGAJ Vol.11 No.2, , 137-144. A special issue on the national conference on Make in India challenges ahead, e-ISSN 2455-5185, p-ISSN 2231-3362, 2016.

International Conferences

1. Archana Vijay, “Outward FDI & Trade Performance”, Competency Building Strategies in Business and technology for Sustainable Development, Sri Ganesh School of Business Management, Salem, 2013.
2. Renuka Devi and Cynthia, “Social network helps in marketing strategy formulation”, “International Conference on Strategic Management: Emerging Economies’ Perspective” organized by The Oxford College of Business Management. 173-178, ISBN 978-93-5142-199-3, 2013.
3. Renuka Devi and Cynthia, “Indulgence and approach toward social media marketing messages: an empirical study”, “Research in Innovative Practices in Business and Information Technology” by Adarsh Institute of Management and Information Technology, India and Stevenson University, USA, 2014,121-129, ISBN:978-1-63452-467-4, 2014.
4. Om Prakash C., “Internet of Things (IoT) Technology for Enhanced Efficiency and Responsiveness in Garment Supply chains”, ARC 2015 - III International Conference on Applied research in Business, Management, Economics and Finance, Colombo, Sri Lanka, Academic Research Conferences (ARC), Dubai and Kelinya University, Sri Lanka, 2015.

National Conferences

1. Manu K. S., “An Analysis of Futures Price Discovery and Arbitrage Mechanism”, Global opportunities & Challenges in innovation & Creativity.(978-81-923332-2-9), Nagarjuna College of Engineering, Devanahalli, Bangalore, 2013.
2. Manu K. S., “An analysis of Supply Chain Performance”, National Conference on Emerging Trends in Management, Nagarjuna College of Engineering, .(978-81-923332-2-9), Nagarjuna College of Engineering, Devanahalli, Bangalore, 2013.
3. Ramanaiah G., “Opportunities and Challenges for Health Insurance in Health Care Industry in India”, National Conference on Health Care Industry and Insurance, RV Institute of Management, 2013.
4. Monica M., “A Study on Employee Welfare at Scott Garments ltd, Challenges, trends and opportunities in organizations”, PES Institute of technology, Karnataka, Bangalore, 2013.

5. Ramanaiah G., “Operational Feasibility, Growth and Sustainability of Aircraft Industry”, National Conference on Recent Trends in Management, M S Ramaiah Institute of Management, 2013.
6. Nijaguna G., “Antecedents of Expatriate Failure in the Indian Information Technology Industry”, Emerging trends in Global business management, St.Xavier's College Mumbai, 2013.
7. Ramanaiah G., “Emerging trends in Business Analytics for IT companies”, National Conference on Business Analytics, IIM-Bangalore, 2013.
8. Nijaguna G., “Predictive analytics: A tool to increase success rate of Cross Cultural Training in IT industry”, Integrating sustainability into Global Business Management, Acharya Institute of Technology, Bangalore, 2014.
9. Ramanaiah G., “Investment Pattern of IT professionals”, National Symposium on Innovations in Business, Acharya Institute of Technology, Bangalore, 2014.
10. Prakash B. Yaragol, “Risk-Adjusted Performance Measures and Implicit Risk Preference of Mutual Funds”, National Conference on Recent Trends in Management ISBN 978-81-923332-0-5. K.S. School of Engineering and Management, Bangalore, 2014.
11. Renuka Devi and Cynthia, “Influence of Social Media and other Mass Media on Purchase of Different Product Category through Online - An Exploratory Study”, 1st Annual Business Research Conference – ABRC 2015, 172-178. Organized by Don Bosco Institute of Bio-Sciences and Management Studies, ISBN 978-93-5254-124-9, 2015.
12. Renuka Devi and Cynthia, “E Branding is Strategic Tool for Global Competition– An Empirical study”, One day International Seminar on “Emerging Strategies to sustain Global Competition “ organised by C.B. Bhandari Jain College, 48-51, ISBN 978-163102664-5, 2015.
13. Ramanaiah G., “A Study on Agriculture based Income of Self-Help Group Members promoted by SKDRDP in Karnataka”, National Conference on Rural Entrepreneurship: Opportunities and Challenges, NIT, Suratkal, 2015.
14. Monica M., “A study in Entrepreneurial Skills among Students”, New Age Entrepreneurs, Centre for Management Studies, Presidency college, 2015.

