

Faculty Profile



1. Name: **Dr. Mangesh A. Waghmare**
2. Designation: Assistant Professor, Department of Engineering Sciences
3. Institute: Sinhgad Institute of Technology, Lonavala
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5. Date of Joining: July 26, 2010
6. Mobile: +91-9011467383
7. Date of Birth: 24th December 1983
8. Address: Flat No. A - 301, Wing A, Mantra City 360, Khalde Nagar, Talegaon Dabhade – 410506. (M.S.) India.
9. Research Interests: **Nano-materials, Dye-sensitized Solar Cells and Photo-catalysis.**

Educational Details:

- **Ph.D.** (Physics) from Sant Gadge Baba Amravati University, Amravati, June 2020.
- **B. Ed.** (Science/ Maths) from Aadarsha Comprehensive College of Education and Research, Pune, First class with distinction (71.67%), April 2010.
- **M. Sc.** (Physics) from Fergusson College, Pune, First class with distinction (72.95%), May 2006.
- **B. Sc.** (Physics) from Modern college, Pune, First class with distinction (77.58%), April 2004.
- **H.S.C.** (Maharashtra State Board, Pune Divisional Board) from D. P. Mehta Jr. College, Lonavala, First class (62.83%), February 2001.
- **S.S.C.** (Maharashtra State Board, Pune Divisional Board) from Gurukul High School, Lonavala, First class with distinction (77.46%), March 1999.

Experience: (18 years)

- 2010 to till date:- Working as **Assistant Professor** in the Department of Engineering Sciences, Sinhgad Institute of Technology, Lonavala, (M.S.), India.
- 2006 to 2010:- Worked as a **Lecturer** in the Department of Nautical Sciences, The Great Eastern Institute of Maritime Studies, Lonavala, (M.S.), India.

Responsibilities Handled:

- FE Admission Cell (2010-24)
- Subject Coordinator of Engineering Physics (2010-14, 2021-24)
- Lab In-charge of Engineering Physics Laboratory (2010-14, 2017-19, 2021-24)
- FE Website Coordinator (2010-13)
- VAP Coordinator at Department Level (C-programming & C++) (2010-12)
- NBA Coordinator at Department Level (2011-13, 2019-21)
- Examination Coordinator at Department Level (2014-17)
- Examination Coordinator at Institute Level (2014-17)
- NAAC Coordinator at Department Level (2015-17, 2021-22)
- ERP Coordinator at Department Level (2017-19)
- Mock Online Examination Coordinator (2017-19)
- Member of Intellectual Property Rights Cell at Institute Level (2021-24)
- Member of Library Committee at Institute Level (2021-24)
- Institution's Innovation Council (IIC) Coordinator at Institute Level (2021-24)
- NEP Coordinator at Institute Level (2023-24)

Research Publications:

- International Journals: **07** (Springer, Elsevier, Engineered Science), International Conferences: **03**, National Conferences: **01**, Conference Proceedings: **01**
- Book Chapters: **Nil**
- Google Citation: **125**, h-index: **07**, i10 index: **07** (As on 05th August 2024)

Professional Membership: Nil

Books Published: Nil

Achievements and Awards:

- Session Coordinator in the **6th International Conference for Convergence in Technology (I2CT)** co-sponsored by the **IEEE Bombay Section** during 2nd April - 4th April 2021.
- Presented paper in the form of poster in “**National Conference on Advanced Materials Synthesis, Characterization and Applications (AMSCA – 2018)**” organised by Department of Physics, Savitribai Phule Pune University, Pune during 14th & 15th December 2018.
- Presented paper in the form of poster in “**8th International Conference on Advanced Materials Development & Performance (AMDP – 2017)**” organised by Department of Physics, Savitribai Phule Pune University, Pune during 11th July – 15th July, 2017.
- Received **BCUD Research Grant of Rs. 2,30,000/-** for the Project “**Preparation, Characterization and Application of Nano-crystalline Multilayer Transparent Oxide Thin Films**” in 2016.
- Presented paper in” **International Conference on Environmental Systems and Sustainable Development**” **ESSD – 2016** organised by S. S. P. Mandal’s Chandmal Tarachand Bora College, Shirur, Pune during 15th & 16th January, 2016.
- Presented paper in the form of poster in” **International Photovoltaic Solar Energy Conference (IPSEC)**” ,**Solar Asia – 2015** organised by Department of Physics, Savitribai Phule Pune University, Pune during 30th July – 1st August, 2015.



Dr. M. A. Waghmare

Place: Lonavala

Important Links:

Google Scholar: <https://scholar.google.com/citations?user=8Z5NPkkAAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Mangesh-Waghmare-2>

ORCID: <https://orcid.org/0000-0003-4574-0531>

Linkedin: [linkedin.com/in/dr-mangesh-waghmare-5406a5b](https://www.linkedin.com/in/dr-mangesh-waghmare-5406a5b)