

Dr. Ramchandra Narhe, Ph.D.

Present position

- Assistant Professor

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Work Experience

- Teaching: 16 years
- Research/Industrial: 27 years

Personal Profile

- Continued collaboration from 2001 with Prof. Daniel Beysens, ESPCI ParisTech, Paris (France,) Prof. Daniel Beysens is world-wide well-known Scientist in the field of Dew and breath figures formation and microgravity.
- **Thirteen papers as first author** in journals such Phys. Rev. Letts., Phys. Rev E, Euro Phys. Letts, Langmuir, Surface science, Surface Science, J. Phys. Chem. B etc.
- One paper in **EuroPhysics Letters as single Author**.
- Many papers cited in many international books and English Wikipedia also for the Lotus effect.
- Research H index :13 and No of Citation :1418
- **Delivered about 40 invited talks** at schools, colleges, national and international conferences
- Guided two Ph.D. students (as co-supervisor) at ESPCI Paristech Paris France and Department of Physics and Applied Mathematics, University of Navarra, Pamplona Spain during 2005-2006 and 2008-2010
- Worked as project guide for more than 100 graduate and Undergraduate students at Fergusson College.

Course(s) Taught (Only Titles)

1. Quantum Mechanics
2. Classical Mechanics
3. Heat and Thermodynamics
4. Modern Physics
5. C programming
6. Experimental Techniques in Physics
7. Nano science and Nanotechnology

8. Mathematical Methods in Physics
9. Waves and Oscillations
10. Electricity and Magnetism
11. Mechanics

Field of Specialization/Areas of Interests

- Soft Condensed Matter
- Super Hydrophobicity, Wetting and Dewetting, Nanotechnology
- Dew Formation
- Phase Transition

Education

- **Ph.D. – (Physics):** 1994-2001
Title of the Thesis: *Some Studies of Coalescence Phenomenon in Growth From Vapor Phase*
Name of University / Institution: Pune University
Year of Award: 2001
- **Master of Science/Arts- (subject name):** 1993 (Physics)
University/College: P.V. P College, Pravaranagar, Dist : Ahamadnagar
- **Bachelor of Science- (subject name):** 1990 (Physics)
College, University, Place : Modern College, Pune

Fellowship/Awards/ Certifications/Achievements/Recognitions

1. 2019 Maharashtra Sahitya Parishad Award for Excellence in Science and Technology, Maharashtra Sahitya Parishad, Pune (Garmin)
2. 2009 Dr. N. R. Tawade Award for the Book *Natural Nanostructure Science and Technology*, Govt. Of Maharashtra
3. 2008 Marie Curie International Incoming Fellowship Under 7th Framework, European Commission
4. 2005-2006 Post-Doctoral Fellow, CEA-ESEME, ESPCI-CNRS, Paris, CNRS, France
5. 2001 -2005 Post-Doctoral Fellowship CEA-ESEME, ICMCB-Bordeaux, CNRS, France
6. 1997-2000 Senior research Fellowship, CSIR Govt. of India, India
7. 1994-1997 Junior Research Fellowship, DST, Govt. of India, India

Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
<ul style="list-style-type: none"> • Member of Board of Studies of Modern College (Autonomous) Pune, and Fergusson College (Autonomous), Pune India 	Life Member of and active researcher of OPUR (International Organization for Dew Utilization https://www.opur.fr), Paris, France	Founder President of Interactive Research Institute of Science Education Pune (India)

	Member of Marie Curie Alumni Association (MCCA, Europe)	Reviewer of International journals like Langmuir, Experiments in Fluid and EuroPhysics Letters
	Member of Marie Curie Alumni Association MCCA, India chapter)	
	Life member of Vidnyan Bharati (India)	