

Department of Chemistry & Biochemistry, Sharda School of Basic Sciences & Research in collaboration with GeNei Laboratories, organizes a

**Hands-on Training cum Workshop on**

# **BASIC MOLECULAR BIOLOGY TECHNIQUES: GENE AMPLIFICATION, CHARACTERIZATION AND EXPRESSION IN PROKARYOTIC SYSTEM**

## **Why to join this workshop?**

- Provide a comprehensive understanding of gene expression fundamentals, covering both prokaryotic and eukaryotic systems.
- Equip participants with practical skills in protein characterization through expression of protein in bacterial system, Characterization by SDS-PAGE.
- Introduce the foundational concepts of PCR, including primer design, DNA template selection, and optimization protocols.
- Train attendees in the analysis of PCR products using gel electrophoresis and other relevant visualization techniques.



**22-24 October, 2024**



**10:00 am-4:00 pm**



## **Speakers**

**Dr. Tareeka Sonawane**

Product Manager  
GeNei Laboratories Pvt. Ltd



**Dr. Vishwas Sharma**

Director, VI Molecular Diagnostic & Research  
Prayagraj, UP



## **Advisor**

**Prof. Shyamal Kumar Banerjee**  
Dean, SSBSR

## **Convener**

**Dr. Anupam Agarwal**

HOD, Chemistry & Biochemistry

## **Co-Convener**

**Dr. Vivek Srivastava**

## **Coordinators**

**Dr. Sayanti Mandal | Dr. Gaurav Bhakri**

**Dr. Surender | Mr. Paratpar Sarkar**

Link for Registration: <https://forms.gle/jorfDGaLRdGH6Fwq9>  
Registration Fee: 1250 Rs

QR Code for Payment



**Dr. Vivek Srivastava: 9873950422**

**Dr. Gaurav Bhakri: 9996438860**



[vivek.srivastava1@sharda.ac.in](mailto:vivek.srivastava1@sharda.ac.in)

[sayanti.mandal@sharda.ac.in](mailto:sayanti.mandal@sharda.ac.in)

**Contact: Mobile no: 9873950422, 9996438860, 9467094023**