

Name of Faculty (Latest Degree): Dr. Vishwajit B. Gaikwad

Ph. D. (Computer)

Designation: Associate Professor

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Address for Correspondence: D-42/16, Sai Sangam CHS, Sector-48, Nerul, Navi Mumbai.



Professional Qualification:

- **Ph.D. in Computer Engineering, 2024**
Pacific University, Udaipur
- **Master of Engineering (Computer), 2006**
Shivaji University, Maharashtra
- **Bachelor of Computer Engineering, 1997**
Walchand College of Engineering, Sangali, Shivaji University, Maharashtra

Short Biodata:

Reviewer:

1. 2022 5th International Conference on Advances in Science and Technology (ICAST)

Major Subjects:

- Image Processing, System Security, Digital Forensics, Database Management System, Microprocessor, Human Machine Interaction, etc.

Citation Analysis:

91 citations (h-index 6 and i10-index 3) in google scholar

<https://scholar.google.com/citations?hl=en&authuser=1&user=vtYCbiAAAAAJ>

List of Publication:

Journal Publications:

1. Mithun M. Patil, Mr. Vishwajit B. Gaikwad, "Sentiment analysis of short text using KERAS", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.9, Issue 9, page no.b201-b205, September-2022.
2. Vandana Maurya , Prof. V. B Gaikwad, "Securing Authentication against Spyware using Captcha and click based Graphical Password", International Journal of Innovative Research in Computer and Communication Engineering (An ISO 3297: 2007 Certified Organization) Vol. 4, Issue 5, May 2016, DOI: 10.15680/IJIRCCE.2016. 0405248
3. Sanket Bunage, Garima Pandey, Sonal Avhad, Sarvesh Navandhar, V. B. Gaikwad, "Online Credit

Card Fraud Prevention”, IJSTE - International Journal of Science Technology & Engineering | Volume 2 | Issue 10 | April 2016 ISSN (online): 2349-784X

4. Juhi Rohara, V.B. Gaikwad, “Data Hiding by Code word Substitution Encrypted H.264/AVC Video Stream,” International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169, Volume: 4 Issue: 4 571 – 57, April 2016, Available @ <http://www.ijritcc.org>
5. Armaan Suhel Shaikh, V. B. Gaikwad, “Volatile Organic Compound (VOCs) Monitoring and Alerting for Indoor Settings with MOS Sensor and Wireless Sensor Nodes”, IJournals: International Journal of Software & Hardware Research in Engineering ISSN-2347-4890 Volume 4 Issue 10 October, 2016.
6. Maddela Shireesha, V. B. Gaikwad, A comparative study of graphical and captcha based password authentication technique, IJAFRSE journal volume – 2 Special Issue Vivruti-2016
7. Imran Dilavar Naykude, Prof. V. B. Gaikwad, Dr. Ravish .R. Singh “Design and Implementation of an Efficient Image Retrieval System using Spatial Feature Reduction”, IOSR, Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834,p-ISSN: 2278-8735. Volume 10, Issue 4, Ver. III (Jul - Aug .2015), PP 31-36
8. Chandra Praksah , Prof. V. B. Gaikwad,” Analysis Of Emotion Recognition System Through Speech Signal Using KNN, GMM & SVM Classifier” International Journal Of Engineering And Computer Science ISSN:2319-7242 Volume 4 Issue 6 June 2015, Page No. 12523-12528.
9. Nazia Kausar, V.B.Gaikwad, “Developing Multi-Query Form for F-score Result”, IJEDR, Volume 3, Issue 1, ISSN: 2321-9939 Jan 2015, Page no. 243-247
10. Pramila Mate, H.K.Chavan , Vishvajit Gaikwad, “Android Based Continuous query Processing”, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 5, May 2014.
11. Bhawana S. Dakhare, Prof. U. V. Gaikwad, Prof. V. B. Gaikwad, “Spam detection using Email Abstraction”, IFRSA International Journal of Data Warehousing & Mining ,16-20, Vol 4, issue 1, Feb. 2014
12. Mr. Sudhir Dhekane, Prof. V. B. Gaikwad, “A Survey on Cross Site Scripting Attack Detection”, International Journal of Advanced and Innovative Research, ijair.jctjournals.com, IJAIR, Volume 2, Issue 11, November 2013
13. Mrs. Ibtisam Y. Mogul, Mr. V. B. Gaikwad, Mrs. Ujwala V. Gaikwad, “Restoration of Blurred Vehicle License Plates”, International Conference on Advances in Communication and Computing Technologies, PVPPCOE, Mumbai, 10-11 August – 2013
14. Maddela Shireesha, V. B. Gaikwad, “Performance Evaluation of CAPTCHA WORD RANKING Algorithm to Break Video CAPTCHA”, International Journal of Computer Application, Vol. 75, Issue 10 August 2013, ISSN: 0975-8887, pp 30-35