15. Om Prakash C., “RFID Technology Implementation and Analysis in Branded Garment Retail Stores”, National Seminar on Innovative Management Practices for Sustainable Development and Global Competitiveness, Department of Management Studies, Pondicherry University, 2015.
16. Ramanaiah G., “A study on role of SKDRDP in Women Empowerment through SHGs in Tumkur”, National Conference organized by RV Institute of Management, Bangalore, 2016.

Books authored/Edited/Chapter Contribution

1. Prakash B. Yaragol, “Risk Management” (ISBN: 978-93-272-3956-0), Kalyani Publishers, First Edition, 2014.
2. Manjunatha N., International Marketing Management (ISBN 978-93-83922-05-5), Thakur Publication Bangalore, First Edition, 2014.

Department of Master of Computer Applications

International Journals

1. Deepti A. R., “Game Theory Attempts in Designing Defense Sophisticated Attackers Anticipation in Vehicular ADHOC Networks”, European Journal of Scientific Research, UK, Vol. 100, No. 1.(H index:22), (Citation: 1104), (Impact Factor: 0.713), 2013.
2. Deepti A. R., “Enhancement of Game theoretic Approach using Nash Equilibrium with Macro Chains for VANET Security”, International Review on Computers and software (IRECOS), Italy, Vol. 8, No. 4, (index Copernicus), (H index: 9), (Citation: 536), (Impact Factor:6.14), 2013.
3. Prasanna Kumar K. S., “Algorithm to Identify Kannada Vowels using Minimum Features Extraction Method”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.2, Issue.2, ISSN: 2278-3075, India, (Citation:359), (H index:7), (Impact Factor:1.2), 2013.
4. Prasanna Kumar K. S., “Optical Character Recognition (OCR) for Kannada Numerals using Left Bottom 1/4th Segment Minimum Features Extraction” in International journal of Computer Technology and Applications, Vol. 3(1), 221-225, (Citation: 332), (H index:16), (Impact Factor:2.804), 2013.
5. Rosita F. Kamala, Susmitha J. A. Nair, and Anitha K. L., “Trusted Third Party Authentication in Cloud Computing ”, International Journal of Engineering Research and Technology(IJERT), Vol. 2, Issue.11, ISSN: 2278-0181, (Citation: 316), (H index:9), (Impact Factor: 1.76), 2013.
6. Ramya M. C.and Debabrata Samanta, “Assesment of Clustering Techniques in Data Mining”, International Journal of Recent Trends in Electrical and Electronics Engineering, Vol. 2, Issue. 2, PG: 20-25, ISSN: 22316612, (Citation: 24), (H index:2) (Impact Factor: 0.76) , 2013.
7. Dhanabal T. and Debabrata Samanta, “Computerized Spoiled Tamato Detection” International Journal of Research in Engineering and Technology IJERT, Vol. 2, Issue.11, e-ISSN: 2319-1163, p-ISSN:2321-7308 (Citation: 316), (H index:9) (Impact Factor: 1.76) ,2013.

