



Date: 11 /12/2023

## Invitation Letter

To,  
Mr. Rahul Parab  
Service Executive  
Lab India Analytical Instrument.

**Subject: Invitation as Resource Person for Hands-On Training Session on FTIR for our faculty.**

Dear Mr. Rahul Parab,  
We are delighted to invite you to conduct a hands-on training session on Fourier-Transform Infrared Spectroscopy (FTIR) for our faculty members at the Central Instrumentation Lab.

Details of the Training Session:

Date: 15th December 2023

Time: 1:00 PM to 2:00 PM

Venue: Central Instrumentation Lab, Oriental College of Pharmacy.

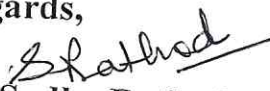
The objective of the session is to enhance the technical skills of our faculty in operating FTIR equipment and interpreting spectral data, enabling them to apply this knowledge effectively in their research work. We are confident that your expertise and experience will greatly benefit our faculty members.

We kindly request your confirmation of participation at the earliest. Should you require any additional information or arrangements, please feel free to contact us.

We look forward to your positive response.

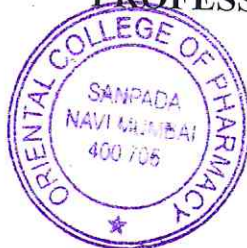
Thank you for considering our invitation.

Warm regards,

  
Dr. (Mrs.) Sudha Rathod  
PRINCIPAL

Dr. (Mrs.) Sudha Rathod  
Principal  
Oriental College of Pharmacy  
Plot No. 3, 4 & 5, Sector-2,  
Sanpada, Navi Mumbai.

  
Dr. Amjad Ali  
PROFESSOR, HOD, PHARM.CHEM.





**Date:** 15/12/2023

### Appreciation Letter

To,  
Mr. Rahul Parab  
Service Executive  
Lab India Analytical Instrument

**Subject:** Appreciation for Conducting FTIR Training Session for our faculty

Dear Mr. Rahul Parab,

On behalf of [Institution/Organization Name], we extend our heartfelt gratitude to you for conducting the hands-on training session on **Fourier-Transform Infrared Spectroscopy (FTIR)** on **15th December 2023** at our **Central Instrumentation Lab**.


Your session was highly informative and engaging, providing our faculty members with invaluable insights into the operation of FTIR equipment, spectrum analysis, and its applications in advanced research. The practical demonstration and your clear explanations greatly enhanced the participants' understanding and confidence in using the instrument effectively.

We sincerely appreciate the time and effort you dedicated to sharing your expertise with our team. Your guidance will undoubtedly contribute to the quality of research at our institution and inspire our faculty members to explore innovative applications of FTIR in their work.

We look forward to future collaborations and the opportunity to learn from your knowledge again. Once again, thank you for your exceptional contribution to the success of our training program.

Warm regards,

  
Dr. (Mrs.) Sudha Rathod  
PRINCIPAL

  
Dr. Amjad Ali  
PROFESSOR, HOD, PHARM.CHEM.

Dr. (Mrs.) Sudha Rathod  
Principa-  
Oriental College of Pharmacy  
Plot No. 3, 4 & 5, Sector-2,  
Sanpada, Navi Mumbai.





Date: 12th December 2023

## Notice

Subject: Hands-On Training on FTIR for Faculty

This is to inform all faculty members that a hands-on training session on Fourier-Transform Infrared Spectroscopy (FTIR) has been scheduled as follows:

**Date:** 15th December 2023

**Time:** 1:00 PM - 2:00 PM

**Venue:** Central Instrumentation Lab

This training session aims to enhance faculty skills in operating and interpreting FTIR analysis for advanced research applications. All faculty members are encouraged to attend and actively participate.

Mr. Vijay Ikale  
Assistant Professor  
Pharmaceutical Quality Assurance

Dr. Amjad Ali  
Professor  
HOD, Pharmaceutical Chemistry

Dr. Mrs. Sudha Rathod  
Principal

**Dr. (Mrs.) Sudha Rathod**  
Principal  
Oriental College of Pharmacy  
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Sanpada, Navi Mumbai.





**Date : 16 December 2023**

## **Report on Hands-On Training of Faculty on FTIR**

**Date of Training:** 15th December 2023

**Time:** 1:00 PM - 2:00 PM

**Venue:** Central Instrumentation Lab

**Resource Person:** Mr. Rahul Parab, Service Executive, Lab India Analytical Instrument

### **1. Introduction:**

A hands-on training session on Fourier-Transform Infrared Spectroscopy (FTIR) was organized for faculty members on 15th December 2023. The purpose of the training was to enhance the faculty's technical skills in operating FTIR equipment and interpreting spectral data, which is crucial for advanced research and quality analysis in various fields of study.

