

Name:

Prof. Mrs. P. S. Deshpande

Designation:

Assistant Professor

Contact Details:

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Educational Qualifications:

Ph.D. Pursuing

M.E. (E & TC, Signal Processing), Pune University, Pune, May 2011.

B.E. (Electronics), Shivaji University, Kolhapur, May 2003

HSC, New College Kolhapur, 1999

Experience: Teaching 16 Years**Research Interests:**

- . AI/ML
- VLSI Design & Technology

Number of Publications:

International Conference: 02

National Conference:02

Professional Society Memberships:

- . ISTE Membership Number: LM378



Number of FDPs / STTPs organized: 01

Number of Workshops organized: 03

Number of Conferences / Seminars organized: 12

Number of FDPs / STTPs attended: 18

Number of Workshops attended: 12

Number of Conferences / Seminars attended: 15

Number of Online Certification Courses done: 04

Number of Webinar attended: 21

Number of times served as a Resource Person: 05

Number of times served as a Reviewer / Judge:02

Details of Research papers published:

- “Disease detection for Grapes: A review” 3rd International conference On Computational Intelligence (ICCI 2022) held at IIIT Pune, India between 29th December 2022 to 30th December 2022. After Conference Proceedings is published in Springer Book Series “Algorithms for Intelligent Systems” Indexing of the Proceedings: Indexed by zbMATH. All books published in the series are submitted for consideration in the Web of Science. Details Chapter Title: Disease Detection for Grapes: A Review

Book Title: Proceedings of International Conference on Computational Intelligence Chapter DOI10.1007/ 978-981-99-2854-5_5

- “Review Of AES Implementation strategies on FPGA”

National Conference on “Futuristic Applications in Electronics Engineering” held at AISSMS, Pune, 10th and 11th March 2011.

- “AES Encryptor Implementation On FPGA”

National Conference on “Information and Communication technology” held at RSCOE, Pune, 26th and 27th May 2011

- " High throughput Sub Pipelined Implementation Of AES Algorithm."

2011 IEEE International Conference in Communication and Information technology,
Kanyakumari, 11-15 December 2011

Details of books / book chapters published:

- Springer Book Series "Algorithms for Intelligent Systems"
- Book Title: Proceedings of International Conference on Computational Intelligence
- Chapter Title: Disease Detection for Grapes: A Review
- Chapter DOI10.1007/ 978-981-99-2854-5_5

Details of FDPs / STTPs attended in last 5 years:

- Completed 12 weeks NPTEL (MHRD) Online Certification on " Deep Learning" Jan to April 2023. Received NPTEL ONLINE Certification on Deep Learning, Topper among 2% toppers.
- Attended and worked as Resource Person in Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&TC) for Fiber Optics Communication, Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering at PVG's COET & GKPIOM between 30th January 2023 to 01 February 2023
- Attended Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&TC), for VLSI Design & Technology Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Sinhgad College of Engineering, Pune between 14 July 2022 to 16 July 2022.
- Attended and Worked as a Resource Person in the "Virtual Labs Outreach Workshop" for the faculty of all Disciplines of Polytechnic Institutes Organized by PVG's COET & GKPIOM, Virtual Labs Regional Center (Pune) RCID 01 & Nodal Center 20 In Coordination with Virtual Labs-Indian Institute of Technology Bombay Jointly with Regional Center (MSU-Baroda, MIT-Marathwada, DYP-Navi Mumbai) & Nodal Centers (VIT- Mumbai, AISSMS Polytechnic Pune, MSU-Baroda) On Friday, 24th September 2021

- Attended One week Faculty Development Program on “Interactive Teaching Learning Strategies with Affective & Cognitive Approach (ITLS)” organized by Department of Electronics and Telecommunication Engineering at PVG’s COET & GKPIIM, Pune from 21st to 25th June 2021.
- Attended FDP on VLSI Design and Technology B.E (E&TC) Revised course 2019 on 30th July 2021 and 31st July 2021.
- Attended an online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 12-16 October, 2020 organized by All India Council for Technical Education (AICTE).
- Attended Faculty Orientation Workshop on SE (E&TC/Elex) Revised Syllabus 2019C organized by Imperial college of Engineering, Wagholi from 22/06/2020 to 26/06/2020
- Completed the Bodhi Tree and SAFE Tools For Effective Online Teaching: A Hands on Workshop through Bodhi Tree, IIT Bombay funded by MHRD. Govt. of India on 21/06/2020
- Attended FDP on Linux by Dept of E &TC, PVG’s COET, from 25th May to 29th May 2020
- Attended FDP on Scilab Organised by Dept of E &TC, PVG’s COET, from 18th May to 22nd May 2020
- Attended MHRD Innovation Cell IIC sessions on Entrepreneurship and Startups (Total 17 Sessions) in May 2020.
- Organized 2 days’ workshop for SE E & Tc students on “Python for data Sciences” in collaboration with ‘AI Adventures ‘ from 3rd March 2020 to 4th March 2020.
- Participated in One day Workshop on Moodle Learning Management System at PVG’sCOET on 15th March 2019
- Participated in one day MATLAB hands-on session by MATLAB: Simulink and Antenna Toolbox at PVG’sCOET on 30th January 2019.
- Attended 2 days Faculty Development Program on Broadband Communication systems (2015 Revised Syllabus) at PCCOE, Ravet in December 2018.

Major Portfolios Handled: (college level and department level)

College Level

- Students Welfare Officer
- Assistant students Development officer
- Kirloskar Vasundhara Coordinator
- Girls Empowerment and Development Coordinator
- Worked as Faculty coordinator for Organizing International conference on Gender equality and Women Empowerment ICGEWE 2023.
- Activity In charge for Annual gathering

Department Level

- Telecommunication Engineering Students Association TESA Coordinator
- Training and Placement Coordinator
- Student Internships coordinator
- Virtual Lab Coordinator
- Online Exam Coordinator
- Faculty Recreational activities coordinator

Role in University Bodies

- BOS-FDP Resource Person BE subject
- External & Internal Examiner
- Paper Assessment at CAP
- Senior Supervisor