8. Hamsa K., “Minimizing Latency in Cluster with Cloud Computing”, International Journal of Research in Engineering and Technology IJERT, Vol.1, Issue.2, pp.105-110, (Citation: 316), (H index:9), (Impact Factor: 1.76), 2013.
9. Ramakrishna Reddy K. and Debabrata Samanta, “Application of Digital Image Processing for Horticulture”, International Journal of Engineering Sciences and Emerging Technologies IJESSET, Vol. 6, Issue. 2, pp.228-232, ISSN- 22316604, (Citation: 4), (H index: 1), (Impact Factor: 1.02), 2013.
10. Debabrata Samanta, “Automated Water regions extraction from SAR imagery using Log-Normal Parameter and Entropy”, International Journal of Information Processing (IJIP), Vol. 7, Issue. 1, (H index: 5), (Citation: 20), India, 2013.
11. Debabrata Samanta, “Secure Approach for Message Communication”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), pp.3481-3484, Vol. 2, Issue. 9, (Impact Factor:1.770), India, 2013.
12. Debabrata Samanta, “Message communication using Phase Shifting Method (PSM)” International Journal of Advanced Research in Computer Science (IJARCS), Vol. 4, No. 11, pp.9-11, (Citation: 180), (H index: 8), (Impact Factor: 3.74), India, 2013.
13. Sashikanth Reddy A., “Improving Child Security using GPS Enabled Identification Card ”, International Journal of Management and Technology Research, Vol.3(1), pp.79-82, ISSN : 2277-291X, (Citation: 1), (H index: 1), (Impact Factor: 0.452), 2014.
14. Kavitha M. S., “Improving Child Security using GPS Enabled Identification Card”, International journal of Management and Technology Research, Vol. 3(1), pp.79-82, ISSN : 2277-291X, (Citation:1), (H index:1), (Impact Factor: 0.452), 2014.
15. Ramakrishna Reddy, “Improving Child Security using GPS Enabled Identification Card ”, International Journal of Management and Technology Research, Vol. 3(1), pp.79-82, ISSN : 2277-291X, (Citation:1), (H index:1), (Impact Factor: 0.452), 2014.
16. Debabrata Samanta, “Novel Approach for Message Security”, IJISIS, 2014.
17. Debabrata Samanta, “Message Encryption using Text Inversion Plus N Count: In Cryptology”, IJISIS, 2014.
18. Debabrata Samanta, “Automated Damaged Ginkgo Leaf Detection”, IARCCE, 2014.

19. Debabrata Samanta, "Data Hiding with Pixel Scrambling Techniques by Modified Shuffling", IJISIS, 2014.
20. Farzeen Basith, "Enhanced Security Framework to Ensure Data Security in Cloud using Security Blanket Algorithm", International Journal of IJERT, 2014.
21. Ramya M. C., "A Survey on Data Mining Application for Sericulture Domain", IJRCSIT, 2014.
22. Shashikanth Reddy A., Kavitha M. S. and Ramakrishna Reddy K., "Improving child Security using GPS enabled Identification Card", IJMTR, 2014.
23. Farzeen Basith, "Periodic Cargo Balancing for Multifarious Entity Network", IJETTCS-2014-11-21-55, 2014.
24. Ramya M. C., "A Survey on Data Mining Application for Sericulture Domain", IJRCSIT, 2014.
25. Sreeparna Chakrabarti, "A Novel Approach to Digital Image Steganography of Key-Based Encrypted Text", EESCO, Visakhapatnam, Andhra Pradesh, India, 2015.
26. Debabrata Samanta, "A Novel Approach to Digital Image Steganography of Key-Based Encrypted Text", EESCO, Visakhapatnam, Andhra Pradesh, India, 2015.
27. Ramya M. C., "A predictive Model Construction for Mulberry Crop Productivity", Advanced Computing Technologies and Applications – ICACTA, Bangalore, 2015.
28. Rajesh Rao K. and Sreeparna Chakrabarti, "Popularising Bhuvan Panchayat Portal - Asst Mapping", ISRO Headquarters, Bengaluru, 2015.
29. Rajesh Rao K., "A Review Challenges and Mitigations of Cyber Attack", International journal of Advance and Innovative research (ISSN-2278-7844) Vol. 5, Issue.10, 2016.
30. Rosita Kamala F. and Ranjit Jeba Thangaiah P., "A Proposed Two Phase Hybrid Feature Selection Method using Backward Elimination and PSO", International Journal of Applied Engineering Research, Vol.11, No. 1, pp.77-83. ISSN 0973-4562, 2016.

