

# Neha Sreenivas

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## Educational Qualifications

### Cochin University of Science and Technology

October 2024 - Present

#### **PhD Scholar (CSIR JRF)**

Supervisor: Senior Prof. Dr. Sarita G Bhat

Microbial Genetics Lab

Department Of Biotechnology

**Research topic:** Comparative Genomic and Proteomic Analysis of Outer Membrane Vesicles from Biofilm and Planktonic Cultures of Environmental Carbapenem Resistant *K. pneumoniae* : Responses to Antibiotic Stress and Horizontal Gene Transfer Efficiency

### Central University of Tamil Nadu, Thiruvarur

July 2016 - June 2021

#### **Integrated Master of Science Life Sciences**

CGPA: 8.59/10

Thesis: Review on Heavy Metal Resistance by Bacteria in the Environment

Under the guidance of Prof P. Rajaguru

Central University of Tamil Nadu

### Rajagiri Higher Secondary School, Ernakulam

June 2013 - March 2015

#### **Plus Two-Higher Secondary**

Secured full A+ with 95.25% aggregate

### Rajagiri Higher Secondary School, Ernakulam

June 2012 - March 2013

#### **SSLC**

Secured Full A+

## **Achievements**

- **Secured All India Rank 78 in Joint CSIR-UGC NET for the December 2022-June 2023 merged session**
- Secured 3rd Price in Poster presentation in the International Conference on "Biotechnological Applications in Ayurveda and Biomedical Sciences" (2025)
- Secured first class with distinction in Integrated Master of Science Life Sciences (2016-2021)
- Qualified Central University Common Entrance Test (2016)
- Secured full A+ in SSLC (2012-2013)
- Secured full A+ in Higher Secondary Examination (2013-2015)

- Secured A grade in state level C.V Raman Essay Competition (2012-2013)

## **Mentorship**

- Mentored M.Sc. student for Master's dissertation research from April 2025-June 2025
- Currently mentoring M.Sc. student on Master's dissertation research project from January 2026-present

## **Internships**

**Title:** Isolation and Screening of Biosurfactant Producing Bacteria from Arctic Sediments  
(May 2019-June 2019)

Under the guidance of Prof. A.A Mohamed Hatha Abdulla  
Cochin University of Science and Technology, Kochi

## **Workshop**

1, Attended 'Crash Course on Immunology' by Prof. B Ravindran, Professor Emeritus, Institute of Life Sciences from September 16th, 2019 to September 20th, 2019 at Department of Life Sciences, Central University of Tamil Nadu.

2. Attended a hands-on training programme on instrumental chemical analysis organized by the Department of Chemical Oceanography, CUSAT, involving practical training in ICP-OES, AAS, LC-HRMS, GC-MS/MS, FTIR-ATR, and UV-Vis spectroscopy (June 9–13, 2025).

## **Conferences**

1. Participated in International Microbiology Conference-Microcosm 1.0 (2024)
2. Participated in International Conference for Multidisciplinary Translational Research (2024)
3. Participated in International Conference on Biotechnological Applications in Ayurveda and Biomedical Sciences (2025)