

EVENT REPORT

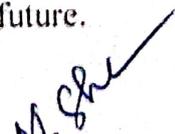
Name of the Event	: Work Shop
Title of the Event	: Workshop on Advanced Analytical Techniques in HPLC & UV Visible Spectrophotometer
Organized by	: Rathinam College of Pharmacy
Date & Time	: 11.07.2025 – 12.07.2025
Venue	: Central Instrumentation Room
No of Staffs Participated	:02
No of Students Participated	:31

Rathinam College of Pharmacy organized a two-day hands-on training program on Workshop on Advanced Analytical Techniques in HPLC & UV Visible Spectrophotometer from **11th to 12th July 2025**. The session was facilitated by **Mr. B.Sanjeev**, a seasoned analytical chemist with significant expertise in chromatography and spectroscopic techniques.

The objective of the program was to enhance the practical understanding of modern analytical instrumentation and techniques among students and faculty members, bridging the gap between academic learning and industrial applications.

Inauguration and welcome address by the organizing committee and Chief guest was felicitated by Dr.N.Balakrishnan Principal. Mr. Sanjeev gave a brief Introduction to HPLC: Principles, components, and types of chromatographic modes and UV spectroscopy Principle and instrumentation, Advanced concepts of Derivative UV spectroscopy, multi-wavelength scanning, and use of PDA.

The participants appreciated the comprehensive structure of the program, combining both theoretical sessions and practical hands-on training. Mr. Sanjeev's expertise and interactive teaching approach were particularly well received. The training successfully met its objectives and provided significant skill development for students and staff alike. The college extends its gratitude to Mr. Sanjeev and looks forward to conducting similar advanced workshops in the future.


Program Committee


Principal
Principal
Rathinam College of Pharmacy
Rathinam Techzone,
Pollachi Main Road, Eachanari,
Coimbatore - 641021,





RATHINAM
COLLEGE OF PHARMACY



AFFILIATED TO THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY CHENNAI
APPROVED BY PHARMACY COUNCIL OF INDIA (PCI), NEW DELHI

WORKSHOP ON ADVANCED ANALYTICAL TECHNIQUES

(High Performance Liquid Chromatography (HPLC) & UV-Visible Spectrophotometer)

Date

11th & 12th July 2025
(10 am - 4 pm)

Venue

Central Instrumentation Lab,
Rathinam College of Pharmacy

About the Workshop

This two-day intensive workshop aims to provide participants with hands-on training and in-depth theoretical knowledge of two critical analytical techniques widely used in pharmaceutical and chemical analysis: High Performance Liquid Chromatography (HPLC) and UV-Visible Spectrophotometry.

The program is designed to bridge the gap between theoretical concepts and practical applications, empowering students, researchers, and professionals with the essential skills for quality control, research, and development in pharmaceutical and related fields.

Workshop Highlights

Sample Preparation Techniques

- Extraction, Filtration, Dilution, Concentration
- Liquid-Liquid & Solid-Liquid Extraction
- Preparation of Sample & Standard Solutions

Principles of UV-Visible Spectrophotometry

- Instrument Components and Working Mechanism
- Calibration and Standard Curve Preparation
- Sample Analysis and Data Interpretation

Application of HPLC in Pharmacy

- Drug Development
- Clinical Research & Bioanalysis
- Quality Control and Regulatory Perspective

Principles and Instrumentation of HPLC

- Working Principle and System Components
- Mobile and Stationary Phases
- Types of Detectors (Including PDA Detector)
- Limit of Detection (LOD) and Quantification
- Method Development and Validation

Data Acquisition & Report Interpretation



Who Can Attend?

UG, PG Students, Ph.D. Scholars, Postdoctoral Fellows Faculty Members from Pharmacy & Life Sciences and Industry Professionals Interested in Analytical Techniques.

Why Attend?

