

CURRICULUM VITAE



Ms. Nishigandha S. Mone
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Educational Qualification

Sr. No	Degree	University/ Board	Year	Percentage
1	M.Sc. Microbiology	M S University of Baroda	2014	63.4
2	B.Sc. Microbiology	University of Pune	2012	73.44
3	HSC	Maharashtra State board	2009	67.17
4	SSC	Maharashtra State board	2007	81.67

Achievements/ Awards:

1. Qualified **CSIR NET Lectureship** (Life sciences) (June 2017). **All India rank: 51**
2. Qualified **GATE** (General Aptitude Test in Engineering) 2017. **All India rank in life sciences: 1044**
3. Qualified **GATE** (General Aptitude Test in Engineering) 2016. **All India rank in life sciences: 966**
4. Rewarded as '**Best Outgoing Student 2011-2012**' at Sinhgad college of Science, Ambegaon (Bk), Pune 411041, Maharashtra, Pune, India

Past Employment: Worked at Crest (part of Springer Nature group) as a Junior Editorial Associate in the manuscript services.

Current Status: Registered for the Ph.D at department of Microbiology, Savitribai Phule Pune University. The topic of the Ph. D is '**Naphthoquinone complexes as antimicrobial agents: mechanistic aspects and biomedical applications.**'

Publications:

1. **Nishigandha S Mone**, Ekta E. Kamble, Karishma R. Pardesi, Surekha K. Satpute (2022). Antibacterial and antibiofilm Potency of menadione against multidrug-resistant *S. aureus*. *Current Microbiology* 79, 282.
2. Valmik P. Jejurkar, Gauravi Yashwantrao, Atharva Suryavanshi, **Nishigandha S. Mone**, Vaibhav Madiwal, Anuja P. Ware, Subhas S. Pingale, Surekha Satpute, Jyutika M. Rajwade,

Satyajit Saha (2022). Rationally designed Tröger's base decorated bis-carbazoles as twisted solid-state emitting materials and dead bacterial cell imaging. *New Journal of Chemistry* 46, 5730-5740.

3. **Nishigandha S Mone**, Srushti A. Bhagwat, Deepansh Sharma, Manohar Chaskar, Rajendra H. Patil, Paolo Zamboni, Neelu N. Nawani, and Surekha K. Satpute (2021). Naphthoquinones and Their Derivatives: Emerging Trends in Combating Microbial Pathogens. *Coatings* 11(4), 434.
4. Valmik P Jejurkar, KT Sourabh, Gauravi Yashwantrao, **Nishigandha S. Mone**, Parimal J Maliekal, Purav Badani, Surekha Satpute, Satyajit Saha (2021). Troger's Base Derived Butterfly Shaped Contorted AIEgens for Dead Bacterial Cell- Imaging. *Chemistry Select*, 6 (15), 3737.
5. Surekha K. Satpute, **Nishigandha S. Mone**, Parijat Das, Ibrahim M. Banat, Arun G. Banpurkar (2019). Inhibition of pathogenic bacterial biofilms on PDMS based implants by *Lactobacillus acidophilus* derived biosurfactant. *BMC Microbiology*, (19), 39.
6. Surekha K. Satpute, **Nishigandha S. Mone**, Parijat Das, Arun G. Banpurkar, & Ibrahim M. Banat (2018). *Lactobacillus acidophilus* Derived Biosurfactant as a Biofilm Inhibitor: A Promising Investigation Using Microfluidic Approach. *Applied Sciences*, 8(9), 1555.
7. Surekha K. Satpute, Parijat Das, Karishma R. Pardeshi, **Nishigandha S. Mone**, Deepansh Sharma, Ibrahim Banat (2018). Microbial Biosurfactants and their Environmental and Industrial Applications. Book chapter published by science publishers (CRC press/ Taylor and Francis Group).
8. Surekha K. Satpute, Gauri R. Kulkarni, Arun G. Banpurkar, Ibrahim M. Banat, **Nishigandha S. Mone**, Rajendra R. Patil, S. Singh Cameotra. Biosurfactant/s from Lactobacilli species: properties, challenges and potential biomedical applications (2016) *Journal of Basic Microbiology*, 56, 1.

National Conferences (Poster presentation)

1. Department of Microbiology, SPPU Pune and AMI, Pune.
2. Raman Memorial conference, Pune.
3. National Symposium On Medical Biophysics, Pune.
4. National Symposium on Medical Biophysics, Pune.

Interntional conferences (Poster presentation)

1. CSIR- National institute for interdisciplinary Science and technology, and Biotech Research Society, India, Thiruvananthapuram.
2. 56th Annual Conference of Association of Microbiologists of India and International Symposium on "Emerging Discoveries in Microbiology, JNU, New Delhi.