

## Biodata of Dr. Nilesh Mundlik

1. **Full Name:** Dr. Nilesh Dagadu Mundlik
2. **Date of birth:** 05-12-1982
3. **Designation:** Assistant Professor
4. **Address of Institute:** Department of Mathematics,  
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### 5. Educational Qualification:

Sr. No.	Degree	Year	Subject	University/Institution	% Marks
1	B.Sc.	2003	Mathematics	T. C. College, Baramati, University of Pune	<b>83.25</b>
2	M.Sc.	2005	Mathematics	Department of Mathematics, University of Pune	G.P.A. <b>7.15</b> out of 10
3	M.Phil.	2009	Mathematics (Separation of a poset by prime ideals)	Department of Mathematics, University of Pune	Grade: <b>A</b>
4	Ph.D.	2014	Mathematics (On the theory of prime ideals in 0-distributive posets)	Department of Mathematics, Savitribai Phule Pune University (formerly, University of Pune)	

6. **Area of Research:** Discrete Mathematics (Algebraic Ordered Structures,  
Lattices and Partially Ordered Sets)

7. **Teaching Experience:** 13 years

Sr. No.	Positions Held	Name of Institute	From	To	Pay Scale
1	Assistant Professor	Nowrosjee Wadia College, Pune	1 <sup>st</sup> July 2011	<b>Till date</b>	24820+ 7000
2	Assistant Professor	College of Engineering Pune	9 <sup>th</sup> Jan 2009	30 <sup>th</sup> June 2011	15600+60 00
3	Lecturer	Sinhgad Institute of Technology, Lonavala.	15 <sup>th</sup> June 2006	8 <sup>th</sup> Jan 2009	8000-275- 13500

8. **Research Project Completed (2014-16):** A research project worth of **Rs. 1.55 Lakhs**, submitted to Board of Colleges and University Development (B.C.U.D), Savitribai Phule Pune University, Pune (Project No. 14SCI002243) titled “**On prime ideals in partially ordered set**”

## 10. Papers Published:

Sr. No.	Author(s)	Title	Name of Journal	Volume	Pages	Year
1.	<b>Nilesh Mundlik</b> and Vinayak Joshi	Space of minimal n-prime ideals	<i>Order</i>	Online	pp 1-10	2018
2.	<b>Nilesh Mundlik</b> , Vinayak Joshi and Radomir Halas	The Hull-Kernel topology on prime ideals in posets	<i>Soft Computing</i>	Vol. 21	1653-1665	2017
3.	Vinayak Joshi and <b>Nilesh Mundlik</b>	Baer ideals in 0-distributive posets	<i>Asian European Journal of Mathematics</i>	Vol. 9, No. 2	1650055 (16 pages)	2016
4.	Vinayak Joshi and <b>Nilesh Mundlik</b>	On primary ideals in posets	<i>Mathematica Slovaca</i>	Vol. 65 No. 6	1237-1250	2015
5.	Vinayak Joshi and <b>Nilesh Mundlik</b>	Prime ideals in 0-distributive posets	<i>Central European Journal of Mathematics</i>	Vol. 11(5)	940-955	2013

## 11. Papers Communicated/under preparation

- i Topological Characterization of Semi lattices.

## 12. Invited Talks:

- i. Invited as Resource Person for the **Refresher Course** in Mathematics at Department of Mathematics, University of Pune, Pune in Nov. 2011
- ii. Invited as resource person in Graph Theory and Lattice Theory in the “**National Workshop on Techniques and Methods to Crack Problems in Mathematics**” during 31<sup>st</sup> March 2017 to 9<sup>th</sup> April 2017 held at **Institute of Science Mumbai**.

## 13. Paper Presentation:

1. Awarded as best paper presenter for the paper entitled “The hull Kernel topology on space of minimal n-prime ideals in lattices” in the “International Conference in Algebra and Discrete Mathematics” held at Madurai Kamraj University, during 8-10, Jan, 2018.
2. Attended Indian Mathematical Society’s Annual conference during 27-30 Dec 2007, held at College of Engineering Pune.
3. Presented a paper titled “Prime ideals in 0-distributive Posts” in the Platinum Jubilee 75<sup>th</sup> Annual Conference of Indian Mathematical Society held at Kalasalingum during 27<sup>th</sup> – 30<sup>th</sup> Dec. 2009.

4. Attended Advanced Foundation School held at Department of Mathematics, Punjab University Chandigarh. 3<sup>rd</sup>-29<sup>th</sup> Dec-2010.
5. Presented a paper “Semiprime ideals in Lattices” in the 7<sup>th</sup> Annual Conference of Academy of Discrete Mathematics and Applications (ADMA) and Graph Theory Day, held at NIT, Calicut, Kerala during June 9-11, 2011
6. Presented a paper titled “**On Primary Ideals in Lattices**”, 77<sup>th</sup> Annual conference of Indian Mathematical Society, SRTM University Nanded during 27-30 Dec. 2011. Attended “International Conference on Perspectives of Computer Confluence With Sciences (ICPCS12)” during 10<sup>th</sup> December 2012 to 12<sup>th</sup> December 2012 held at Nowrosjee Wadia College, Pune – 411 001, India.
7. Presented a paper entitled “On Generalization of Hashimoto Theorem” in the “National Conference on Recent Trends in Computer Science & Applications and Computational Mathematics, 2012” during 21<sup>st</sup> Dec. to 22<sup>nd</sup> Dec. 2012. held at Indira College of Commerce and Science, Pune.
8. Participated in “National Conference of Discrete Mathematics” held at Department of Mathematics, University of Pune during 22<sup>nd</sup> Dec. to 24<sup>th</sup> Dec. 2012.
9. Presented a paper “Topological characterization of Boolean Stone and pm-semilattices” in the National Conference on Pure and Applied Mathematics held at College of Engineering, Pune, during 17-19 December, 2013.

#### 14. Workshop/ School:

Participated in **Advanced Training in Mathematics on Combinatorics and Graph Theory** during 12<sup>th</sup> -17<sup>th</sup> December, 2011 held at Department of Mathematics, University of Pune.

#### 15. Coordinator (Pune District) of SYBSC Mathematics Practical Exam.

#### 16. Contribution in Syllabus/ Examination:

- Worked as an observer of **ENTRANCE EXAMINATION conducted for administrative coaching by YASHADA from 2013-2018.**
- Contributed in a **Workshop on Revision of Syllabus** for S. Y. B. Sc. held at Abasaheb Garware College, Pune on 24<sup>th</sup> Dec 2013.
- Worked as an Observer for M.Sc. /M. Tech. Entrance Examination of Department of Mathematics, University of Pune, center at **Kolkata** in June 2014.
- Worked as a **Divisional Conductor** for **MTS (Maharashtra Talent Search)** examination in 2013.
- Worked as a **Regional Conductor** for **MTS (Maharashtra Talent Search)** examination in 2014-18.

#### 17. Membership of Professional Bodies

- i. Indian Mathematical Society (Life Member).
- ii. Academy of Discrete Mathematics and Applications(Life Member)