Learn from experienced professionals

Hands-on training with real instruments

Enhance your practical and research skill

Networking opportunities with peers and experts

Certificate of Participation

Registration Details

Fee: ₹1000/- (Limited to 30 Participants)

Register here: <https://forms.gle/AQ1Ltrm9ozvtgPx86>

Accommodation: 300/- per day

Contact No : 9989927384

Scan & Pay



Convenor

Dr. N. Balakrishnan,
M.Pharm., Ph.D.
Principal

Training Coordinator

Mr. B. Sanjeev
Analytical Chemist

Organizing Secretary

Mr. Chilukuri Venkat Subbarao Choudary,
M.Pharm.
Assistant Professor

Website: www.rathinamcollegeofpharmacy.com

Address: Rathinam Techzone, Eachanari, Coimbatore.





Coimbatore, Tamil Nadu, India
Rajam Avenue, Eachanari, Coimbatore, Tamil Nadu 641021, India
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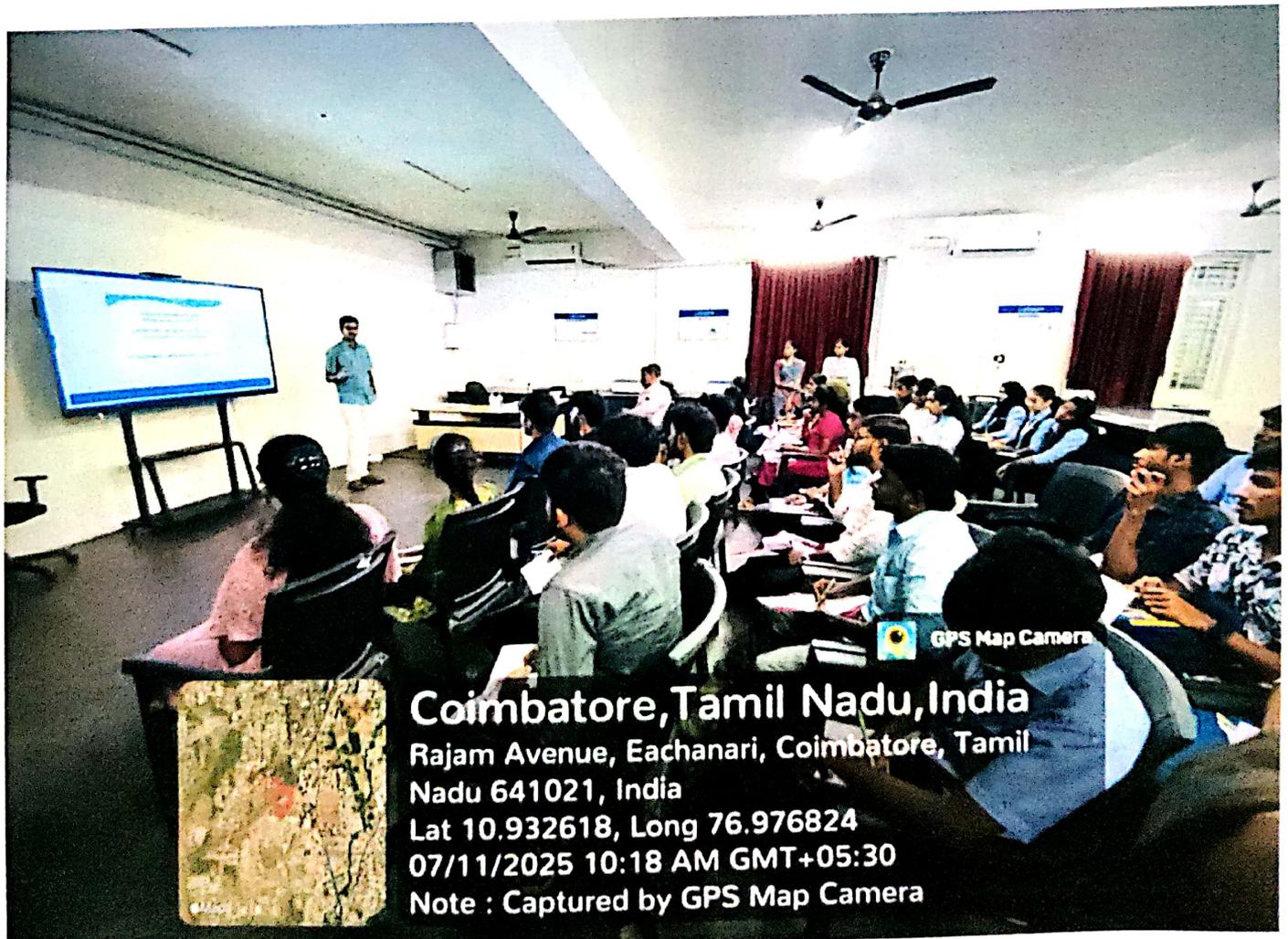


