

**NAME: Mrs. Vishakha Santoshkumar Chobe**



**Designation:** Assistant Professor

**Email ID:** vishakha.chobe@dpu.edu.in

**Qualification:** M.E

**Area of Specialization:** Digital Systems

**Research Interest:** Speech Recognition, Machine Learning, Image Processing

**EDUCATIONAL QUALIFICATIONS: B.E.(Electronics), M. E. (Digital Systems)**

- **M.E.** (E&TC) (Digital Systems) (November 2014)  
Jayawantrao Sawant College of Engineering, Hadapsar, Pune. CGPA- **7.15**
- **B.E.** (Electronics) (August 2003)  
K. B. Patil College of Engineering Satara. Marks- **61.60 %**
- **H.S.C.** from Pune Board (March 1998)  
Shri. Shivaji Mahavidyalaya, Barshi. Marks- **67.67 %**
- **S.S.C.** from Pune Board (March 1996)  
Sulakhe High School, Barshi. Marks- **76.80 %**

**ACADEMIC AND RESEARCH EXPERIENCE:**

**1. Worked as Assistant Professor**

**Duration :** January 2024 till date.

**Employer :** Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Tathawade Pune

**2. Worked as Assistant Professor (Visiting Faculty)**

**Duration :** October 2023 to December 2023.

**Employer :** Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Tathawade Pune

**3. Worked as Lecturer**

**Duration :** December 2017 to January 2022.

**Employer :** JSPM's RSCOE Polytechnic, Tathwade, Pune

**4. Worked as Lecturer**

**Duration :** December 2007 to May 2016.

**Employer :** Y. B. Polytechnic, Pune.

**5. Worked as Faculty**

**Duration :** December 2004 to November 2005.

**Employer :** Promtech Computers, Barshi

**6. Worked as Faculty**

**Duration :** September 2003 to November 2004.

**Employer :** Prime Computers, Barshi.

**AWARDS AND ACHIEVEMENTS: Nil**

**REVIEWER: Nil**

**INTERNATIONAL ADVISORY COMMITTEE MEMBER: Nil**

**SCIENTIFIC COMMITTEE MEMBER: Nil**

**PUBLICATIONS:**

1. Vishakha S. Chobe, "Text Independent Speaker Identification using VQ Decision /GMM Model", International Journal of Engineering and Extended Technologies Research (IJEETR), Vol-3, Issue -6, June 2014.
2. Vishakha S. Chobe, "Improved Performance Based Method for Text Independent Speaker Identification", National Level Technical Paper Presentation, on 14<sup>th</sup> and 15<sup>th</sup> March 2014.
3. Presented a paper in ePGCON 2014, conference organized by University of Pune and G.H.Raisoni Institute of Engineering and Technology, Pune on 14<sup>th</sup> to 15<sup>th</sup> March 2014.
4. Attended university level conference, ePGCON 2013, organized by University of Pune and MIT Academy of Engineering, Alandi on 4<sup>th</sup> to 5<sup>th</sup> April 2013.

**COURSES TAUGHT:**

- Python for Biologists
- Maths II:Statistics
- Digital Electronics
- Linear Integrated Systems
- Basic Electronics
- Electronic components and applications
- Microprocessor

#### **BOOK CHAPTERS:**

Vishakha Chobe, Madhavi Mali, Shuchi Nagar, GS Golsmith, Dimple Davray. Comprehensive protocol for Statistical Analysis in Biotechnology Research. Nova science Publishers-2025 (submitted)

#### **CONFERENCE PROCEEDINGS:**

1. Suhasini B., Monisha N., Ganesh Ram., Viranjetha Chintalu, Vishaka Chobe, Minal Wani, 2025. Variability and Correlation Analysis of Starch-Related Biochemical Parameters in Sorghum (*Sorghum bicolor* L.) IEEE GC4T-2025 DYPSST. Pune India. (Accepted).
2. Gunaseelan Goldsmith\*, Rujula Sadanand Deoghare, Vishakha Chobe, Shuchi Nagar, Satish Sasikumar, Nilay Mitash\*, 2025 Inhibition of TEAD2 to combat pulmonary fibrosis. IEEE GC4T-2025 DYPSST. Pune India. (Accepted).

#### **CERTIFICATIONS:**

NPTEL certification on “Digital Electronics Circuits”

**EPIGEUM (Research Skill Courses): Nil**

**CONFERENCES (Abstracts/Oral/Poster): Nil**

#### **WORKSHOPS/FDP/STTP:**

1. Attended two days FDP on “Basic Teaching Technology workshop “organized by Dr. D. Y. Patil Vidyapeeth’s University Centre for Professional Education and faculty Development (UCPE&FD) and IQAC from 15<sup>th</sup> to 16<sup>th</sup> January 2025.

2. Passed NPTEL examination on “Digital Electronics Circuits” in April 2021.
3. One Week Online FDP on “Industrial Automation” approved by DTE & MSBTE & sponsored by IEI local center, Nanded in association with Department of Electrical Engineering, Government Polytechnic Nanded from 20<sup>th</sup> to 24<sup>th</sup> July 2020.
4. Attended One Week Online FDP on “Effective Use of ICT Tools in Teaching Learning Process” organized by Government Polytechnic, Malvan from 8<sup>th</sup> June to 12<sup>th</sup> June 2020.
5. Attended One Week Online FDP on “NBA Norms & Preparation of SAR-Criteria 1- 9” conducted by Rajarmbapu Institute of Technology, Rajaramnagar and sponsored by MSBTE, Mumbai from 25<sup>th</sup> May to 29<sup>th</sup> May 2020.
6. Attended in the two weeks International Faculty Development Program on “Emerging Trends in Industry 4.0” technically sponsored by ACM Student Chapter and organized by Computer Engineering Department, JSPM's Rajarshi Shahu College of Engineering, Pune, Maharashtra, India from 18<sup>th</sup> May 2020 to 29<sup>th</sup> May 2020.
7. Attended Faculty Development Training Program on “Online Platforms for Distance Education” organized at Rajarmbapu Institute of Technology, Rajaramnagar during 12<sup>th</sup> May to 14<sup>th</sup> May 2020.
8. Attended one week Online Faculty Development Program on “eSIM” which is an open source EDA tool for circuit design, simulation, analysis and PCB design organized by Y. B. Polytechnic, Akurdi in association with Spoken Tutorial, IIT Bombay during 26/05/2020 to 30/05/2020.
9. Attended One week Online FDP on “Outcome Based Education & NBA Accreditation Process” organized by Rajarmbapu Institute of Technology, Rajaramnagar during 04<sup>th</sup> to 08<sup>th</sup> May 2020.
10. Attended one day workshop on “Applications of Mechatronics” at Sou Venutai Chavan Polytechnic, Vadgaon.
11. Attended one week STTP On “PCB DESIGN” at Bhivrabai Sawant Polytechnic, Wagholi.
12. Attended one week training in “Content updating On Simulation Software”, at Thakur Polytechnic, Kandivali, sponsored by MSBTE.
13. Attended a three days workshop on “Speech Signal Processing”, at RSCOE, Tathawade, Pune.
14. Attended a two days FDP on “Soft skills: A Tool for Personal and Professional Competence”, at Y. B. Patil Polytechnic, Akurdi, Pune.

### **BIOINFORMATICS AND BIOTECHNOLOGY SKILLS:**

- **Python**
- **Statistics**
- **C**
- **C++**
- **MATLAB**