

# Omkar Shembekar

New Panvel, Maharashtra, India, 410 206

8108985734 | shembekaro@gmail.com



Highly motivated Master of Science in Analytical Chemistry graduate adept at collaborative research projects. Proven ability to leverage expertise in nanoparticle characterization and phytochemical analysis to deliver impactful results within a team environment.

## Education

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### Master of Science in Analytical Chemistry

June 2022 - Present

#### C. K. Thakur College of Arts, Commerce and Science, Khanda Colony (Autonomous) at New Panvel

- Impactful research in Nanoparticles, publication in (Adsorption and Kinetic study of priority organic pollutant phenol from aqueous waste using Activated carbon, Journal of Advanced Zoology, 2023). Master's Dissertation on the topic "Extraction, Enrichment and Estimation of Pyrethrins - as a Botanical Insecticide – from Pyrethrums" fostered expertise in Chromatography and various analytical instruments.
- CGPA-

### Bachelor of Science in Chemistry

June 2019 - April 2022

#### C. K. Thakur College of Arts, Commerce and Science, Khanda Colony (Autonomous) at New Panvel

- CGPA- 8.97

## Key Skills

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- Capable in handling and operating sophisticated instruments.
- Familiar in operation of UV-Vis Spectrophotometer
- Trained on AAS and GC
- Proficient in use of multitude of instruments used in Chemistry like: Rota-Evaporator, Ultra Sonicator, etc

## Languages

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- English - Proficient
- Hindi - Proficient
- Marathi – Proficient

## Participations and Presentations

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- Presentation in a national level conference of research paper.
- Attendance at several State and National level conferences on topics of wide scope.
- Participation in Avishkar research convention.
- Member of Science Association.
- Winner of Science Model and Treasure Hunt.

## Publication

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Adsorption and Kinetic study of priority organic pollutant phenol from aqueous waste using Activated carbon.  
DOI:10.53555/jaz.v44iS8.3502