### **2. Objective of the Training:**

The primary goal of the session was to:

- Equip faculty members with practical knowledge of FTIR instrumentation.
- Enable faculty to effectively interpret FTIR spectra for material identification and analysis.
- Familiarize attendees with the latest advancements in FTIR technology and its applications in research.

### **3. Overview of the Training Session:**

The training session began with an introductory note on FTIR technology, covering the basics of how FTIR works, including the theory behind IR spectroscopy. Mr. Rahul Parab, an experienced service executive from Lab India Analytical Instrument, was invited as the resource person for the session. He provided a detailed explanation of the FTIR system components and demonstrated the instrument's operational procedures.





#### 4. Key Highlights:

- **Instrument Setup:** Mr. Parab explained the essential steps for setting up the FTIR instrument, calibrating it, and ensuring proper sample handling.
- **Sample Analysis and Data Interpretation:** Participants received hands-on guidance on sample placement, analyzing different types of materials, and interpreting the obtained spectra.
- **Q&A Session:** Faculty members had the opportunity to ask questions, which Mr. Parab addressed, providing insights into specific applications and use cases relevant to their research areas.

#### 5. Outcome of the Training:

The session was highly informative and interactive, with all participants gaining a better understanding of FTIR technology. Faculty members expressed appreciation for the practical experience and felt more confident in using FTIR for their research work.


#### 6. Feedback and Suggestions:


Faculty members suggested organizing similar sessions for other advanced instruments in the Central Instrumentation Lab.

#### 7. Conclusion:

The FTIR hands-on training session was a success, meeting its objectives of upskilling faculty members. Such training programs foster a culture of continuous learning and research-oriented skill development among faculty members. The knowledge gained will likely contribute to higher-quality research output and promote better utilization of lab resources.

#### Prepared by:

Mr. Vijay Ikale   
Assistant Professor  
Pharmaceutical Quality Assurance

Dr. Amjad Ali   
Professor and HOD, Pharmaceutical Chemistry

#### Principal:

Dr.(Mrs.)Sudha Rathod

Dr. (Mrs.) Sudha Rathod  
Principal  
Oriental College of Pharmacy  
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HANDS ON TRAINING ON AT  
ORIENTAL COLLEGE OF PHARMACY  
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Captured by survey cam



HANDS ON TRAINING ON AT  
ORIENTAL COLLEGE OF PHARMACY  
15/12/2023, 1.05 pm  
19.06.1978.00781  
10.0m  
13.43m  
Captured by survey cam

**Dr. (Mrs.) Sudha Rathod**  
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*Sudha Rathod*  
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NAVI MUMBAI**

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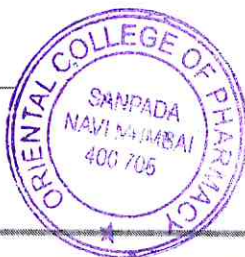
**THIS CERTIFICATE IS PROUDLY PRESENTED TO**

**MRS. APARAJITA PATIL**

IN RECOGNITION OF HER ACTIVE PARTICIPATION IN THE  
HANDS-ON TRAINING ON FOURIER-TRANSFORM INFRARED SPECTROSCOPY (FTIR)  
HELD ON 15TH DECEMBER 2023 IN THE CENTRAL INSTRUMENTATION LAB, ORIENTAL  
COLLEGE OF PHARMACY.

**DR. AMJAD ALI**

**HOD, PHARM. CHEM**



**DR. MRS. SUDHA RATHOD**

**PRINCIPAL**

**Dr. (Mrs.) Sudha Rathod**  
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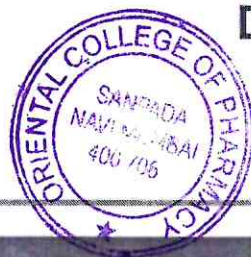
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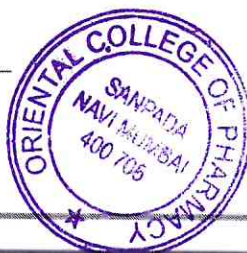
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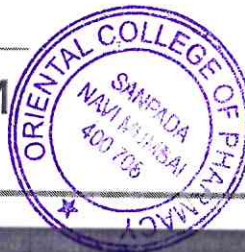
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MS. ANJALI RAI

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DR. AMJAD ALI

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