



Guru Jambheshwar University of Science & Technology, Hisar

'A+' Grade NAAC Accredited State Govt. University
(Established by State Legislature Act 17 of 1995)



Workshop on Advanced Analytical Techniques 2024

March 13-15, 2024

REGISTRATION: Please fill Google form

Deadline 4th March 2024

**Limited
Seats!**

ORGANIZED BY:

Dr. APJ Abdul Kalam Central Instrumentation Laboratory (CIL)

Chief-Patron

Prof. Narsi Ram Bishnoi, Vice-Chancellor, GJUS&T, Hisar

Patron

Prof. Vinod Chhokar, Registrar, GJUS&T, Hisar

Convener

Prof. Munish Ahuja, Director, CIL

Organizing Secretary

Prof. C P Kaushik, Deputy Director, CIL

Prof. Manish Kumar, Deputy Director, CIL

About the University

Guru Jambheshwar University of Science & Technology, located in Hisar, Haryana, stands as a beacon of academic excellence since its establishment in 1995. With a keen focus on emerging fields like technology, pharmacy, environmental studies, and management, the university provides a conducive environment for research and learning. Spread over 372 acres in Hisar, Haryana, it offers picturesque landscapes and modern facilities. Accredited 'A+' by NAAC, it ranks well globally and domestically, notably in NIRF and Times Higher Education rankings. With accolades for sustainability and social initiatives, the university fosters interdisciplinary collaboration and research culture. The University has a vibrant and robust research culture, with faculty members actively engaged in interdisciplinary collaboration and innovative projects, which is evident by more than 4177 research papers published in reputed journals with citations of >89000 in Scopus and *h*-index of 120.

About the Dr. APJ Abdul Kalam Central Instrumentation Laboratory (CIL)

The Dr. APJ Abdul Kalam Central Instrumentation Laboratory (CIL), situated within the vibrant campus of Guru Jambheshwar University of Science & Technology, Hisar, has been a pivotal hub for pioneering research endeavors since its establishment in 2000. Equipped with cutting-edge facilities and spanning 7212 sq.ft, this state-of-the-art laboratory serves as a catalyst for scientific innovation in the fields of Science, Technology, and Engineering. Its modern amenities and sophisticated equipments such as LC-MS/MS, UHPLC, FE-SEM, X-Ray Diffractometer, Rheometer, Confocal Raman Microscope, Differential Scanning Calorimeter, NMR and FT-IR spectrophotometer, have facilitated transformative research experiences for scholars from over 70 academic institutions nationwide. Notably, the laboratory goes beyond mere sample testing, conducting training programs to upgrade the skills of research scholars and enhance the capabilities of technical staff.



Objectives of the Workshop

The workshop aims to provide participants with comprehensive hands-on training on advanced analytical techniques, including LCMS, Raman Spectroscopy, X-ray Diffraction, and Rheometer. Key objectives include understanding the working and operation of instrument, method development, data analysis, while emphasizing safety protocols. Participants will explore real-world applications, learn to integrate multiple techniques for comprehensive analysis, and benefit from networking opportunities with peers and industry experts.

Eligibility

The workshop is open to Masters and Ph.D. scholars, Industry Professionals etc. from the fields of Science, Engineering, and Pharmacy. Limited seats are available due to the practical-based nature of the workshop.

Topics to be covered

- Correlative Raman Spectroscopy and Imaging
- Liquid Chromatography Mass Spectrometry
- Powder X-Ray Diffraction and its Applications
- Rheometry Basics and its Applications

Registration Fees and Procedure

Master's and Ph.D Scholars: Rs. 2000/-

Industry Professionals: Rs. 5000/-

*Registration Fee includes workshop kit, tea and lunch during the workshop days.

Participants are required to fill out the Google form for registration. Only selected participants will be notified telephonically/e-mail to submit the registration fees through online mode. Participants are requested to arrange accommodation on their own.

Don't miss this opportunity to enhance your skills and knowledge in advanced analytical techniques! Register now and secure your spot. Limited seats available.

For further details, visit website -www.gjust.ac.in or contact.

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Click Link or Scan the
QR Code to Register

<https://forms.gle/FteSUYvzFAAt1PrV76>

