

Ms.Vaishali Arjun Sanap

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**Professional Objective:**

To achieve high career growth through a continuous learning process and keep myself dynamic, visionary and competitive with the changing scenario of the world.

Academic Details:

- Masters in Electronics and Telecommunication Engineering (Microwave) from AVCOE. College of Engineering, Sangmaner under SPPU, Pune.
- Bachelor of Electronics and Telecommunication Engineering from PVPIT. College of Engineering, Pune under SPPU, Pune.

Employment Details:**Teaching Experience:**

1.8 Years

Current Designation

Assistant Professor (Department of E&Tc Engineering)

Name of Employer:

Matoshri College of Engineering and Research Center, Nashik

Date of Joining: (current institute)

14 October 2024.

Interest

Electronics, Digital Electronics

Projects Undertaken:

- Moving Object Detection and Tracking Using Optical Flow. M.E. (E&TC)
- Microcontroller Based Embedded system for Safety Arming Mechanisms. B.E. (E&TC)
- Data Acquisitions for Automatic Gun Control System. T.E. (E&TC).

Other Experience:


- Working as a Assistant Professor at SNJB'S Late Sau KBJ College of Engineering Chandwad from 11/4/2023 to 13/10/2024.

Subjects taught

- Basic Electrical Engineering
- Digital Electronics

MOOC/AICTE FDPs/Certificate Courses**NPTEL**

Successfully completed NPTEL online certification for subject "Effective Engineering Teaching In Practice" (Jan-Feb 2024)

FDPs	<p>Completed online FDP on “Outcome Based Education” by SNJB,S Late Sau KBJ COE Chandwad from 29/4/2024 to 4/5/2024.</p> <p>Completed online FDP on “Semiconductor Fabrication Technology” by D. Y. Patil International University Akurdi Pune From 9/12/2024 to 14/12/2024.</p> <p>Completed online FDP on “Effective Communication Strategy” by Skillath on Jito Foundation From 15/7/2023 to 21/7/2023.</p> <p>Completed online FDP on “Lifestyle Skills for Success” by Skillath on Jito Foundation From 15/7/2023 to 21/7/2023.</p>
<p> Conferences/Workshop/Seminars/STTP attended: 08</p>	
Publications/ Presentations	<ul style="list-style-type: none"> • Participated in Paper Presentation on Topic “Voting base motion estimation for real time video transmission in network mobile camera systems” in Self Reliance at aerospace sector at HAL , Nashik in Nov 2014. • Paper Published on topic “Motion detection by image subtraction” In Int .Journal of Scientific Progress and Research Nov 2014 . • Paper Published on topic “Survey of moving object detection” In International Journal of Modern Trends in Engineering and Research Nov 2015. • Paper Published on Topic “An Analysis Designing Handover Authentication Method for 5G Networks” In Journal of Electrical Systems 20-3 (2024): 6421-6427.2024.
Conferences/Workshop/Seminars/STTP attended:	<ul style="list-style-type: none"> • Participated in National level seminar Design & Analysis of Microwave Antennae held at AVCOE, Sangmaner. • Participated in Nirbhay Kanya Abhiyan Organized by Pimpri Chinchwad College of Engineering Nigadi, Pune. • Attended Workshop on Advances in Communication Technologies, 4G & Beyond. • Attended Practical Session On hands on CADFEKO, a comprehensive electromagnetic solution. • Completed crash course on advanced robotics held at MIT, Kothrud Pune.. • Participated in the “Rob core Workshop” Organized by Smt. Kashibai Navale COE Pune. • Presented and Published Paper in International Conference on Recent Trends In Engineering and Technologies on topic “E-Crime Alert” in July 2015. • Presented and Published Paper in International Conference on Innovations and technological Developments in Computer Electrical and Mechanical Engineering on topic “Moving Object Detection by using Optical Flow” in Dec 2015.
Weblinks:	
Website	https://engg.matoshri.edu.in/academics/electronics
Google Scholar	https://scholar.google.com/citations?view_op=new_articles&hl=en&imq=Vaishali+Sanap&authuser=1#