

Two days National Level

"Hands-on Workshop on Advance Instrumental Techniques - 2025"

on
03rd & 04th March - 2025

Sponsored by
Gujarat State Biotechnology Mission, Government of Gujarat



Jointly Organized by



Department of Chemical Sciences (Program: Chemistry), Atmiya University, Rajkot-360005

&

**Department of Chemistry, Shri Manibhai Virani and Smt. Navalben Virani Science College,
An Autonomous College, Affiliated to Saurashtra University, Rajkot-360005**

(Accredited with A++ grade by NAAC)

ABOUT DEPARTMENT

Established in 1968, the Department of Chemistry holds the distinction of being the first and most venerable academic department at Atmiya Group of Institutes. Over the years, the department has cultivated a reputation for its seamless integration of education, research, and innovation. Currently, the Department of Chemistry offers undergraduate, postgraduate, and doctoral programs in chemistry. The department boasts state-of-the-art laboratories and well-equipped classroom facilities furnished with modern teaching and learning tools. The Department of Chemistry has adequate and competent faculty members having diverse teaching and research experience with exposure from national and international institutes. The Department has established functional Memorandum of Understanding (MOUs) with various academic, research, and industrial organizations to facilitate effective student training and placement.

ABOUT WORKSHOP

Science is a dynamic and ever-evolving field, with continuous efforts of scientists, researchers, and academicians leading to new advances and discoveries in diverse fields around the world. Graduate and postgraduate students are well versed in theoretical knowledge about the sophisticated instrumentation, gaining an understanding of practical applications often requires insights from industry experts. In this context, professionals from the industrial sector will deliver informative talk on the uses of advanced instrumentation in various chemical industries. They will also shed light on the current market landscape and its significance in the fields of pharmaceuticals, biopharmaceuticals, oil, and agriculture. In addition to these insightful talks, students will have the opportunity to gain hands-on experience with relevant techniques, including UV, IR, HPLC, Flash, GC-MS, MP-AES, and pilot plant operation and maintenance. These techniques will enable qualitative and quantitative analysis of synthesized samples. Furthermore, this platform will provide a valuable networking opportunity, allowing students to connect with a diverse range of researchers, industry professionals, and academic experts who share common interests.



INSTRUMENTS

Comprehensive Understanding, Hands on Experience, Maintenance, Troubleshooting and Data interpretation of following instruments.

- UV-Visible Spectrophotometer
- FT-IR Spectrophotometer
- Microwave Synthesizer
- Flash Chromatography
- High Performance Liquid Chromatography (HPLC)
- Gas Chromatography - Mass Spectrometry (GC-MS)
- Microwave Plasma Assisted Atomic Emission Spectroscopy (MP-AES)
- Pilot Plant

ELIGIBILITY

UG Students / PG Students / Research Scholar
(Chemical Sciences, Life Sciences, Pharmacy)

REGISTRATION FEES

Participant students: 500/- INR
(Includes: Kit, Lunch, Refreshment and Certificate)

FURTHER INFORMATION

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IMPORTANT NOTE

Registration is limited to the first 50 participants
on a first-come, first-served basis

SCAN ME



Registration Link:
<http://seminar.atmiya.ac.in/>

Last date for Registration
February 25, 2025



Chief Patron

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President, Atmiya University

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About us

ATMIYA University bestows wisdom and knowledge, established on April 13, 2018, under the Gujarat Private University Act 11, 2018, ATMIYA University emphasizes training young minds in consonance with the doctrines of higher education and human values. The aim of this University is to spread eternal happiness and to create a happy society along with education with high quality and integrity. The university is notable in the Saurashtra-Kutch region of Gujarat with many landmarks. It offers diploma to doctorate course in various stream. His Divine Holiness Hariprasad Swamiji Maharaj, the spiritual successor of Lord Swaminarayan, is the founder of ATMIYA University. With his blessing, P.P. Tyagvallabh Swamiji - successor, has envisioned Atmiya University to be a global leader in every domain of higher education.

Organizing Secretary

Dr. Sanjay Hadiyal | Dr. Bhavin Dhaduk
Dr. Satishkumar Tala | Dr. Mahesh Savant
Dr. Anilkumar Patel | Dr. Digant Joshi

COMMITTEE MEMBERS

All staff members: Department of Chemical Sciences
(Program: Chemistry)



ATMIYA UNIVERSITY

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