

Ms. Nawal Dandekar

OBJECTIVE

To leverage my expertise in computer science and engineering to foster academic excellence, mentor students, and contribute to research and institutional growth.

TOTAL TEACHING EXPERIENCE: 5Years 6 Months

Academics

Assistant Professor

Fr. Conceicao Rodrigues College of Engineering

Jan 2024 – Till date

- Taught subjects Software Engineering and Project Management ,Web Programming, Recommendation Systems, Innovation and Design Thinking, Analysis of Algorithms, Theoretical Computer Science.
- Successfully handling various responsibilities viz. Department Alumni coordinator and to support preparation for NAAC.

Sardar Patel Institute of Technology, Mumbai.

Sept 2022 – July 2023

- Taught subjects viz. Computer Networks, Web Technologies, Database Management Systems, Java Programming.
- Successfully handled responsibilities to support preparation for NAAC, NBA etc.

Shah & Anchor Kutchhi Engineering College, Mumbai.

Nov 2021 – Sept 2022

- Taught subjects viz. Computer Networks, Database Management Systems, Data Structures.
- Successfully handled various administrative responsibilities viz. Exam department coordinator, ISO coordinator, and handled department website.

Lecturer

Bhavan's college (SFC)- Mumbai, India.

July 2019 – Nov 2021

- Taught more than 6 subjects in the B.Sc. Computer Science dept.
- Successfully coordinated and handled responsibilities to support preparation for NAAC, AQAR etc..

Industry

Macksofy Technologies- Mumbai
Sept 2018- March 2019

- Worked as Developer (Website Design and Development) and Ethical Hacking Trainer
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EDUCATION:

Masters of Engineering (M.E. in Computer Engineering) (7.51 CGPI)

Sardar Patel Institute of Technology (Affiliated to Mumbai University)

Bachelor of Engineering (B.E. in Computer Engineering) (64 %)

Don Bosco Institute of Technology, Mumbai (Affiliated to Mumbai University)

H.S.C (83.15 %)

K J Somaiya College of Science and Commerce

PROFICIENCY:

- JAVA
 - Python
 - Database Management System
 - HTML5,CSS3,Node.js,Javascript
 - Knowledge and hands-on experience of Raspberry Pi
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CERTIFICATIONS COURSES:

1. Awarded a certificate in Elite class on successful completion of the 8 week NPTEL course “Design and Analysis of Algorithms”, July – September 2025.
 2. Certified Ethical Hacker – CEH EC-Council USA (25 June 2022- 24 June 2025)
 3. Successfully completed certification on Python 3.4.3 Training offered by the Spoken Tutorial Project, IIT Bombay on 28th April 2022.
 4. Successfully completed certification on R Training offered by the Spoken Tutorial Project, IIT Bombay in April 2020.
 5. ACM: Web Design & Development
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RESEARCH PUBLICATIONS:

1. N. M. Dandekar and R. Sawant, "Prediction of Vitamin D and Calcium Using Data Mining Techniques," Global Journal of Engineering Science and Researches, vol. CRT CET-2018, pp. 347, 2018.

2. Presented paper titled “Review on SQL Injection Attack” in National level Technical Paper presentation “Technovation” held at Shah and Anchor Kutchhi Engineering College on 30th April 2022.
3. Presented paper “Keylogger in Ethical Hacking” in National level Technical Paper presentation “Technovation” held at Shah and Anchor Kutchhi Engineering College on 30th April 2022.
4. Presented paper titled “Data Concealing Using Steganography and Cryptography” in National level Technical Paper presentation “Technovation” held at Shah and Anchor Kutchhi Engineering College on 30th April 2022.
5. Presented paper titled “Android Password Manager” in National level Technical Paper presentation “Technovation” held at Shah and Anchor Kutchhi Engineering College on 30th April 2022.

ACHIEVEMENT & CONTRIBUTIONS

- Mentored finalist students for a project in Smart India Hackathon 2022.
- Served as a Guest Expert in Cyber Security for the Bootcamp of National Skill Competition – India Skill Competition.
- Mentored students for a project presented at the CIIA-INNOVATION EXHIBITION AND COMPETITION.
- Guided four groups in the National Level Technical Paper Presentation – Technovation at Shah and Anchor Kutchhi Engineering College.
- Member of the syllabus-setting committee for the following Cyber Security subjects at Mumbai University:
 - Cyber Security (Semester VI)
 - Social & Ethical Aspects of the Internet (Semester VIII)
 - Intelligent Forensic (Semester VIII)

MEMBERSHIP (PROFESSIONAL BODIES):

- ISTE Lifetime membership: LM-141282

FDP / STTP PROGRAM ATTENDED:

1. Participated & Completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Integrating AIML and Computational Techniques: Transforming Innovation in Engineering and Sciences” at GHARDA FOUNDATION'S GHARDA INSTITUTE OF TECHNOLOGY from 03/11/2025 to 08/11/2025.
2. Participated and successfully completed the NPTEL–AICTE Faculty Development Programme on “Design and Analysis of Algorithms” (8-week FDP/MOOC) during Jul–Sep 2025.
3. Completed the 40 hours of Virtual APEX Faculty Development Program on Artificial Intelligence (AI) from 18th Aug 2025 – 17th Sep 2025.
4. Attended and successfully completed the 1-Day APEX Faculty Development Program on Artificial Intelligence (AI) conducted by TCS on 1st July 2025.
5. Participated & Completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Transforming Indian Agriculture with Multimodal Agentic AI” at Thadomal Shahani Engineering College from 16/06/2025 to 21/06/2025.

6. Successfully participated in the National-Level Online Workshop on “Application Development with AI & Essential Skills”, organized by Army Institute of Technology in association with Brainovision Solutions India Pvt. Ltd., in collaboration with AICTE, held from 23rd June to 27th June 2025.
7. Participated & Completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on “The Role of Artificial Intelligence in Sustainable Waste Management” at Fr. Conceicao Rodrigues College of Engineering from 10/02/2025 to 15/02/2025.
8. Participated in Master Class Series under IP Utsav organized by AICTE and MIC from 21st April to 26th April.
9. Participated in ISTE approved Self-Financing Faculty Development Program on “Exploring Immersive Learning through Augmented and Virtual Reality” organized by Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, (Maharashtra) from 11.11.2024 to 15.11.2024.
10. Participated in Faculty Development Program on “Research Guidelines for successful Research Exploration” organized by Fr. Conceicao Rodrigues College of Engineering held on 21st and 22nd March 2024.
11. Successfully completed Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS" from April 20 - May 06, 2020 organized by Ramanujan College, University of Delhi.
12. Participated in Faculty Development Program on “R-Tool” organized by S.K. College of Science and Commerce, Nerul and Spoken Tutorial, IIT Bombay from 20th April, 2020 to 30th April,2020.
13. Participated in online course organized by Prahladrai Dalmia Lions College of Commerce & Economics on PHP & MySQL (25/04/2020 to 30/04/2020)
14. “3 Days National Level Workshop on Research Methodology, Statistical Techniques & Data Analysis using MS Excel” organized by Tilak College of Science and Commerce, Vashi, Navi Mumbai- May 2020

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