



# G. Pulla Reddy College of Pharmacy

Mehdipatnam, Hyderabad

Affiliated to Osmania University and Approved by PCI

Accredited By National Assessment and Accreditation Council (NAAC)



## ADVANCED INSTRUMENTS PRACTICAL TRAINING - FTIR

Training on Advanced Instrument Practical training course was conducted to B.Pharm VII semester students during 20<sup>th</sup> to 22<sup>nd</sup> January 2025.

**Teacher:** Dr.N.Raghavendra Babu, Associate Professor

**Class:** B.Pharm VII sem 2024-25 Academic year students

**Dates:** 20-02-2025 Batch I (20)

**Total:** 61 Students

21-02-2025 Batch II (20)

22-02-2025 Batch III (21)

### Practical training on Experiments on FTIR

- Theoretical explanation of working of FTIR
- Explanation of SOPs for Shimadzu FTIR
- Explanation of KBr press, software IR solutions
- Sample preparation of Paracetamol KBr pellet
- Obtaining the IR spectrum of Paracetamol
- Interpretation of Paracetamol-IR spectra with reference to the functional groups
- Explanation of Quantitative estimation of Paracetamol by IR spectroscopy.



Principal  
G. Pulla Reddy College of Pharmacy  
Mehdipatnam, HYDERABAD-500023,  
Telangana State, INDIA