



Mrs. Sini Shibu

Profile:

Qualification:

BE (CSE) in 2001 from RKDF Institute of Science and Technology and M.Tech (CTA) in 2006 from UIT, RGPV.

Teaching Experience:

15+ years in institutes of repute such as BSSS, LNCT, TIT and NRI Group.

Areas of interest:

- Image Processing
- Pervasive Computing
- Internet of Things
- Cryptography

Papers Published (Listed in Google Scholar):

1. Sini Shibu, Aishwarya Vishwakarma and Niket Bhargava, "A combination approach for Web Page Classification using Page Rank and Feature Selection Technique", International Journal of Computer Theory and Engineering, Vol.2, No.6, December, 2010 1793-8201
2. Dinesh S. Datar, SiniShibu, "Color Image Segmentation based on Initial Seed Selection, Seeded Region Growing and Region Merging", International Journal of Electronics, Communication & Soft Computing Science and Engineering ISSN:2277-9477, Volume2, Issue 1
3. Niranjana Chatap, Sini Shibu, "Analysis of blood samples for counting leukemia cells using Support vector machine and nearest neighbour", IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 16, Issue 5, Ver. III (Sep – Oct. 2014), PP 79-87
4. Prachi Saxena, Sini Shibu, "A Novel Approach to Design Time Efficient and Secure encryption Algorithm (T-SEA)", IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727 Volume 16, Issue 1, Ver. VI (Feb. 2014), PP 29-34
5. Priyanka Vishwakarma, Sini Shibu, "ABC based Double Layer-Triple Encryption Method for Data Security in Cloud", International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169 Volume: 2 Issue: 9, pp 2957 – 2962

6. Suman Kushwaha, Sini Shibu, "An Extensive Survey on Wi-Max Communication Technologies and Its Advancement", International Journal of Advanced Research in Computer Science 6.1 (Jan 2015).
7. Rishi Kushwah, Sini Shibu, "An Efficient Technique for Smart Grid Communications using IBE-ECIES", International Journal of Scientific & Engineering Research, Volume 5, Issue 10, October-2014, ISSN 2229-5518
8. Shubhi Jain, Sini Shibu, "A Novel Approach of Designing Cryptographic Algorithm with High Confidentiality", International Journal of Computer Applications 102.11 (2014).
9. Harsha Mishra, Vaibhav Kumar, Sini Shibu, "Cluster based Energy Efficient Routing Protocol for Wireless Sensor Network", Engineering Universe for Scientific Research and Management (International Journal) , Vol. 7 Issue 1 January 2015
10. Shashi Kant, Sini Shibu, " Performance Analysis of Time in Line and Word Segmentation using Different Fonts", International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 6, June 2015
11. Shubhi Jain, Sini Shibu, "Comparative analysis of Steganography Algorithms on the Basis of PSNR value & cover file size", IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p- ISSN: 2278-8727Volume 16, Issue 3, Ver. VII (May-Jun. 2014), PP 106-110
12. Manisha S. Patil, Sini Shibu, Dr. Bhupendra Verma, "Fourier Descriptor & Ring data Feature based Isolated Marathi Handwritten Numerals Recognition", CIIT, Vol 3, No 6 (2011)
13. Sini Shibu, Sanjeev Jain, "Pervasive Computing for Automobiles: An Approach to Maximize User Convenience and Safety Using VANETs", International Journal of Computer and Electrical Engineering, Vol.2, No.6, December, 2010 1793-8163
14. Sini Shibu , Dinesh Datar, "Seed Selection for Color Image Segmentation", International Journal of Electronics, Communication & Soft Computing Science and Engineering (IJECSCE), Volume 1, Issue 1
15. Suman Kushwaha, Sini Shibu , "Evaluation of Efficient Wi-Max Mobile Network using MIMO and Mean Filter", International Journal of Advanced Research in Computer Science . Mar/Apr2015, Vol. 6 Issue 2, p72-76. 5p.
16. Prachi Saxena, Sini Shibu, "Performance Analysis of BEST and NJJSAA", International Journal of Computer Applications 72.13 (2013).
17. Santosh Kumar, Sini Shibu, "Contrast Grayscale Image in Visual Cryptography Using Sigmoid Function", INTERNATIONAL JOURNAL OF SCIENTIFIC PROGRESS AND RESEARCH (IJSPR) Volume-02, Number- 01, 2014
18. Chatap, N., &Shibu, S., "Automatic Blasts Counting for Acute Leukemia Cells Based on Blood Samples",. International Journal of Computer Science & Applications (TIJCSA), 3(01). (2014).

19. Maind, D. S., &Shibu, S., "Efficient Data Encryption Technique in Video for Secret Sharing', International Journal of Advanced Research in Computer Science, 3(4). (2012).
20. Kumar, P., & Shibu, S., "Authorization of Face Recognition Technique Based on Eigen Faces", International Journal of Advanced Research in Computer and Communication Engineering Vol. 3, Issue 9, September 2014
21. Dheeraj Rawat, Nitesh Gupta, Sini Shibu, "Survey of Taguchi Loss Function in Mobile Ad hoc Network", International Journal of Scientific & Engineering Research, Volume 5, Issue 12, December-2014, ISSN 2229-5518
22. Vishwakarma Abhinandan, Sini Shibu, "Text Stream Classification Techniques and Research Issues: A Review", International Journal of Advanced Research in Computer Science 3.3 (May 2012).

Success Record:

- Appointed as Programme Officer of Girl's Unit for National Service Scheme(NSS) at The Bhopal School of Social Sciences (BSSS).
- Appointed as Member, Steering Committee for preparing the Self Study Report of BSSS for National Assessment and Accreditation Council (NAAC), Bangalore.
- Appointed as Member of the working Committee for preparing the NBA Report of CSE Department, Lakshmi Narain College of Technology (LNCT).
- Appointed as In-charge, Recruitment Cell, Technocrats Institute of Technology (TIT).
- Appointed as Advisor, Institution of Engineers, Student Chapter, CSE, TIT
- Appointed as Programme Co-ordinator for National, Technical and Cultural Festivals, TIT
- Worked as Co-ordinator of M.Tech (CTA) course at TIT
- Worked as Co-editor, Srijan, College Magazine, TIT
- Appointed member of the T&P cell for conducting various campus drives and technical training sessions at TIT.
- Appointed Co-ordinator for Mahavasant 2011and 2012, the annual day programme of TIT.
- Appointed as Remote Centre Aakash Workshop Co-ordinator conducted by IIT Bombay at NRI Institute of Information Science and Technology.
- Appointed as Design and Analysis of Algorithms Workshop Co-ordinator conducted by IIT Kharagpore at NRI Institute of Information Science and Technology.
- Appointed Co-ordinator for Novizio 2015, the annual day programme of NRI Group of Institutions.
- Awarded by Srijan 2016 for Best results in the subject of "Principles of Programming Languages" amongst 200 engineering colleges of Madhya Pradesh.