15. Ms. Sonali Sonavane, Prof. Alka Khade Prof. V. B. Gaikwad, "Localization & Segmentation of Indian Car Number Plate system: A Projection based Multistage Approach", International Journal of Scientific and Engineering Research (IJSER), Volume 4, Issue7, July 2013 Edition (ISSN 22295518)
16. Umesh B. Mantale Vishwajit B. Gaikwad, "Image Fusion of Brain Images using Redundant Discrete Wavelet Transform", IJCA, Volume 74/Number 4 2013 (ISBN: 973-93-80876-34-0)
17. Bhawana S. Dakhare, Prof. U. V. Gaikwad, Prof. V. B. Gaikwad, "Spam detection using Email Abstraction", International Journal Of Innovations in Engineering And Technology(IJiet), 33-39, Vol. 3 Issue 2 December 2013
18. Vaishali V. Sarbhukan, Prof. V. B. Gaikwad, "Video Fingerprint Extraction Using TIRI – DCT", International Journal of Engineering Research and Development, Volume 7, Issue 4, May 2013, pp 19-23 ijerd.com
19. Maddela Shireesha, V. B. Gaikwad, "A Novel Schema to Break Video CAPTCHA", International Journal of Scientific Research in Computer Science Applications and Management Studies, IJSRCSAMS, Volume 2, Issue 3 May 2013, ISSN 2319 – 1953
20. D. M. Bavkar, V. D. Khairnar, V. B. Gaikwad, "PAV: Parking Allotment for Vehicles using VANET", International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 2 Issue 2 March 2013
21. Vaishali V. Sarbhukan, Prof. V. B. Gaikwad , "TIRI-DCT based Video Copy Detection System", International Journal of Engineering and Applications Vol.2, Issue 6, Nov Dec 2012
22. Vaishali V. Sarbhukan, V. B. Gaikwad, "CBIR Retrieval from Multimedia Information", International Journal of Scientific Research in Computer Science Applications and Management Studies, IJSRCSAMS, ISSN 2319 - 1953 Vol 1, Issue 2 (Sept 2012) www.ijsrscams.com

Conferences and Workshops Publications:

1. Ms. Shilpa Veerasekaran , Prof. Alka Khade , Prof. V.B Gaikwad , "Using Persuasive Technology in Click Based Graphical Passwords", 2nd International Conference On Engineering Confluence 30th September & 1st October 2015, page no. -206-213, (also published in IJTRA)
2. Ujwala Gaikwad, Vishwajit Gaikwad, Dr. Kamal Shah, "Survey on MRI Image Segmentation for Cancer Detection", International Conference on Intelligent Systems and Communication Networks (IC-ISCN – 2019)
3. Vishwajit B. Gaikwad, Ujwala V. Gaikwad, "Emotion Classification in Speech Signals Using Feature Space Reduction and SVM", International Conference on Intelligent Systems and Communication Networks, (IC-ISCN-2019)

4. Maddela Shireesha, V. B. Gaikwad, “Web Application Vulnerabilities”, International Conference on Advanced Computer Engineering and Applications, ICACEA-2012, by ird, India at Bhopal on 30th September 2012
5. Ibtisam Y. Mogul, Prof. Ujwala V. Gaikwad, Prof. V. B. Gaikwad, “Restoring Natural Images”, International Conference on Computer Science and Engineering (ICCSE) Pune, April 2013
6. Sujata T Bhairnallykar, Prof. V. B. Gaikwad, “Content Based Medical Image Retrieval using Relevance Feedback”, National Conference on Nascent Trends in Information Technologies and Communication Technologies, equinox 13, 11-13/3/2013
7. Ibtisam Y. Mogul, Prof. Ujwala V. Gaikwad Prof. V. B. Gaikwad, “Deblurring of Natural Images”, National Conference on Nascent Trends in Information Technologies and Communication Technologies, equinox 13
8. Vaishali V. Sarbhukan, Prof. V. B. Gaikwad, “Content Based Fingerprint Extraction Using TIRIDCT”, National Conference on Nascent Trends in Information Technologies and Communication Technologies, equinox 13
9. S. R. Janrao, Prof. V. B. Gaikwad, “Mobile Reverse Auction Agent System MoRAAS”, National Conference on Nascent Trends in Information Technologies and Communication Technologies, equinox 13
10. Ms. Sonali Sonavane Prof. Alka Khade Prof. V. B. Gaikwad, “Blob coloring based Indian Car Number Plate Recognition system using Support Vector Machine”, National Conference on Nascent Trends in Information Technologies and Communication Technologies, equinox 13
11. Siddhi Patade, V.B. Gaikwad, “Super-Resolution-Based Impainting”, 1 st International Conference On Engineering Confluence 30th September & 1st October 2014
12. Sushil Gawade, V.B.Gaikwad, “Shuffled Adaptive Edge Image Steganography Using LSB Matching Revisited” equinox 2014, 1 st International Conference On Engineering Confluence 30th September; 1st October 2014
13. AL Khade, BG Hogade, VB Gaikwad , “Secret communication via image hiding in image by pixel value differencing”, Proceedings of the International Conference and Workshop on Emerging Trends in Technology, 2010.

Research and Scholarly Contributions:

- **M. E. Research:** more than 26 students completed M. E.

Software Tools:

1. Matlab

2. Java
3. C, C++,
4. .net

Professional Association:

- Indian Society of Technical Education (ISTE) - Life Member

Experience:

- Completed 26 years in Terna Engineering College, Nerul

Responsibilities Handled:

- Exam In charge
- Conference
- Project Coordinator

Talks/Guest Lectures Delivered:

1. Delivered session in Faculty development programs

Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

Vishwajit B Gaikwad Faculty

Name

Place: Navi Mumbai