Coimbatore, Tamil Nadu, India
Rajam Avenue, Eachanari, Coimbatore, Tamil Nadu 641021, India
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GPS Map Camera

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GPS Map Camera

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Coimbatore, Tamil Nadu, India

Rajam Avenue, Eachanari, Coimbatore, Tamil Nadu 641021, India

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GPS Map Camera



Coimbatore, Tamil Nadu, India

Rajam Avenue, Eachanari, Coimbatore, Tamil Nadu 641021, India

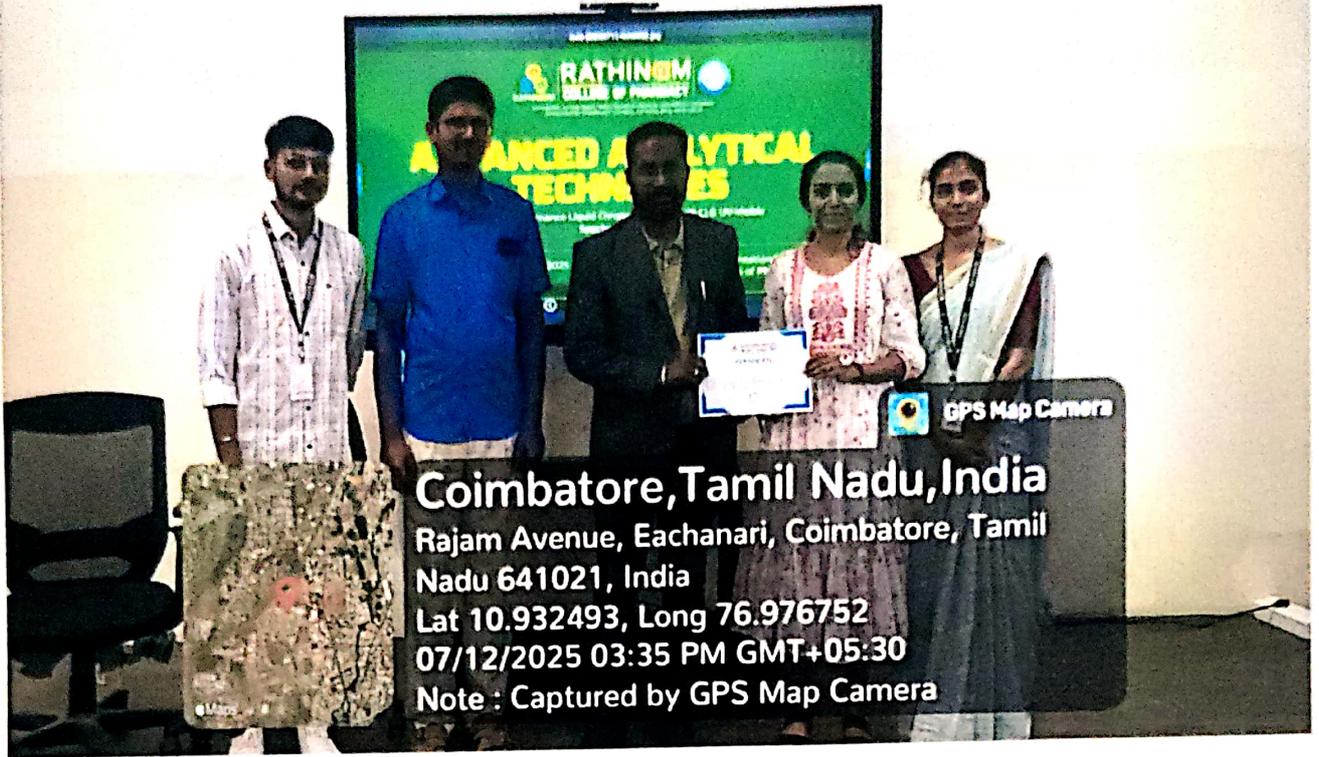
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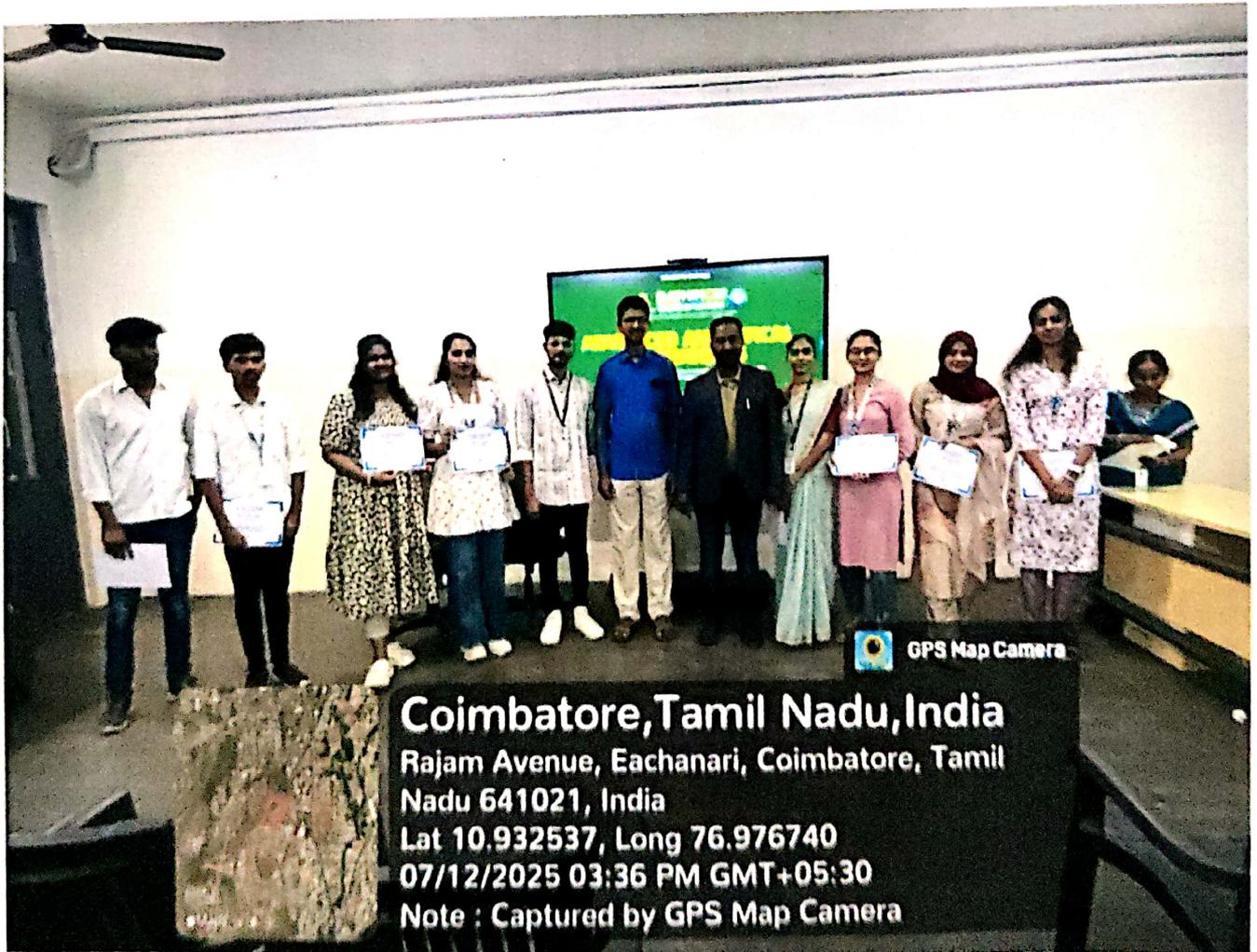
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Coimbatore, Tamil Nadu, India
Rajam Avenue, Eachanari, Coimbatore, Tamil Nadu 641021, India
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COLLEGE OF PHARMACY



Madukkarai, Tamil Nadu, India
Wxmg+5ww, Madukkarai, Tamil Nadu 641021,
India

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