

# MET'S Institute of Pharmacy

## ACTIVITY REPORT

Name of Activity- A certificate course on "Analytical Skills Development"

Day and Date - Monday to Wednesday; 26/02/2024 to 28/02/2024

| Participants | Student | Staff | Class and Course                       |
|--------------|---------|-------|--|
|              | 09      | 03    | M. Pharmacy (Pharmaceutical Chemistry) |

### Details of the Program

The Certificate course is designed to provide participants with comprehensive knowledge and practical skills in the field of analytical testing within the pharmaceutical industry. This course equips learners with the necessary expertise to operate and maintain analytical instruments and equipment commonly used in drug analysis. Over three days (30 hours) this hands on training will offer participants the opportunity to learn the important aspects of HPLC, FTIR and IPQC test, Its theory, method development, sample preparation including handling and troubleshooting of all the instruments.

Nine (09) students registered for certificate course on Analytical skills development course. Dr. Sandeep Sonawane, Professor; delivered lecture on Basic theory, Instrumentation, applications and IR interpretation. Dr. Rakesh Shelke, Assistant Professor, focused on Basic theory, Instrumentation, applications of HPLC to quantitative analysis Method development and application of HPLC in Pharma field and Mr. Rohan Ahire, Assistant Professor, Mumbai Education Trust institute of Pharmacy, Nashik delivered talk on Theory of IPQC test and official guidelines of it.

|                            |   |
|----------------------------|---|
| Objectives of the Activity | To impart basic practical skills in advanced instrumental analysis. Actual sample analysis and hands on training of different instruments like IR, HPLC, and IPQC test apparatus etc. |
| Benefits of the activity   | Students are expected to demonstrate actual analysis using sophisticated instruments. They should demonstrate troubleshooting abilities during actual analysis.                       |

### Photos of the event



*Sonawane*

Dr. Sandeep Sonawane  
Professor

*Shelke*

Dr. Rakesh Shelke  
Assistant Professor

*Ahires*

Mr. Rohan Ahire  
Assistant Professor

*Kshirsagar*

Dr. Sanjay J. Kshirsagar



**PRINCIPAL**  
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