

ACTIVITY REPORT

Name of Activity- A certificate course on "A Certificate course In Pharmaceutical Analytical Techniques and Instrumentation"

Day and Date - Monday to Wednesday; 02/03/2026 to 04/03/2026

Participants	Student	Staff	Class and Course
	08	03	M. Pharmacy (Pharmaceutical Chemistry)

Details of the Program

The certificate course is designed to provide participants with in-depth knowledge and practical exposure in the field of analytical testing in the pharmaceutical industry. The course aims to enhance the technical skills required for operating and maintaining analytical instruments commonly used in drug analysis. This three-day (30 hours) intensive hands-on training program offers participants comprehensive learning on key analytical techniques such as HPLC, FTIR, and IPQC tests. The program covered theory, method development, sample preparation, instrument handling, and troubleshooting, with eight (08) students enrolled.

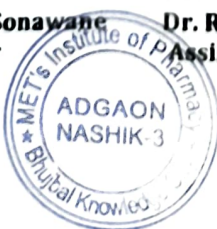
Dr. Sandeep Sonawane, Professor, delivered sessions on fundamental theory, instrumentation, applications, and interpretation of IR spectroscopy. Dr. Rakesh Shelke, Assistant Professor, conducted sessions on HPLC, covering basic principles, instrumentation, quantitative analysis, method development, and its applications in the pharmaceutical industry. Dr. Rohan Ahire, Assistant Professor, MET Institute of Pharmacy, Nashik, delivered a lecture on the theory of IPQC tests along with relevant official guidelines and practical considerations

Objectives of the Activity	The activity aims to develop basic practical skills in advanced instrumental analysis through hands-on training using FTIR, HPLC, and IPQC instruments
Benefits of the activity	Students gain experience in real-time analysis, improve troubleshooting skills, and enhance confidence in handling sophisticated instruments.

Photos of the event




Dr. Sandeep Sonawane
Professor




Dr. Rakesh Shelke
Assistant Professor


Dr. Rohan Ahire
Assistant Professor


Dr. Sanjay Kshirsagar

PRINCIPAL
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