

◆ MODERN EDUCATION SOCIETY'S ◆

NOWROSJEE WADIA COLLEGE, PUNE

FACULTY ACADEMIC PROFILE



MS. RAHI ILME

Assistant Professor • Geology and Petroleum Technology

Highest Qualification: Master of Science, NET, SET, GATE

Specialization: Geology

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PROFESSIONAL SNAPSHOT

As an Assistant Professor with a keen interest in Earth Sciences, my academic focus lies in Sedimentology, Geomorphology, Igneous Petrology, and Metamorphic Petrology. I am passionate about understanding rock formation, landscape evolution, and earth surface processes, and I strive to make these concepts accessible to students through simple, practical teaching. Along with teaching and research, I am actively involved in mentoring and guiding students in their academic growth and am committed to contributing to institutional development through dedicated academic and administrative responsibilities.

EDUCATION

Qualification	University / Institution	Year
Masters of Science- Geology	Savitribai Phule Pune University	2023
Bachelors of Science	Savitribai Phule Pune University	2021
HSC	Central Board of Secondar Education	2018
SSC	Central Board of Secondar Education	2016

TEACHING & ACADEMIC INTERESTS

- Actively supervise student research projects, facilitate curriculum integration, and provide academic and career guidance, while simultaneously advancing my own scholarly work.
- Beyond instructional duties, I engage in departmental governance, contribute to academic seminars and workshops, and ensure that geological sciences are imparted with methodological rigor, applied relevance, and alignment to contemporary pedagogical standards.

RESEARCH

- Thesis on - GEOMORPHOLOGICAL STUIDIES OF VASHISHTI RIVER BASIN, RATNAGIRI DISTRICT, MAHARASHTRA; INDIA
- The study focuses on the Vashishti River Basin (VRB) in Ratnagiri is an 8th-order, structurally controlled basin with 47 sub-basins over 2076 km², largely covered by laterites. Drainage density, stream frequency, and relief ratios vary with lithology, slope, and vegetation, while steep dissected valleys and dominant west-southwest slopes strongly influence erosion, runoff, and vegetation distribution.
- Myfieldwork locations include- Bagalkote (Karnataka), Kutch (Gujarat), Vashishti River, Muchkundi River And Achara River; Ratnagiri (Maharashtra), Nighoj (Maharashtra)

ACHIEVEMENTS & PROFESSIONAL DEVELOPMENT

- Received **ONGC** Scholarship awarded to only 2000 meritorious students based on undergraduate *CGPA*.
- Winner at Quiz competition and active participation in PROTOLITH 2023 conducted at IIT BOMBAY
- Part of PhD field excursion and outcrop examination
- District level Hockey player
- MS-DEED AND MSFDA Trainings for Introduction to Innovative Pedagogies for College Teachers
- INDIAN INSTITUTE OF REMOTE SENSING course on Geospatial inputs for enabling master plan formulation
- Basic software Applications in Geophysical Data Processing – GSITI Training program
- Electrical and Resistivity survey Trainings – Savitribai Phule Pune University
- QGIS training Program – Central University of Karnataka
- COURSES – Cyber Security, Human rights, Introduction to Indian Constitution, Personal Financial Planning, Web designing
- Attended seminars at IIT BOMBAY– Rock mechanics and Engineering Geology, Gravity and Magnetism, Fluid Inclusions, Geophysical Inversion