

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

Ph.D. (Technology (I.T.))

Designation: Assistant 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**
Mumbai University
- **Master of Technology (Computer), 2007**
VJTI, Mumai University, Maharashtra
- **Bachelor of Computer Engineering, 1998**
Walchand Institute of Technology, Solapur, Shivaji University, Maharashtra

Short Biodata:

Reviewer:

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

Major Subjects:

- Image Processing, System Security, Human Machine Interaction, programming, etc.

Citation Analysis:

5 citations (h-index 1 and i10-index 0) in google scholar

<https://scholar.google.co.in/citations?hl=en&user=56TyDYAAAAAJ>

List of Publication:

Journal Publications:

1. Ujwala Gaikwad, Dr Kamal Shah, “Hidden Markov Random Field Model based VGG-16 for Segmentation and Classification of Head and Neck Cancer”, International Journal of Intelligent Engineering and Systems, (SCOPUS indexed journal), Vol 17, no 1, pp 711-720, Jan 2024
2. Ujwala Gaikwad, Dr. Kamal Shah, “Analysis of Automatic Head and Neck Cancer Image Segmentation Using Machine Learning”, NOVYI MIR Research Journal, Volume 8, Issue 7, July 2023 pp 422-431. (UGC Care II journal)
3. Mrs. Vaishali. A. Chate, Mrs. Ujwala V. Gaikwad, "ANALYSING TWEET SENTIMENTS BY APPLYING MACHINE LEARNING ALGORITHMS: A CASE STUDY FOR BANKING STOCKS", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.9, Issue 3, Page No pp.214-219, July 2022
4. Ujwala Gaikwad, Dr Kamal Shah, “Cancer Tissue Segmentation in Various Conditions with Semiautomatic and Automatic Approach”, Springer book “Advanced Prognostic Predictive

Modelling in Healthcare Analytics” for book Series “Lecture Notes on Data Engineering and Communications Technologies”, e-Book ISBN 978-981-16-0538-3.

5. Vrushali Patil, Shubham Lohar, Nilesh Kharatmol, Jay Shimpi, Ujwala Gaikwad, "MARKET PLACE FOR CAR BUYING AND SELLING", International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.10, Issue 4, pp.e369-e376, April 2022,
6. Sahil Pandita, Aswanth Surendran, Rishiraj Thadeshwar, Ashish Nahak, Prof. Ujwala Gaikwad, "Browser Based Code Editor", International Research Journal of Engineering and Technology (IRJET) Volume: 08 Issue: 05 | e-ISSN: 2395-0056 May 2021
7. Pooja Rangrao Patil, Balamurali Kumaresan Valluvan, Amol Dinkar Garje, Supriya Arun Jagare , Prof. Ujwala Gaikwad, Market Place For Health Solution, International Research Journal of Modernization in Engineering Technology and Science, Volume:02, Issue:06, June-2020
8. Ms. Mrudula Bapat¹, Ms. Prachi Jirimali², Ms. Shravani Tapole³, Prof. Ujwala Gaikwad, "Classification of Cancer Images using Deep Learning", International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03 e-ISSN: 2395-0056 Mar 2020
9. Madhuri Kamble, Ujwala Gaikwad, "Detecting Sybil Nodes", International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org Volume 7 Issue 7 Ver IV, July 2018, PP 61-65
10. Priya Nagwekar, U.V. Gaikwad, Remotely sensed knowledge based change detection for several land cover optimization, International Journal for science and advanced Research in technology (IJSART) e-ISSN: 2395 -1052 paper id: IJSARTV4I422672| www.ij Sart.com| Volume: 04 Issue: 04 | Apr -2018
11. Rajan Moravkar, Ujwala Gaikwad, "Spam Zombie Detection and Blocking Mechanism", International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 5 Issue 11 Nov. 2016, Page No. 19119-19123
12. Sadaf Pathan, Divya Borkar, Nikhil Chavan, Prasad Gaikwad, Ujwala Gaikwad. "A Survey on Smart Ration Card System", International Journal of Advance Research, Ideas and Innovations in Technology, Volume 4, Issue 2, March 2018
13. Swapnali Anil Balshankar, Harshada Pacharane , Vicky Bobade , Gauri Gherde Ujwala Gaikwad, "A survey on the security of multimedia contents with dual level encryption", International Journal of Advance Research, Ideas and Innovations in Technology, Volume 4, Issue 2, March 2018
14. Harshada Sonkamble, Prof. Ujwala.V. Gaikwad, "Emotion Recognition Based on Efficient Self Organized Map", International Research Journal of Engineering and Technology (IRJET) Volume: 04 Issue: 04 | Apr -2017
15. Swati Shishupal, Ujwala Gaikwad, "Implementation of GA-based Approach with Reduced RSA Encryption Security for Audio Steganography", INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) Volume 04, Issue 01 (January 2015)

16. 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
17. 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

Conferences and Workshops Publications:

1. Ujwala Gaikwad, Dr. Kamal Shah, “Pre-Processing of MR Images for Image Analysis” , International Conference on Recent Advances in Technology, Engineering, Science and Management-2023 (ICRATESM-2023), July 16-17, 2023.
2. Vaishali Chate, Ujwala Gaikwad, “Forecasting corporate revenue by using deep learning methodology”, International Conference on Intelligent Computing & Networking (IC-ICN-2021), February- 2021.
3. 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)
4. Vishwajit B. Gaikwad, Ujwala V. Gaikwad, “Emotion Classification in Speech Signals Using Feature Space Reduction and SVM”, MULTICON-W: IC-ISCN-2019
5. Harshada Sonkamble, Prof. Ujwala.V. Gaikwad “Emotion Recognition Based on Efficient Self Organized Map”,International Conference on Nascent Trends in Information and Communication Technologies, Terna Engineering College Equinox 1st Oct 2015.
6. 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
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

STTPs FDPs organized

1. ISTE approved one week STTP on “Cyber Security and Digital Forensic”, during 3rd to 7th January 2017, Terna Engineering College, Nerul
2. AICTE- ISTE approved two week Workshop on “Probability and Statistics for Scientists and Engineers” from 18 th June 2018 to 29 th June 2018.
3. AICTE - ISTE approved STTP on “Hands on Python Training” 1st to 5th January 2018

Research and Scholarly Contributions:

- **M. E. Research:** 7 students completed M. E.

Software Tools:

1. Matlab
2. Java
3. C, C++,

Professional Association:

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

Experience:

- Completed 16 years in Terna Engineering College, Nerul

Responsibilities Handled:

- NBA coordinator
- WDC member
- Project Coordinator
- Mini project coordinator
- Class advisor

Talks/Guest Lectures Delivered:

1. Conducted workshop on MS Excel to non-teaching staff of Terna Engineering College.
2. Conducted workshop on MS Excel for students of Terna Engineering College.

Declaration

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

Ujwala Vishwajit Gaikwad
Faculty Name

Place: Navi Mumbai