



# SIPS

NAAC Accredited

Sandip Institute of  
Pharmaceutical Sciences

In Association With



ISO 9000:2008 LAB

For  
B.Sc. (Che. Bic. Micro) M. Pharm.  
M.Sc. (Che. Bic. Micro) B. Pharm.



**RELIABLE'S**

SHREE INDUSTRIAL TRAINING CENTER

PRACTICAL TRAINING OF ANALYTICAL INSTRUMENTS  
Gas Chromatography (GC)  
High Performance Liquid Chromatography (HPLC)

Courses Offered

## Laboratory Skills

Under  
**IQAC**  
SIPS

2021-22

Duration of course-  
15 January 2022 to 26 February 2022

### Add on / Value added Certificate Courses

Our Program structures offers students the flexibility to enhance their academic experience by enrolling in Two Courses per academic year, with option to take one course per semester.

This approach allows students to delve deeper into their areas of interest, diversify their skill set and tailor their learning journey to align with their career aspirations

Campus: Mahiravani, Trimbak Road, Tal & Dist. Nashik-422213, Maharashtra, India.

## COURSE OBJECTIVE

- 01** Lab Safety Practices: Develop a thorough understanding of laboratory safety protocols, including proper handling of chemicals, equipment, and emergency procedures.
- 02** Instrumentation Familiarity: Gain proficiency in using common laboratory instruments such as microscopes, spectrophotometers, and centrifuges.
- 03** Precision and Accuracy in Measurements: Acquire skills for precise measurement techniques, including pipetting, dilution, and calibration of laboratory instruments.
- 04** Experimental Design and Planning: Learn the principles of experimental design and planning, including hypothesis formulation, protocol development, and data collection strategies.

## COURSE OUTCOMES

- 01** Safety-Conscious Lab Practices: Demonstrate a commitment to safety through the consistent application of lab safety practices, minimizing risks and promoting a secure work environment.
- 02** Proficient Instrumentation Use: Operate laboratory instruments proficiently, ensuring accurate and reliable experimental outcomes.
- 03** Accurate Measurement Skills: Execute precise measurement techniques, contributing to the accuracy of experimental procedures and data.
- 04** Effective Experimental Planning: Design and plan experiments effectively, considering variables, controls, and ethical considerations for robust scientific investigations.

### CHIEF PATRON

Hon'ble. Dr. Sandip N. Jha  
Chairman  
Sandip Foundation

### PATRON

Prof. Pramod Karole  
Academic Facilitator  
Sandip Foundation

### CONVENER

Prof. Dr. Anil G. Jadhav  
Principal  
SIPS, Nashik

### COORDINATOR

Dr. L. B. Borse  
(Academic Dean)

### REGISTRATION DETAILS

Dr. V. T. Pathan  
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