

fr♦ MODERN EDUCATION SOCIETY'S ♦

NOWROSJEE WADIA COLLEGE, PUNE

FACULTY ACADEMIC PROFILE

[PHOT



Recent formal
photograph

Tandra Guha

Asst. Professor[Computer Science Department]

Highest Qualification: M.Sc.(Electronic Science)

Specialization: Electronics

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PROFESSIONAL SNAPSHOT :

Twenty-six years of teaching in the field of Electronics have been a fulfilling and enriching journey, marked by continuous learning, dedication, and commitment to the academic and overall development of students. As a lecturer in a Senior College, my professional journey has extended far beyond the boundaries of classroom teaching. It has been an opportunity to educate, mentor, and contribute meaningfully to the growth of the institution.

Over the years, I have witnessed remarkable changes in technology, teaching methodologies, curriculum structures, and the expectations of learners. Adapting to these changes has been an integral part of my journey. I have continuously worked towards updating my knowledge and adopting newer approaches to teaching so that students are prepared not only for examinations but also for higher education, professional opportunities, and the technological challenges of the future. Alongside my teaching responsibilities, I have had the opportunity to take up **additional responsibilities at the institutional level Departmental level**. These responsibilities have provided me with a broader understanding of the functioning of an educational institution and have allowed me to contribute to areas beyond my own department. Participating in institutional activities, academic and administrative initiatives, committees, events, and other responsibilities has strengthened my sense of teamwork, leadership and commitment towards the institution.

EDUCATION

Qualification	University / Institution	Year
M.Sc(Electronic Science)	[Pune University/ K.T.H.M College,Nasik]	1998
B.Sc(Electronic Science)	[Pune University/ H.A.L College of Science,Ozar Mig ,Nasik]	1996

TEACHING&ACADEMIC INTERESTS

[Electronics / B.Sc(CS/IT/CSDF) [Electronics and IoT&Sensors]

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

- [Award / Recognition]
- [Certification / FDP / Workshop]:
 - **FDP On AI Machine Learning** by IIT Guwahati ,May 2026, Technovision 2005 by Computer Society of India at M.I.T College ,Kothrud, on Digital Signal Processing at Kaveri College, Kothrud, ONLINE Faculty development program on **ICT TOOLS for EFFECTIVE LEARNING and ADMINISTRATION, under RUSA by YCIS College,SATARA**
completed ONLINE Faculty development program on **ARDUINO** conducted by **IIT MUMBAI** under **Spoken Tutorials**.
Workshop on Pedagogical teaching for B.Sc. Computer Science at SPPU,on S.Y.B.Sc.[C.S.] syllabus restructuring 2014 at ST. Mira's College,on Internet of Things and MATLAB at Abasaheb Garware College.
Workshop on F.Y.BSc[C.S.] Credit based syllabus restructuring 2019 for Electronics subject,University of Pune at Sinhgad College,Online Workshop on S.Y.B.Sc.[C.S] Credit based syllabus restructuring 2020for Electronics Subject.University of Pune.
- [Academic / Institutional contribution]: **UNIVERSITY WORKS UNDERTAKEN** As an External Examiner for S.Y.B.Sc.(C.S.) Practical to various Colleges,as an Examiner in C.A.P for Theory paper.
 - a. Placement Incharge of Under Graduate Course(Computer Science Dept.) from 2017 till 2026.
 - b. Coordinated for SPEED exams for Computer Science Students.
 - c. Working as Regional Conductor for MTSE Exams and Senior Supervisor for YASHDA exam.
 - d. Member of Debating Society, Nowrosjee Wadia College.
 - e. Have worked as an admission Incharge.

ACADEMIC RESPONSIBILITIES | OPTIONAL

- [Committee / Coordination / Mentoring / Examination / Other responsibility]: Presently working as a Coordinator for **UG Cyber Security and Digital Forensics** Course and Mentoring the UG students.