31. Venkatesh H. and SureshBabu G. N. K., “A Review of Data Security Algorithms in Cloud Computing Environment”, International Journal of Advanced and Innovative Research (2278-7844), pp.118, Vol. 5, Nov 2016.

National Journals

1. Deepti A. R., “Real time Services for Cloud Computing Enabled Vehicle Networks”, IOSR Journal of Computer Engineering (IOSR-JCE), Vol. 11, Issue.1, (Citation: 279), (H index: 8), (Impact Factor: 1.686), 2013.

International Conferences

1. Prasanna Kumar K. S. and Manish Kumar Thakur, “Comparison of Segmentation-based and Segmentation-free Approaches for Character”, ICMIS-13, Bangkok, 2013.
2. Prasanna Kumar K. S. and Manish Kumar Thakur, “Brain Wave as an input Device – New Approach to Control Digital Devices”, ICMIS-13, Bangkok, 2013.
3. Prasanna Kumar K. S. and Manish Kumar Thakur Thakur, “Effect of Preprocessing Sequence on Kannada Characters in OCR”, ICMIS-13, Bangkok, 2013.
4. Debabrata Samanta, “An Approach of Tabu Search for Unsupervised Classification for SAR Images”, ICISP-2013, 2013.
5. Sreeparna Chakraborty, “Potential Impact and Application of Neural Network in Software Testing”, Information and communication Engineering 2013, IRD India, Bangalore, 2013.
6. Prasannna Kumar K. S., “An Approach for Effective Feature Extraction for Kannada Characters in OCR Engines”, ICSCI-2014, Hyderabad, 2014.
7. Hamsa K., “A Survey on Efficient Broadcast, Geo-casting and Scalability Rectal in MANETS”, ICON RFW-14, HKBK, 2014.
8. Prasanna Kumar K. S., “An Approach for Effective Feature Extraction for Kannada Characters in OCR Engines”, International Conference on Systemics, Cybernetics and Informatics, Hyderabad, Andhra Pradesh, 2014.

9. Ramya M. C., “Novel Automated System to Predict Cocoon Production using Data Mining Techniques”, ICETMS-2014, VSK, Bellary, 2014.
10. Sreeparna Chakrabarti, “A Novel Approach to Digital Image Steganography of Key-Based Encrypted Text”, in EESCO, Visakhapatnam, Andhra Pradesh, India, 2015.
11. Debabrata Samanta, “A Novel Approach to Digital Image Steganography of Key-Based Encrypted Text” in EESCO, Visakhapatnam, Andhra Pradesh, India, 2015.
12. Ramya M. C., “A Predictive Model Construction for Mulberry Crop Productivity”, Advanced Computing Technologies and Applications – ICACTA, Bangalore, 2015.
13. RajeshRao K. and Sreeparna Chakrabarti, “PopularisingBhuvanPanchayat Portal - Asst Mapping”, ISRO Headquarters, Bengaluru, 2015.
14. Sridevi T. N., “Technique to improve the Feature Selection using Constraint Score Method”, Advances in Collaborative for Economics, Management, Humanities, Social Sciences and Computer Technology, Senate Bhavan , Manasagangotri Campus, Mysore, Karnataka, 2016.
15. Sashi Kanth Reddy A., “An Algorithm with Optimal Time and Space Efficiency to Detect Balance of a Signed Graph”, 2016.
16. Susmita J. A. Nair, “Resource Extension Techniques in Enterprise Architectures Through Cloud Connectivity”, IEEE International Conference on Inventive Computation Technologies (ICICT 2016), 2016.
17. Anitha K. L., “A Smart Cloud Architecture to Handle Security Issues and Vulnerabilities in Cloud”, IEEE International Conference on Inventive Computation Technologies (ICICT 2016), 2016.
18. Sashi Kanth Reddy A., “Haul out using Text the Signed Social Networks”, International Conference on Trends and Innovations Implying Future Technology St. Claret College, Bangalore, 2017.

