

Prerna Singh

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Skype: live:8e2a981b35975879

Passionate and determined towards learning and performing Science

EXPERIENCE

Vallabhbhai Patel Chest Institute, University of Delhi, Delhi, India— *Project Trainee*

JANUARY 2019 - PRESENT

- Devoted special emphasis to the work on *Candida* species.
- Conducted experiments for Antifungal Susceptibility Testing, MALDI-TOF MS analysis, and genome level characterization.

Amity University, NOIDA, Uttar Pradesh, India — *In-House Trainee*

JULY 2018 - DECEMBER 2018

“Production of Biofuel from algal biomass”. Simultaneously worked on “Amylase production and activity estimation from *Thermomyces* sp.” under the guidance of Dr. Smriti Shrivastava

University of Delhi, Delhi, India— *Project Trainee*

JANUARY 2016 - FEBRUARY 2017

To study the maternal factors responsible for childhood obesity and to spread awareness for the same. The project was based on metagenomic analysis of gut microbial communities.

EDUCATION

Amity University, NOIDA, Uttar Pradesh, India— *Master of Science in Biotechnology*

AUGUST 2017 - JUNE 2019

CGPA- 9/10

University of Delhi, Delhi, India— *Post Graduate Diploma in Molecular and Biochemical Techniques*

AUGUST 2016 - JUNE 2017

Percentage- 86.8

SKILLS

- Gel Electrophoresis
- Blotting Techniques
- MALDI-TOF MS
- Sanger Sequencing
- Antifungal Susceptibility Testing
- Protein estimation assays
- Polymerase Chain Reaction
- ELISA
- Chromatography
- Microbiology Techniques
- Bioinformatics Basics
- Microsoft office

AWARDS

- Academic Scholarship award (2017-2019) - Masters’ Degree Program in Biotechnology- Amity University, NOIDA, Uttar Pradesh, India.
- Gold Medal - Post Graduate Diploma in Molecular and Biochemical Techniques, Sri Venkateswara College, University of Delhi, India - “Bharatula Savitri Memorial Prize” (2016-2017).
- Consolation Prize at “National Symposium on Lifestyle Disorders” at

University of Delhi, Delhi, India — Bachelor of Science (Hons.) in Microbiology

JULY 2013 - JUNE 2016

Percentage- 81.2

POSTER PRESENTATION/ORAL TALK:

- Poster presentation at the International Conference on Integrative Chemistry, Biology and Translational Medicine (ICBTM) in February, 2019. Titled “Characterization of Azole Resistance in *Candida parapsilosis*”.
- Oral presentation at the Society of Indian Human and Animal Mycology (SIHAM) in February, 2020. Titled “Distribution, characterization and antifungal susceptibility profiles of *Penicillium* and *Talaromyces* spp. in clinical specimens in a Chest hospital in Delhi, India”.

GRE Score:

Verbal Reasoning	Quantitative Reasoning	Analytical Writing
149	154	4.0
29 th Percentile	53 rd Percentile	57 th Percentile

Shivaji College,
University of Delhi, Delhi,
India for Scientific Poster
Presentation
Competition.

LANGUAGES

HINDI - Native

ENGLISH - Advanced Level

FRENCH - Beginner Level