Name:

Prof.Mrs.Kshama Satish Balbudhe

Designation:

Assistant Professor

Contact Details:

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Educational Qualifications:

- M.E. (Computer Engineering), SPPU, Pune University, Pune, May 2014.
- B.E. (Computer Technology), Nagpur University, Nagpur, May 2003

Experience:

- Teaching: 16 Years

Research Interests:

- Pattern Recognition
- Image processing

Number of Publications: 12

- International Journal: **10**
- International Conference: **02**

Seminars organized: **06 (Guest lectures)**

Number of FDPs / STTPs attended: **FDP: 16   STTP: 01**

Number of Workshops attended: **04**

Number of Online Certification Courses done: 04

Number of Webinar attended: 04

Number of times served as a Resource Person: 02

Details of Research papers published:

- "Performance Analysis of Chain Code Description for Hand Shape Classification", International Journal of Computer Graphics and Animation, 2014.
- "Cloud Based Cultivation Management System", Advances in Computer Science: an International Journal, 2015.
- "A Survey on Handwritten Character Recognition of Indian Scripts", IJIRCCE,2016
- "Elastic resources provisioning in cloud computing service", Journal of Engineering Applied Sciences and Technology, 2016.
- "Driver's Drowsiness Detection Using Image processing", International conference on ISMAC in Computational Vision and Bio-Engineering, 2018.
- "Mobile Application Review Classification Using Machine Learning Approach", International Journal of Innovative Research in Science, Engineering and Technology, 2019
- "E-Voting System using Blockchain Technology for Distributed Environment", International Journal Of Innovative Research In Science, Engineering And Technology, 2019.
- "Blockchain and Verification with Smart Contract for Digital Certificate" International Journal Of Innovative Research In Science, Engineering And Technology, 2020.
- "Android Malware Detection Using Machine Learning Technique", International Journal Of Research and Analytical Reviews, 2020.
- "Two Level Hierarchical Classification Model for Identification of Speaker using Deep Learning", International Research Journal of Engineering and Technology (IRJET),2021
- "Cat Breed Classification Using Convolutional Neural Network", International Journal of Innovative Research in Computer and Communication Engineering, 2021.

Details of FDPs / STTPs attended in last 5 years:

- "Emerging Paradigms in AI and DS", organized by VIT,Pune in Association with NVIDIA Network Partner Vintech Electronics System Pvt. Ltd. and Obvious AI, 16th to 20th August 2021.

- Faculty Orientation Programme on the revised syllabus SE-IT (2019 Course) Sem-II for the Subject "Software Engineering" ,organized by MMCOE in association with Board of Studies Information Technology, Savitribai Phule Pune University, Pune,1 February 2021

- Research Trends in Computer Engineering and Information Technology (RTCEIT-2021), organized by SKNCOE, Pune, 4 to 9 January 2021.

- Advanced Trends and Practices in IT, Department of Information Technology, organized by Sinhgad Academy of Engineering, 8 to 12 December 2020.

- STTP-Blockchain and its Applications, organized by D. Y. Patil Institute of Technology, Pimpri, 14 to 19 December 2020

- Outcome based Education ,organized by PVG's COET, Pune

- Online Faculty Orientation Programme (FOP) on "Project Based Learning (PBL)" of SE-IT (2019 course), organized by SKN COE, Pune, 29/01/2021

- Faculty Orientation Programme on the new curriculum of SE IT (2019 Course) for the subject "Logic Design and Computer Organization, Logic Design and Computer Organization Laboratory, organized by Bharati Vidyapeeth's College of Engineering for Women, Pune,
  30 June2020.

- Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop, organized by IIT Bombay on 23 may 2020.

- One Week Online FDP on "Java", organized by PVG's COET, Pune, 18th may to 22nd May 2020.

- One Week Online FDP on "DRUPAL", organized by PVG's COET, Pune, 18th may to 22nd May 2020.

- "Python" under Spoken Tutorial, organized by PVG's COET, Pune, 13 and 14 August 2019.

- IOT, organized by PVG's COET, Pune, 8 November 2019.

- Programming and problem Solving, organized by SKNCOE (Vadgaon) and MMIT (Lohgaon) Pune in association with BOS, Computer Engineering, SPPU, Pune, on 25 and 26 July 2019.
- Moodle Learning Management System, organized by PVG's COET, Pune, 15 March 2019.
- Revised BE IT (2015 Pattern) Syllabus orientation, organized by JSPM's BSIOTR, Wagholi, Pune, 14 June 2018.
- Design and Analysis of Algorithm, organized by MIT College of Engineering, Pune, 18 to 23 December 2017.
- TE IT2015Sem-II-syllabus Orientation, organized by Zeal College of Engineering and Research, 6 December 2017.

Major Portfolios Handled: (Department level)
- Alumni Coordinator
- NSS Coordinator
- Spoken tutorial Coordinator
- Vlab Coordinator