National Conferences

1. Deepti A. R., “A Case Study of Load Balancing Algorithms in Cloud”, TECHMAN-13, 2013.
2. Deepti A. R., “Evaluation of Data Security in Cloud Computing”, TECHMAN-13, 2013.

3. Rosita F. Kamala and Kalpana K., “Effective of Mobility Models for Vehicular Adhoc Networks”, TECHMAN-13, 2013.
4. Sridevi T. N., “Adoption and Diffusion of Cloud Computing Technology in Technical Education”, TECHMAN-13, 2013.
5. Hamsa K., “Packets Performance for Sockets” in WISE 2013 : Wireless Signal Processing and Embedded Systems”, BMSCE, 2013.
6. Hamsa K., “Data Storage in Cluster Cloud Computing”, Advances in Computer Applications NCACA 2013, SSIT, Tumkur, 2013.
7. Hamsa K., “Service Provide in Multi-Cloud Computing”, Information and Communication Technology NCICT-13, NHCE, India, 2013.
8. Hamsa K., “IT Enabled Platforms with Cloud Computing”, Recent Advances in Technology and Engineering, TJIT, 2013.
9. Sashikanth Reddy A., Kavitha M. S. and Ramakrishna Reddy, “Improving Child Security Using GPS Enabled in TECHMAN-13, 2013.
10. Omprita Chatterjee, “4G Network in India : a Milestone”, TECHMAN 13, 2013.
11. Omprita Chatterjee, “Secure pages of Facebook from Criminal Activities”, TECHMAN 13, 2013.
12. Omprita Chatterjee, “An Algorithm to Word Segmentation Leading to Robust OCR”, TECHMAN 13, 2013.
13. Debabrata Samanta, “Evaluation of Data Security in Cloud Computing”, TECHMAN-13, 2013.
14. Omprita Chatterjee, “Emerging Trends in Information Processing” in Department of Computer Science and Information Science Engineering, Moscow State University, Russia, 2013.
15. Omprita Chatterjee, “I-TECH 2013- 4G Internet and Associated Technologies”, Department of Computer Science Engineering, MVJ College, Bangalore, 2013.

16. Debabrata Samanta, “Web Application Threats” in TECHMAN-13, 2013.
17. Rajesh Rao K., “Wireless communication Technology-Evolution and Revolution” in TECHMAN-14, 2014.
18. Rajesh Rao K., “Using Big Data Technologies to Enable Social Media Analytics”, TECHMAN-14, 2014.
19. Ramakrishna Reddy K., “Signal Processing Performance and Lowering Costs”, TECHMAN-14, 2014.
20. Kalpana K., “E-Police Service”, TECHMAN-14, 2014.
21. Rajesh Rao K., “Issues in Wireless Networks”, TECHMAN-14, 2014.
22. Viswasanathan C. and Deepti A. R., “Policy Reasoner: An approach for security to RDF”, TECHMAN-14, 2014.
23. Deepti A. R. and Debabrata Samanta, “Evaluation of Data Security in Cloud Computing”, TECHMAN-14, 2014.
24. Anitha K. L. and Susmitha J. A. Nair, “An Emerging Approach on Hacking”, TECHMAN-14, 2014.
25. Prathibha S. B., “Fast Intra-Network and Cross-layer Handover for WIMAX and Mobile Internet”, TECHMAN-14, 2014.
26. Narsimha Murthy G. K., Sridevi T. N. and Kalpana K., “Document Clustering Techniques for Web data mining”, TECHMAN-14, 2014.
27. Rajesh Rao K., “Using Big Data Technologies to Enable Social Media Analytics”, TECHMAN-14, 2014.