

**B. V. V. Sangha's**  
**Basaveshwar Engineering College (Autonomous), Bagalkot**  
**Department of Information Science and Engineering**

**Research Publications till Date**

**Books:**

1. S. R. Patil , "Effective Dimensionality Reduction in Pattern Recognition", bearing ISBN 978-3-659-61955-7, Lambert Academic Publishing, Germany

**Book Chapters:**

1. Lokesh B. Bhajantri, S.S. Manvi, "**Agent Based Product Negotiation Models in M-Commerce**", Edited by: In Lee, Western Illinois University, USA. Handbook of Research on Telecommunications Planning and Management for Business, IGI Global Publisher, pp. 820 – 835, 2009. DOI: 10.4018/978-1-60566-194-0.ch052.
2. Lokesh B. Bhajantri, Tabassum N. Mujawar, "**A Comprehensive Review of Access Control Mechanism based on Attribute Based Encryption Scheme for Cloud Computing**". Research Anthology on Artificial Intelligence Applications in Security, IGI Global Publisher, pp. 899-921, 2019 DOI: 10.4018/978-1-7998-7705-9.ch042
3. Lokesh B. Bhajantri, Tabassum N. Mujawar, "**A Model for Evaluating Trustworthiness of Cloud Service and Cloud Users using Behaviour and Recommendation**", Machine Learning and Deep Learning Techniques in Wireless and Mobile Networking Systems, CRC Press

**Journals:**

1. Shobha R. Patil & Geeta Channal "**An Internet Technology approach for the betterment of farmers**" " Appropriate extension strategies for managements of rural resources, since December 18-20 - 2007
2. Shobha R. Patil & Dr. Sanjay Pande M. B. "**Principal Component Analysis: A Survery**" " International Journal of Engg Sciences Research IJESR issue Sept 2011 Vol. No 1, issue No. 3 PP 25-29
3. Shobha R. Patil & Dr. Sanjay Pande M. B. "**Face Recognition using Principal component Analysis**" International Journal Engineering Sciences Research IJESR" issue sept 2011 Vol. No. 1 issue No. 3, pp. 25 & 29
4. Shobha R. Patil & Dr. Sanjay Pande M. B. "**A Chaotic Encryption of image using PCA**" " Global Journal of Mechanical Engg and component science issue 2249 – 3468" issue No. 3 pp 25-29
5. Shobha R. Patil, Vani Chikkareddi & Dr. Sanjay Pande M. B. "**Face Recognition using Principal component Analysis**" " Global journal of mechanical Engg and computanl.. Science ISSN 2249 – 3468" " issue sept 2011 Vol. No, I issue No. 3 pp 110-113

6. Shobha R. Patil & Dr. Sanjay Pande M. B. “**Dimensionality Reduction of Satellite images using Principal component Analysis**” “International journal of Communicate on engineering Applications” issue Aug 2011 Vol. No. issue No. 3 pp.
7. Shobha R. Patil & B. G. Sheeparamatti, V. S. Khedgi “**Is PCA an effective Dimensionality Reduction Technique**” Global journal of mechanical Engg and Computation 1 Science” issue Dec 2011 Vol No. 1 issue No. 3 pp 18-21
8. Shobha R. Patil & Dr. Sanjay Pande M. B. “ **An Introduction to spatial filtering for image pre processing**” Global journal of Mechanical Engineering and Computational Science” “issue 2013 No.3 issue No. 1 PP 44-46
9. Shobha R. Patil & Dr. Sanjay Pande M. B. **FIR Finite impulse response filter** “Global journal of Mechanical Engineering and Computational Science” “issue 2013 No.3 issue No. 1 PP 51-53
10. S.S. Manvi, Lokesh B. Bhajantri, Vittalkumar K. Vagga, “**Routing Misbehaviour Detection in MANETs using 2ACK**”. Journal of Telecommunications and Information Technology, vol. 4, pp. 105-111, 2010 (22).
11. Lokesh B. Bhajantri, Nalini. N., “**Context Aware Resource Allocation in Distributed Sensor Networks**”. International Journal of Wireless and Mobile Networks (IJWMN), vol.4, no.2, pp 35-51, 2012.
12. Lokesh B. Bhajantri, Nalini. N., “**Energy Aware Based Fault Tolerance Approach for Topology Control in Distributed Sensor Networks**”. Journal of High Speed Networks, vol. 18. No. 3, pp. 197-210, 2012, IOS Press, July 2012. (07).
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14. Lokesh B. Bhajantri, Nalini. N., “**Cluster Based Optimization of Routing in Distributed Sensor Networks Using Bayesian Networks with Tabu Search**”, International Journal of Electronics and Telecommunications, vol. 60, no.2, pp. 199-208, 2014. (08)
15. Lokesh B. Bhajantri, Nalini. N., “**Bayesian Networks based Fault Tolerance in Distributed Sensor Networks**”. Journal of Telecommunications and Information Technology, vol. 4, pp. 44-52, 2014 (05).
16. Lokesh B. Bhajantri, Nalini. N., “**Genetic Algorithm Based Node Fault Detection and Recovery in Distributed Sensor Networks**”, International Journal of Computer Network and Information Security (IJCNIS), vol.12, no.4, pp. 37-46, 2014 (09).
17. Lokesh B. Bhajantri, Nalini. N., “**Context Aware Retail Chain Management in Distributed Sensor Networks**”. International Journal of Computer Science and Network, vol. 6, no.2, pp. 220 – 229, 2017.
18. Lokesh B. Bhajantri, Nalini. N., “**Context Aware Data Aggregation in Distributed Sensor Networks**”. International Journal of Computer Networks and Wireless Communications, vol.6, no.6, pp.46-51, 2016.
19. Lokesh B. Bhajantri, Shiddalingesh S. Hiremath, “**Bandwidth Allocation and Scheduling in Distributed Sensor Networks**”. International Journal of Internet of Things and Cloud Computing, vol.5, no.1, pp. 30-37, 2017.
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23. Lokesh B. Bhajantri, Vasudha. A., **“Cognitive Agent Based Data Synchronization in Ubiquitous Networks: A Survey”**. International Journal of Advanced Pervasive and Ubiquitous Computing, vol.10, no.2, pp.1-17, 2018, IGI Global. (01).
24. Lokesh B. Bhajantri, Prashant M. Balarugi, **“A Survey on Data Perception in Cognitive Internet of Things”**. Journal of Telecommunications and Information Technology, vol. 3, pp. 75-86, 2019.
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27. Lokesh B. Bhajantri, Tabassum N. Mujawar, **“Behavior and Feedback based Trust Computation Framework for Cloud Computing”**. Journal of King Saud University - Computer and Information Sciences, vol. no. 2020 (In Press).
28. S S Manvi, B M Reshmi, and Bhagyajyoti, **“An agent based intrusion detection model for mobile adhoc networks”**, Mobile Information systems, Mobile Information systems vol. 2(4), 2006, IOS Press. **(Impact factor:0.849, Citations:04)**
29. G G Rajaput and B M Reshmi, Sidramappa C, **“Automatic detection of fovea center using mathematical morphology in fundus images”**, *IJMI*. International Journal of Machine Intelligence. ISSN: 0975–2927 & E-ISSN: 0975–9166, vo.1 3(4), 2011. **(ICV:7.09 (2012), Citations:08)**
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37. Sadhana P.Bangarashetti, Prof. Pavan Kunchur and Prof. Nikhil Inamadar, **The Data Recovery File System for Hadoop Cluster-Review**, Information Conference on Communication, Control, Instrumentation and Computational Technology, 2015 Vol.9(36)
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