



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

2nd
Batch of
Training

One Week Certificate Programme On

SPECTROSCOPIC AND CHROMATOGRAPHIC TECHNIQUES

(A Hands - On Training)

9th to 15th February 2024

organized by

JAMAL INSTRUMENTATION CENTRE (JAMIC)

(DST - FIST Sponsored)

ABOUT THE COLLEGE: Jamal Mohamed College, founded in 1951, is an Autonomous institution affiliated to the Bharathidasan University, Tiruchirappalli. The college is situated in the heart of Tiruchirappalli City. Over the period of 73 years, the college was able to scale greater heights and raise to the present status as a multi-faculty institution with 23 UG and 20 PG Programmes. Seventeen Departments of the college are approved Research Centres. The college has the strength of 12000 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. The Facility is available for students, Scholars and Academicians in and around Tamilnadu State

About the Programme: This Programme is aiming to disseminate the knowledge on characterization by UV-Visible Spectroscopy, Infrared Spectroscopy, Raman Spectroscopy, Atomic Absorption Spectroscopy and Column Chromatography by applying high pressure 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
Model: LAB INDIA 3000+

THE PROGRAMME COVERS

- ★ Theoretical Principle
- ★ Sample preparation
- ★ Handling of Instruments
- ★ Spectrum Recording
- ★ Data Acquisition & Interpretation

You can record spectrum for a sample free of cost



FT-IR Spectrometer
Model: ALPHA II, Bruker



FT-Raman Spectrometer
Model : Multi RAM Bruker



ATOMIC ABSORPTION SPECTROPHOTOMETER
Model : ICE FIOS



BINARY HPLC
Model : Waters 1525

Account No :04670200000009
Jamal Mohamed College
IFSC : IOBA0000467

Registration Fee Rs :1000/-
Last date for Registration
05.02.2024



Course Timing: 2.30pm to 5.30pm

Registration Link

<https://forms.gle/mxk7hx8tnQXa1u17>

Organizing Secretary
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Jamal Instrumentation Centre