

**Name:**

Prof. Manisha Vinayak Marathe

Designation:

Assistant Professor

Contact Details:

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Educational Qualifications:

- M.Tech. (Computer Engineering), BVUCOE, Pune, June 2010.
- B.E. (Computer), Shivaji University, Kolhapur, July 1997

Experience:

- Teaching: 18 Years

Research Interests:

- Machine Learning

Research Projects:

Translation of simple English interrogative sentences to Marathi sentences, funded by BCUD, Savitribai Phule Pune University, Year 2007-09.

Number of Publications:

International Journal: 04

International Conference: 12

National Conference: 01

Number of FDPs / STTPs organized: 03

Number of Workshops organized: 01

Number of Conferences / Seminars organized: - 03

Number of FDPs / STTPs attended: 35

Number of Workshops attended: 05

Number of Conferences / Seminars attended: 03

Number of Online Certification Courses done: 07

Number of Webinar attended: 02

Number of times served as a Reviewer / Judge: 03

Details of Research papers published:

- Combining Context-Free and Contextualized Representations for Arabic Sarcasm Detection and Sentiment Identification, 12th International Workshop on Health Text Mining and Information Analysis, published by Association for Computational Linguistics, 2021
- PVG at WASSA 2021: A Multi-Input, Multi-Task, Transformer-Based Architecture for Empathy and Distress Prediction, Eleventh Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis, published by Association for Computational Linguistics, 2021
- Combining Context-Free and Contextualized Representations for Arabic Sarcasm Detection and Sentiment Identification, Sixth Arabic Natural Language Processing Workshop, published by Association for Computational Linguistics, 2021
- Personalized Newspaper Based on Emotional Traits Using Machine Learning, IEEE Conference, ICCUBE, Sept 2019
- Machine Learning Based Cultural Suitability Index (CSI) for Right Task Allocation, Third IEEE International Conference ICECCT 2019
- Real-time 3D Environment Reconstruction Using Vision Sensor for Robotics Application, Journal of Emerging Technologies and Innovative Research (JETIR), 2018

- Extended Security Solution for Women Based on Raspberry Pi, Artificial Intelligence and Evolutionary Computations in Engineering Systems, Springer Singapore, 2018
- Sarcasm Detection Using Recurrent Neural Network, IEEE, Second International Conference on Intelligent Computing and Control Systems (ICICCS), 2018
- Improving software quality with agile testing, International Journal of Computer Applications, 2010
- Extracting content blocks from web Pages, International Journal of Recent Trends in Engineering, Academy publisher, 2009
- Translation of simple English interrogative sentences to Marathi sentences, ICWET, ACM , 2010

Details of FDPs / STTPs attended in last 5 years:

- FDP on Interactive Teaching Learning Strategies with Affective & Cognitive Approach (ITLS), organized by Dept of ENTC, PVGCOET, Pune during 21st to 25th June 2021
- Faculty Development Seminar on “The Art of Writing Research Papers & The Hidden Tricks of the Publication Process” organized by Department of Computer Engineering, Pimpri Chinchwad College of Engineering, Pune, on 01st February 2021.
- One day FDP on Principles of Programming Languages SE 2019 Syllabus organized by NBN SSoE, Pune on 25/1/2021
- Online STTP on ‘Blockchain and its applications’ sponsored by AICTE organized by DYP Institute of Technology, Pimpri during 14/12/2020 to 19/12/2020
- Inculcating Universal Human Values in Technical Education by AICTE, organized during 26/10/2020 to 30/10/2020
- Two week FDP on PYTHON Programming , An initiative of Electronics and Information Technology, Government of India recognized by AICTE/ UGC held by IITDM Jabalpur during 7/9/2020- 18/9/2020
- Technical Training Program on Machine Learning using OpenCV by IETE, Mumbai and Pantech during 31/8/2020 to 4/9/2020
- One day FDP on Data Structure LAB SE 2019 Syllabus organized by Bharati Vidyapeeth’s COE, Lavale on 8/7/2020

- One day FDP on Fundamentals of Data Structure SE 2019 Syllabus organized by PICT, Pune on 3/7/2020
- One week FDP on Data science with R for data analytics organized by Sharad Institute of Technology, COE, Ichalkaranji during 4/6/20 to 9/6/20
- National Level Online workshop on “Python Programming and Applications in AI and Data Science” organized by KK Wagh Institute of Engineering Education and Research , Nashik during 28/05/20 to 30/05/20
- One week FDP on “Drupal” organized by Computer Engineering Dept. , PVG’s COET, Pune,
Spoken tutorial , IITB during 18/5/2020 to 22/5/2020
- Two week FDP on “JAVA”, organized by SAE, Kondhwa , Spoken tutorial , IIT Bombay during 4/5/20 to 15/5/20
- One week FDP on “Python”, organized by RCPET’s Institute of Management Research and Development, Spoken tutorial, IIT Bombay during 21/4/20 to 27/4/20
- FDP on “Data Science”, supported by FDP Centre in cyber security and data sciences , Shivaji University, Kolhapur hosted by Cummins COE , by PMMMNMTT, MHRD , India during 2/12/19 to 7/12/19
- FDP on “IOT” , organized by PVG’s COET, Pune held on 8/11/19
- Moodle Learning System, PMMMNMTT, MHRD organized by PVG’s COET, Pune on 15 March 2019
- FDP on “Cyber Security ” organized by PVGCOET, Pune, Computer Engg. & IT Department, FDC PMMMNMTT during 26 Feb-4 Mar 19
- Syllabus revision Meet for BE computer syllabus revision , held by APCOE & R, Pune in association with BOS computer on 30th Jan, 2018

Major Portfolios Handled: (college level and department level)

- Head of the department
- Academic coordinator
- Girls empowerment cell
- NBA coordinator
- Timetable in charge
- Spoken tutorial
- Infosys Campus Connect