

SHIRIN HIJAZ MATWANKAR Assistant Professor, Department of Computer Engineering, FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi, Navi Mumbai E-mail id: shirin.matwankar@fcrit.ac.in		
---	---	--

Career Objectives

A dignified academic professor with 9 years of varied experience; has established following and an in-depth knowledge in the discipline of programming; has developed an extensive way of teaching for engineering bachelors in the area of technical skills along with industry required skills such as soft skills, communication skills, and interpersonal skills along with its effective implementation in society; Specialized in getting students to understand the practical side of subjects, detail-oriented and organized project work with creative mind-set; Committed faculty member, passionate about working to further the education offering of an institute.

Academic Details

Degree/Course	School/College	Board/University	Year	Marks/Div.
Ph.D. (Computer Engineering)	Bharati Vidyapeeth (Deemed to be University), College of Engineering, Pune	Bharati Vidyapeeth (Deemed to be University), Pune	2024 -2025	Pursuing
M. E. (Computer Engineering)	Lokmanya Tilak College of Engineering, Kopar Khairane	University of Mumbai	2016	First class with distinction
B. E. (Computer science and engineering)	DKTE Textile and Engineering Institute, Ichalkaranji	Shivaji University	2008	First class with distinction
H. S. C.	The New College, Kolhapur	Kolhapur Divisional Board	2004	66.50%
S. S. C.	M. L. G. High School, Kolhapur	Kolhapur Divisional Board	2002	72.93%

Work Experience

Name of Employer	Department	Designation	Date of Joining	Date of Leaving
Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai	Computer Engineering	Assistant Professor	September 2025	Till date
Bharati Vidyapeeth(Deemed to be university) Department of Engineering and Technology, Navi Mumbai	Computer science and business systems	Assistant Professor	June 2025	August 2025
Lokmanya Tilak College of Engineering, Navi Mumbai	Computer Engineering	Assistant Professor	May 2021	June 2025
Smt. Indira Gandhi College of Engineering, Mumbai University, Navi Mumbai (Visiting)	Computer Engineering	Assistant Professor	January 2021	April 2021
Lokmanya Tilak College of Engineering, Navi Mumbai	Computer Engineering	Assistant Professor	January 2014	May2014
Finolex Academy of Management and Technology, Mumbai University	Information technology	Assistant Professor (UGC APPROVAL)	July 2009	July 2012
Om Software Technology (OST), Kolhapur	Industry Experience	Software Engineer	August 2008	December 2008

Subjects taught

C programming (Sem-II), Object oriented programming with Java (Sem-III), Data structure (Sem III), Natural language processing (Sem-VII)

Achievement & Recognition

- Qualified the UGC – NET June 2024 with 86.41 percentile**
- Research Internship, Ministry of Defence, Defence Research and Development Organisation (DRDO), Pune, India.**
- My research work related to Social Network Analysis and Big data is mentioned in book Handbook of Research on Pattern Engineering System Development for Big Data Analytics, ISBN-10: 152256
- Project group under my guidance has received 1st Prize under Software Category from Indian Institute of Industrial Engineering
- A project group under my guidance has developed a tool for the Department of computer engineering (Lokmanya tilak college of engineering) named Test result analyser tool.

Work Responsibilities

- Working as NBA criteria member for criteria 4
- Worked as a hospitality committee member of ICRMIR-23
- Conducted mini project competition dated 23/10/2021
- Worked as NAAC Criteria member for criteria 1
- Worked as project coordinator for mini project year 2021-22
- Working in result analysis committee from academic year 2022-23
- Worked as a class advisor and department library in charge.
- Working as project guide in computer engineering for undergraduate students
- Working as mentor for students
- Worked as member of admission committee
- Working as a PTM co-ordinator

Publications

- Chaudhari C., Deokar S., Matwankar S, LSTM-Powered Smart Growth Chamber for Rice Seedling Optimization, Journal of Tianjin University Science and Technology, ISSN: 0493-2137, June 2025, Scopus indexed
- Shirin Matwankar, Dr. Subhash Shinde, 2016, Case Study: Political profiling based on Twitter Sentiment analysis for Big Data using Data Mining Algorithms, IJERT, ISSN: 2278-0181, Vol. 5 Issue 02, February-2016
- Shirin Matwankar, Dr. Subhash Shinde, 2015, Sentiment Analysis for Big Data using Data Mining Algorithms, IJERT, ISSN: 2278-0181, Vol. 4 Issue 09, September-2015
- Zero Configuration Networking: Automatic Service Discovery and Service Discovery Protocols: sdAvahi (Volume 2, Issue 1, January 2014, International Journal of Research in Advent Technology, Available Online at: <http://www.ijrat.org>

Short Term Training Programmes/FDP attended

- Attended online National symposium on "Academic Challenges Towards Implementation of NEP in HEI's organized by Lokmanya Tilak College of Engineering in association with NAAC Bengaluru
- Attended Orientation Program of NLP for Academic (Year 2021-22)
- Conducted SE orientation programme for year 2023-24
- One Week ISTE Approved STTP(STTP-SF-MAH-022/2023-24) on MLOps: A Modern Approach to Design, Develop and Operate Machine Learning Models " organized by VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY.
- One-week National Level Capacity Building Programme on "Cyber security and Forensics" organized by K J Somaiya institute of technology, Sion and Ramrao Adik institute of technology, Nerul.
- ISTE approved SF-STTP/FDP Programme on "Blockchain Technologies" organized by Thakur College of Engineering and Technology, Mumbai.

- One-week national Faculty development Programme on Cloud infrastructure (AWS) organized by K J Somaiya institute of technology, Sion.
- STTP on cloud computing and its services organized by A.C. Patil college of engineering, Kharghar.
- FDP on “Machine learning, Internet of Things, and SAP ABAP” supported by SAP India organized by Lokmanya Tilak College of Engineering under Code Unnati Program.
- Participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on Emerging Trends in Cloud Computing at BHARATI VIDYAPEETH DEEMED TO BE UNIVERSITY DEPARTMENT OF ENGINEERING AND TECHNOLOGY OFF CAMPUS from 18/11/2024 to 23/11/2024.
- Participated & completed in AICTE Training and Learning (ATAL) Academy Faculty Development Program (Online) on Next-Gen Computing: Advances in HPC and Quantum Technologies for Data-Driven Insights at Jawahar Education Society’s A.C. Patil College of Engineering from 09/12/2024 to 14/12/2024.
- Participated & completed in AICTE Training and Learning (ATAL) Academy Faculty Development Program (Online) on Cutting-Edge Approaches to Natural Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING. from 16/12/2024 to 21/12/2024.
- Participated and has successfully completed 5-days Online Faculty Development Program on "Advanced Computing" held from 24th June - 28th June 2025, Organized By Bharati Vidyapeeth(Deemed to be University), Institute of Management and Rural Development Administration, Sangli.

Certification

Diploma in software testing, SEED Infotech Ltd (2008)

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place: Thane

[Ms. Shirin Matwankar]