



Overview



Detailed Information



Resource Person Details



Coordinator Information



Outcomes



Supporting Documents



Gallery

ATMIYA UNIVERSITY

Faculty of Science

Event Details

Type of Event	Event Name	Event Start Date	Event End Date	Category
Tech-Fest	Spectrum	28-02-2026	28-02-2026	CO - Curricular Events

► Event Description:

This Sophisticated Instrumental Workshop is organized to provide participants with hands-on experience in using modern laboratory instruments. The workshop introduced key analytical tools such as IR, HPLC, GC-MS, Microwave, Heat Transfer Lab, Fluid Mechanics and Pilot Plant, focusing on their principles, operation, and safety practices. Through live demonstrations and guided practice, students enhanced their practical skills, improved their understanding of experimental techniques, and gained confidence in handling scientific equipment. The primary goal of the workshop is to enhance participants' understanding of scientific instrumentation, analytical techniques, and experimental procedures used in academic research and industrial laboratories.

Key Highlights

- Live demonstration of advanced laboratory instruments
- Hands-on training sessions
- Data analysis and interpretation guidance
- Troubleshooting and maintenance basics



► **Venue:**

Science Building

Level of Event	Atmiya Participants	Other than Atmiya Participants
National	37	1

Other Information

Coordinator Name	Any other Information
Prashant Shamjibhai Gajera	Spectrum (Instruments Scientific Workshop) is a hands-on, research-focused training program designed to provide participants with practical exposure to modern scientific instruments and laboratory techniques. The workshop bridges the gap between theoretical knowledge and real-world laboratory applications.

Resource Person Information

Resource Name	Affiliation	Designation
Dr. Govind Vagadiya	ATMIYA UNIVERSITY	Assistant Professor
Mr. Arjun Borad	Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous), Rajkot	Application Chemist
Dr. Anilkumar Patel	ATMIYA UNIVERSITY	Associate Professor
Dr. Pankajkumar Nariya	ATMIYA UNIVERSITY	Associate Professor & Head



Dr. Bhavin Dhaduk	ATMIYA UNIVERSITY	Assistant Professor
Dr. Mayur Shiyal	ATMIYA UNIVERSITY	Assistant Professor
Mr. Vishvraj Devmurari	Regional Food Laboratory, Food & Drug Control Administration, Rajkot	Application Chemist - LC-MS/MS
Er. Dhaval Tank	ATMIYA UNIVERSITY	Assistant Professor
Dr. Sanjay Hadiyal	ATMIYA UNIVERSITY	Assistant Professor

Event Co-ordinator Information

Type of Co-ordinator	Co-ordinator Name
Chief Coordinator	Dr. Prashant Gajera

► Event Outcome:

- Understand the working principles of analytical instruments
- Gain practical skills in operating laboratory equipment
- Learn data acquisition and result interpretation
- Improve laboratory safety and quality control knowledge
- Able to Apply instrumentation knowledge to academic projects, research work, and industrial applications.

► Documents Images













