

PROFILE

Name: Dr. Vivek Kshirsagar, Associate Professor

Contact: Department of Computer Science and Engineering and MCA,

Government Engineering College,

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Degrees:

PhD Computer Science and Engineering, Dr.Babasaheb Ambedkar Marathwada University,Aurangabad,2017

M.E Computer Science and Engineering, Technical Teacher's Training Institute, Chandigarh, 2001

B.E Computer Science and Engineering, Government Engineering College, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad,1993

Ph.D. topic: Effective data mining techniques for performance improvement of intrusion detection

Research Areas:

Networking and Security, Machine learning, Data Mining,

Member of Professional Bodies:

Member of Institution of Engineers (India)

Life member of Indian Society for Technical Education

Life Member of Computer Society of India

Major Publications:

1. Vivek P Kshirsagar, Madhuri Joshi, Enhancing Intrusion Detection System by Reducing the False Positives through Application of Various Data Mining Techniques, International Journal of Computer Science and Information Security, Vol 14, No 2, pp.76-84, Feb 2016
2. Vivek Kshirsagar, Anil Karwankar, Meghana Nagori, Kailas Elekar, Identification of the Choice of Drugs in Epilepsy by the Method of Classification and Regression Tree, Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems, Springer International Publishing, pp. 339-346, May 2016
3. Vivek P Kshirsagar, Madhuri Joshi, Rule Based Classifier Models For Intrusion Detection System, International Journal of Computer Science and Information Technologies, Vol 7 issue 1, pp.367-371
4. Sunil D Jejurkar, Vivek P Kshirsagar, Topical Clustering of Search Results using Suffix Tree Clustering, International Journal of Computer Applications, vol 144 issue 12, Jan 2016, pp.29-
5. Vivek P Kshirsagar, Madhuri Joshi, Comparative Analysis of Various Classifiers for Performance Improvement in Intrusion Detection System by Reducing the False Positives, International Journal of Computer Science and Information Technologies, Vol 6 Issue 5, pp.4825-4828
6. Vivek Kshirsagar, Vikul Pawar, Examining the Document Image Binarization Technique for Degraded Document Images, International Conference on Technology and Business Management, Dubai, March 24-26, 2014, pp.382-387
7. Purnita Majumder, V. P. Kshirsagar, Brain Tumor Segmentation and Stage Detection in Brain MR Images using K-AMSEM Algorithm, International Journal of Computer Applications, Volume 95– No.24, June 2014, pp.31-
8. SB Shinde, VP Kshirsagar, MK Deshmukh, A hybrid approach for intrusion-detection based on fuzzy GNP and probabilistic classification, 2012 International Conference on Graphic and Image Processing, pp
9. Vivek P. Kshirsagar, Madhuri S. Joshi, An Intrusion-Detection Model based on Fuzzy Frequent Episodes using Probability Distribution, Proc. of Int. Conf. on Advances in Information Technology and Mobile Communication pp.435-440

10. Niteen Dhutraaj, Siddhart Sasane, Vivek Kshirsagar, Hiding sensitive association rule for privacy preservation, IEEE Transactions on Knowledge and Data Engineering,
11. Mahesh Kharote, VP Kshirsagar, Data Mining Model for Money Laundering Detection in Financial Domain, International Journal of Computer Applications, Vol 85 issue 16
12. Ravi Deshpande, Vivek Kshirsagar, A Fuzzy Self Constructing Feature Clustering for Text Categorization, International Journal of Global Technology Initiatives, vol 1 issue 1, pp. 71-78
13. Vivek K Kshirsagar, Sonali M Tidke, Swati Vishnu, Intrusion detection system using genetic algorithm and data mining: An overview, International Journal of Computer Science and Informatics, vol 1, issue 4, pp 91-95
14. B S Sonawane, Radhakrishna Naik, Vivek Kshirsagar, "New Strategy for detecting Intrusion by using c4.5 algorithm, International Conference in Computational Intelligence
15. Shilpa Sanap, Meghana Nagori, Vivek Kshirsagar, Classification of anemia using data mining techniques, Journal Swarm, Evolutionary, and Memetic Computing, Springer Berlin/Heidelberg, pp. 113-121
16. Amit S Bhala, Vivek P Kshirsagar, Meghana B Nagori, Mandar K Deshmukh, Performance comparison of elliptical curve and rsa digital signature on arm7, Proceedings of International Conference on Information and Network Technology, pp. 58-62
17. Meghana Nagori, Sarita T Sawale, VP Kshirsagar, Emotions and Strategies for Preparation of Emotional Speech Database, International Journal Of Computer Science And Applications, vol 3 issue 1, Feb 2010, pp. 42-47
18. VP Kshirsagar, MR Baviskar, ME Gaikwad, Face recognition using Eigenfaces, IEEE 3rd International Conference on Computer Research and Development, pp. 302-306, Mar 2011

Training Programmes/Workshops/Seminars Participated:

Sr.No	Course Name	From	To	Organizing institute
1.	Skill matrix enhancement and effective teaching -	11/28/2011	12/9/2011	Government College of

	learning for quality technical education (SMEETL_2011)			Engineering Aurangabad
2.	Engineering optimization techniques and its application in research	2-Jan-12	12-Jan-12	Government College of Engineering Aurangabad
3.	Self management and team management for success -breaking the barriers	18-Sep-12	18-Sep-12	Government College of Engineering Aurangabad
4.	Genetic algorithm and neuro fuzzy applications in engineering(GANEUF AE-2012)	17-Dec-12	21-Dec-12	Government College of Engineering Aurangabad
5.	Technology Enabled Teaching and Learning"			IIM,Kozikode
6.	"3 rd world summit on Accreditation organized by NBA"	18/03/16	20/3/16	New Delhi

Job Particulars :

- Currently working as Head of Department for Computer Science and Engineering, Master of Computer Applications and Master of Engineering Programs since September 2010
- Guided approx 30 students for M.E. Dissertations
- Chairman of Departmental Board of Studies
- Head for Institute's Management Information System
- Establishment of diverse laboratories in department

- Responsible for Procurement of various funds under different government funds for setting up of laboratories and digitization in classrooms
 - Consultancy services to Police Commissioner and at Collectorate offices.
 - Member of various committees for inspection of various colleges for assessment as per AICTE norms.
 - External Examiner for ME Viva Voce dissertation exams at diverse Universities
 - Chairperson and Organizer of various workshops
 - Served as Observer for MBA and MCA Entrance Exams
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