

## NOWROSJEE WADIA COLLEGE, PUNE

### FACULTY ACADEMIC PROFILE



#### USHA R JAISWARA

**Assistant Professor • Computer Science Department**

Highest Qualification: NET M.Sc.(Electronics Science)

Specialization: Electronics

Official College Email: ushajaiswara@nowrosjeewadiacollege.edu.in

#### PROFESSIONAL SNAPSHOT

Dedicated and accomplished Electronics educator with over 16 years of experience teaching at undergraduate level. Holds an UGC-NET certificate and M.Sc. in Electronics, with a strong academic foundation and a proven record of excellence in pedagogy. Known for blending theoretical knowledge with practical applications, ensuring students gain both conceptual clarity and hands-on expertise in diverse areas of electronics. A passionate advocate for lifelong learning and excellence in Electronics education, with a vision to continually advance the standards of teaching and research in alignment with global trends and national priorities.

#### EDUCATION

| Qualification             | University / Institution                       | Year |
|---------------------------|------------------------------------------------|------|
| NET                       | Rashtrasant Tukadoji Maharaj Nagpur University | 2014 |
| M.Sc. Electronics Science | Rashtrasant Tukadoji Maharaj Nagpur University | 2004 |
| B. Ed.                    | Rashtrasant Tukadoji Maharaj Nagpur University | 2014 |
| B.Sc.                     | Rashtrasant Tukadoji Maharaj Nagpur University | 2002 |

#### TEACHING & ACADEMIC INTERESTS

- Basic Electronics / B.Sc. Information Technology
- Fundaments of Electronics / B.Sc. Computer Science
- Digital electronics and circuit design / B.Sc. Computer Science • [Area of Interest]

#### RESEARCH & PUBLICATIONS | OPTIONAL

Research Area: [Area]

Selected Publications: [Up to 3 key publications]

Research Profile: [ORCID / Google Scholar / institutional profile — optional]

#### ACHIEVEMENTS & PROFESSIONAL DEVELOPMENT | OPTIONAL

- Qualified "Teaching Knowledge Test (TKT)" English language assessment test, conducted by Cambridge University press and assessment, 2012
- Completed the MS-DEED level 1 in person workshop on Introduction to Innovative Pedagogies for college Teachers organized during 28<sup>th</sup> July 2025 to 2<sup>nd</sup> Aug 2025 at Nowrosjee Wadia College Pune
- Participated in University level workshop on "Syllabus Implementation CBCS 2019 Pattern for S.Y.B.Sc. (Computer Science) Electronics Subject" from 18-06-2020 to 19-06-2020.
- Participated in National level Workshop on "Electronics Design Automation (EDA) tools" on August 2021.
- Participated in National Faculty Development Program on "Machine learning and artificial intelligence" organized by APSSDC in collaboration with ExcelR pvt Ltd. From 13<sup>th</sup> nov to 17<sup>th</sup> nov. 2023.

## ACADEMIC RESPONSIBILITIES | OPTIONAL

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- Examination Committee / Lab Incharge

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