

# NEETESH MANDAL

## (Research Scholar)

✉ [neeteshmndl@gmail.com](mailto:neeteshmndl@gmail.com)

☎ 8827474228

🏠 Gandhi chowk ward no. 16 Kesli Sagar (M.P.)  
470235

🌐 [www.linkedin.com/in/neetesh-mandal-0555a6155](http://www.linkedin.com/in/neetesh-mandal-0555a6155)



## OBJECTIVE

Compassionate and great interest in biotechnological research with 8.5 CGPA in Masters and broad-based experience in molecular biological, microbial, cell and tissue culture-based technique with the handling of research equipment's. I have a tenacious resolution to learn and to have dominance in the arena of doctoral research in molecular biotechnology and to explore new emerging technologies and techniques in biological science.

## EDUCATION

<b>2012</b>	<b>Jawahar Navodaya Vidyalaya Khurai Sagar</b> SSC (CBSE)
<b>2014</b>	<b>Little star Shailesh memorial school Makronia Sagar</b> HSC (CBSE)
<b>2018</b>	<b>Gov. Holkar Science College Indore (DAVV Indore)</b> B.Sc. (Biotechnology, Chemistry, Computer science)
<b>2020</b>	<b>Dr. Harisingh Gour Central Vishwavidyalaya Sagar (M.P.)</b> M.Sc. (Biotechnology)
<b>2022-Present</b>	<b>Dr. Harisingh Gour Central Vishwavidyalaya Sagar (M.P.)</b> Ph.D. (Biotechnology)

## EXPERIENCE

<b>01/2022- Present</b>	Ph.D. Scholar
<b>01/2020- 06/2020</b>	Dissertation trainee <b>Department of Biotechnology DHSGU Sagar</b>
<b>01/2019- 05/2019</b>	Student Intern <b>Department of Biotechnology DHSGU Sagar</b>
<b>Dissertation Topic</b>	Evaluate the effect of Diallyl sulfide on Lipase production by <i>Pseudomonas aeruginosa</i> .

## SKILLS

### Molecular Biology technique

- ✓ DNA isolation
- ✓ RNA isolation
- ✓ Protein Extraction
- ✓ Gel Electrophoresis
- ✓ Plant tissue culture
- ✓ Bacterial culture technique
- ✓ SDS PHAGE
- ✓ Chromatography techniques

### Instrumentation Handling

- ✓ PCR machine
- ✓ UV spectrophotometer
- ✓ UV transilluminator
- ✓ Centrifuge

### Computational skill

- ✓ Primer designing for synthetic biology
- ✓ Knowledge of bioinformatics database
- ✓ Bioinformatics tool-NCBI/PDB/Swissprot/Alpha fold
- ✓ Autodocking Software-Autodockvina/PyRx/OpenBabel/Pymol/Chimera ChimeraX
- ✓ MS office /Ms Excel/ PowerPoint

## ACHIEVEMENTS

Qualified GATE *BIOTECHNOLOGY* 2022

## SEMINAR & WORKSHOP

- ✓ International seminar of 106<sup>TH</sup> The Indian science congress association 2018-19 LPU Phagwara Punjab.
- ✓ Hand-on workshop on “Use of quantitative PCR in Biomedical research and Diagnostics” AIIMS Bhopal’.
- ✓ Workshop on “NMR spectroscopy and its application” school of physical science and biological science Dhsu Sagar.
- ✓ National seminar “on Science and technology: Rural development” The Indian science congress association - Sagar chapter.
- ✓ National seminar “FUTURE INDIA: “SCIENCE & TECHNOLOGY” student “by and for” Research colloquium. The Indian science congress association - Sagar chapter.

## ACTIVITIES

- ✓ Poster presentation on -To Evaluate the effect of DADS against lipase production by Methicillin-resistance *staphylococcus aureus*.
- ✓ **Sports activities-**  
Regional volleyball player  
Cricket  
Table tennis
- ✓ **Other activities-**  
Cooking  
Drawing