



JAMAL MOHAMED COLLEGE

(Autonomous)

Accredited with A++ Grade by NAAC (4th Cycle) with CGPA 3.69 out of 4.0
(Affiliated to Bharathidasan University)
TIRUCHIRAPPALLI - 620 020

OUR 3rd
BATCH OF
TRAINING

A STATE LEVEL CERTIFICATE PROGRAMME ON SPECTROSCOPIC AND CHROMATOGRAPHIC TECHNIQUES

(A Hands-On Training)

17th to 21st February 2025

Organized by

JAMAL INSTRUMENTATION CENTRE (JAMIC)

(DST-FIST SPONSORED)

ABOUT THE COLLEGE:

Jamal Mohamed College, founded in 1951, is an Autonomous Institution and affiliated to Bharathidasan University, Tiruchirappalli. The college is situated in the heart of Tiruchirappalli City. Over the period of 74 years, the college was able to scale greater heights and rose to the present status as a multi-faculty institution with 25 UG and 20 PG Programmes. Seventeen Departments of the college are approved Research Centres. The college has the strength of 10452 students.

JAMIC:

The Jamal Instrumentation Centre (JAMIC) is funded by Department of Science & Technology, Government of India under FIST programme in 2019. This Centre is equipped with UV-visible Spectrophotometer, FT-IR Spectrometer, FT-Raman Spectrometer, Atomic Absorption Spectrophotometer and High Pressure Liquid Chromatography to enhance quality research in Basic as well as Applied Sciences carried out by Students, Scholars and Academicians in and around TamilNadu state at an affordable cost.

ABOUT THE PROGRAMME: This Programme is aiming to disseminate the knowledge on structural characterization by UV-Visible Spectroscopy, Infrared Spectroscopy, Raman Spectroscopy, Atomic Absorption Spectroscopy and separation by High Pressure Liquid Chromatography through hands-on training. It will be a platform for Post Graduate Students, Research Scholars, Academicians and Industrialists to understand the working principle, sample handling, instrument operation and interpretation of results.



UV-VISIBLE SPECTROPHOTOMETER

PROGRAMME COVERS

- Theoretical approach
- Sample Preparation
- Instruments Handling
- Spectrum Recording/Sample Separation
- Interpretation of Results

RECORD SPECTRUM FOR A SAMPLE FREE OF COST



FT-RAMAN SPECTROMETER



ATOMIC ABSORPTION SPECTROPHOTOMETER



FT-IR SPECTROMETER



BINARY HPLC

Registration Fees

Rs.: 1000/-

Last Date for Registration

15.02.2025



Registration link:

<https://forms.gle/m4CYh8JUYsMitL5d8>

Account Number:

04670200000009

JAMAL MOHAMED COLLEGE

IFSC: IOBA0000467

Organizing Secretary

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