

◆ MODERN EDUCATION SOCIETY'S ◆

NOWROSJEE WADIA COLLEGE, PUNE

FACULTY ACADEMIC PROFILE



DR. ADITI SUNIL PHADKE

Professor, Department of Mathematics.
Highest Qualification: Ph.D. in Mathematics
Specialization: Number Theory, Graph Labeling, and Combinatorics
Official College Email: asphadke@nowrosjeeewadiacollege.edu.in

PROFESSIONAL SNAPSHOT

Dr. Aditi Sunil Phadke is a Professor in the Department of Mathematics at Nowrosjee Wadia College, Pune, with over 15 years of academic instruction experience in undergraduate and postgraduate mathematics. An alumna of Savitribai Phule Pune University (Ph.D., Gold Medal for Best Thesis) and IIT Bombay (M.Sc.), her research focuses on Number Theory, Graph Labeling, and Combinatorics. She has led the Indian national teams as Leader and Deputy Leader at prestigious Olympiads including the EGMO and IMO, contributing significantly to national talent development.

EDUCATION

Qualification	University / Institution	Year
Ph. D. in Mathematics	Savitribai Phule Pune University	2006
M. Sc. in Mathematics	IIT Bombay	1998

TEACHING & ACADEMIC INTERESTS

• Algebra and Geometry • Discrete Mathematics • Number Theory • Mathematical Olympiad Mentorship

RESEARCH & PUBLICATIONS | OPTIONAL

Research Area: [Number Theory, Graph Theory]
Selected Publications: [Up to 3 key publications]
Research Profile: [ORCID / Google Scholar / institutional profile — optional]

ACHIEVEMENTS & PROFESSIONAL DEVELOPMENT | OPTIONAL

- Awarded the Gold Medal for the Best Thesis in Mathematics by Savitribai Phule Pune University.
- Cleared the CSIR-UGC NET JRF (Dec 1997) and GATE (1998) with an All India Rank of 41 (93.86 percentile).
- Appointed by the National Board for Higher Mathematics (NBHM) as Leader of the Indian Girls Team at the European Girls Mathematical Olympiad (EGMO) in Hungary (2022) and Slovenia (2023).

ACADEMIC RESPONSIBILITIES | OPTIONAL

- National Faculty member at the International Mathematical Olympiad Training Camp (IMOTC) at Homi Bhabha Centre for Science Education (HBCSE), Navi Mumbai, for over 10 years.
- Core Committee Member for the prestigious nationwide Madhava Mathematics Competition for several years.

- Active committee member of several Savitribai Phule Pune University (SPPU) subcommittees for undergraduate and postgraduate course syllabus formulation.
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Suggested Next Steps

Instructions for **PRIVACY & CONFIDENTIALITY — IMPORTANT**

PUBLIC WEBSITE PROFILE: Enter only information intended for public display on the college website.

- Do NOT include residential address, personal mobile number, personal email, date of birth, Aadhaar/PAN/passport numbers, bank details, passwords, login credentials, signatures or other private identifiers.
- Use the official college email address rather than a personal email address.
- Share only verified professional/academic information and publications that are appropriate for public disclosure.
- Do not include confidential student information, examination records, unpublished research data, internal documents or committee-sensitive information.
- Faculty should review the completed profile before submission. The college/department may edit formatting for website publication.