

Profile of the Faculty



1. General Information:

Name of the Faculty	:	Mrs. Nilima Roshan Gharat
Name of the Department	:	Mathematics
Educational Qualifications	:	M. Sc. (Mathematics), SET, B. Ed.
Present Position	:	Assistant Professor
Address for Correspondence	:	Neelkanth Krupa, B-501, Fifth Floor, Plot No. 36, Sector - 4, Karanjade, Panvel, 410206
E-mail	:	nilimagharat1990@gmail.com
Contact Number	:	9819585184
Specialization	:	Mathematics
Total teaching experience	:	10
Courses taught	:	F.Y. B.Sc., S.Y.B.Sc., F.Y. B. Sc. C. S.

2. Publication of Research Papers:

Non-peer reviewed journals	:	06
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3. List of Publication of Research Papers:

- Mrs. N. R. Gharat , Dr. S. I. Unhale; Profit maximization in a manufacturing factory by using Linear programming, *Anugoonj*, 2022-2023
- Mrs. N. R. Gharat , Dr. S. I. Unhale; Application of Warshall Algorithm for providing shortest path to ambulance during emergency to get to and fro from patients home to hospital, *Anugoonj*, 2021-2022
- N.D. Mokal and S.I. Unhale; An Assessment of Student Project using Fuzzy Logic based on Grading System, *Anugoonj*, (6), 2016-2017, 31-35.
- N.D. Mokal and S.I. Unhale; Evaluation of Faculty Performance by Using Fuzzy Logic in Educational Institutions, *Anugoonj*, (5), 2015-2016, 33-39.
- S.I. Unhale and N.D. Mokal; A New Approach for Fuzzy Traffic Signal Control, *Anugoonj*, (4), 2014-2015, 30-34.
- S.I. Unhale and N.D. Mokal; Fuzzy Logic Control of Washing Machine, *Anugoonj*, (3), 2013-2014, 30-35.

4. Books authored:

Edited book by National publisher	:	02
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5. List of Books authored:

- Calculus I, Sheth Publishers Pvt. Ltd.
- Calculus II, Sheth Publishers Pvt. Ltd.

6. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended
National		04
State	01	04
University		06

7. Experience on the various committees at the college

- Member, Science Association
- Member, WDC

8. Experience on the NAAC/ IQAC of the college

- Member, Criterion VII