Dr Meenu Kumari

Scientist/ Technical Supervisor Grade I

NIPER Hyderabad

MSc in Chemistry, CCS University Meerut

PhD in Chemistry, Bundelkhand University, Jhansi

PhD Research Institute, DMSRDE, Kanpur (JRF & SRF)

Project Research Fellow, Jiwaji University, Gwalior

Research Associate, DRDE, Gwalior

Research Interest

- Biocatalysis and Biotransformation
- Biocatalysis in Chemical Reactions
- Enzyme Immobilization and its stability and recyclability
- Detection and Decontamination of Chemical Warfare Agents and their simulants
- Synthesis and characterization of 2-DG (2-Deoxy-D-Glucose)
- Synthesis and Characterization of Functional Polysilane Polymer

Experience and Publications

Research Experience Post PhD: 06

Publications: 18

Patents: 04

Book Chapters: 01

Abstract in conference: 11

Attended conferences/ Symposias/ Workshops: 09

Student guided as a co-guide: 04

Awards:

- **Technology Group Award** for Process Optimization and Technology of **2-DG (2-Deoxy-D-Glucose)** as a Repurposed Drug for Coronavirus.
- **First Prize** in Poster Making Competition of **'National Safety Week'** from 4th March to 11th March 2021 in DRDE Gwalior.

Membership: 02

- Member of Academy of Microscope Science and Technology (AMST)- L.M.-0162
- Member of the Indian Science Congress Association (L26372)