

Hands-on Training On

ADVANCED SPECTROSCOPIC TECHNIQUES IN IMAGING & SENSING: UV, IR, NMR, FLUOROMETER

Date and Time

8th February, 2025 (Saturday)
(09:00 AM to 4:15 PM)

Venue

Seminar Hall/Science Block
Indrashil University, Kadi
Mehsana-382715 Gujarat

Sponsored and Organized by



**INDRASHIL
UNIVERSITY**
A LIFE SCIENCES UNIVERSITY
Sustained Excellence with Relevance

**Department of Chemistry
School of Science
Indrashil University
Gujarat-382715 India**

Chief Patrons

Dr. D. J. Shah
Provost, Indrashil University
Dr. J. S. Yadav, FNA, FNASc, FNAE, FTWAS
Research Director, Indrashil University

Patrons

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Registrar, Indrashil University
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Co-Convener

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Organizing Committee

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Dr. Poulomi Sengupta
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Dr. Shally Rana
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ABOUT INDRASHIL UNIVERSITY

Indrashil University aims to provide an epitome of excellence in higher education by imparting knowledge and high-quality teaching and learning experiences to students in the fields of Chemical Biological and Pharmaceutical Sciences, Engineering and Technology domain. This university was established by its Founding Chancellor, Dr. Rajiv I. Modi in the loving memory of his parents, Shri Indravadan Ambalal Modi and Smt. Shilaben Modi, who laid the foundation stone of Cadila Pharmaceuticals Ltd. in 1951. All the programs of Indrashil University offer updated course curricula with choice-based credit system with industry-inculcated syllabus to provide future-ready skilled professionals.

ABOUT ATAL INCUBATION CENTRE (AIC-ISE)

AIC-ISE Foundation is a Section-8, not-for-profit organization under the umbrella of Atal Innovation Mission, NITI Aayog, Government of India to promote Innovation, start-ups and entrepreneurship. The flagship start-up and entrepreneurship incubator of Indrashil University is located in the University campus at Kadi, Mehsana with a vision and mission to transform ideas, start-ups into a sustainable enterprise, with the great leadership of Dr. J. S. Yadav, Former Director CSIR-IICT, Mentor & Research Director of Indrashil University. The incubation centre provides a robust ecosystem to facilitate and promote start-up and entrepreneurship in the areas of Chemical & Medicinal Chemistry, Healthcare, Biotechnology, IT/IoT, Drone, CleanTech, AgriTech, and Pharmaceutical sciences.

ABOUT THE SCHOOL OF SCIENCE

The School of Science at Indrashil University offers degree programs at the undergraduate, postgraduate and doctoral levels in the area of chemical and biological sciences. All the programs of School of Science are designed with focus on industry needs and requirements resulting to multi-faceted and job-ready professionals. The research laboratories of School of Science are equipped with highly sophisticated instruments and infrastructural facilities to provide our students necessary analytical and technical skills and to enhance their interest in research and innovation.

ABOUT THE DEPARTMENT OF CHEMISTRY

The Department of Chemistry offers B.Sc., M.Sc. and Ph.D. programs in Chemical Sciences. The faculty members of the Department of Chemistry are highly qualified with Ph.D. from National Institutes and CSIR laboratories who mentor students to make their bright career and future in allied fields. Being under the umbrella of Cadila Pharmaceuticals Ltd., students get wide exposure of academic and industrial training, which helps them choose a better career option.

SCOPE OF THE PROGRAM

Primary goal of this workshop is

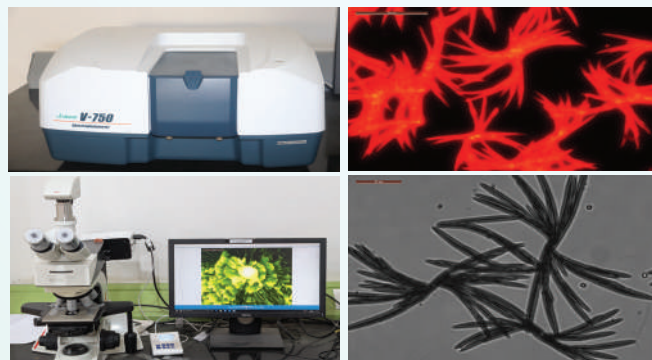
- To deepen the knowledge on the fundamental principles behind these techniques.
- Live demonstration of different sample introduction Techniques with interactive discussions.
- To understand the materials behavior, correlating structural properties relation.
- Data interpretation with acquired data, quantitative and qualitative analysis, decision making and troubleshooting.
- To boost competency and confidence to handle these techniques in their professional careers.

BENEFITS OF THIS PROGRAM

- Industry-relevant experience.
- Enhance laboratory, technical and data interpretation skills.
- Familiarity with tools and equipments.
- Opportunity to learn new analytical techniques essentially required for industrial job and careers.
- Hands-on training will help the participants to be industry-ready.
- Participation certificate will be provided after successful completion of the program.

PROGRAM SCHEDULE

09:00 - 09:30 AM	Registration and breakfast
09:30 - 09:35 AM	Lighting of lamp and Saraswati Vandana
09:35 - 09:40 AM	Welcome address by Dean, SOS
9:40AM - 9:45AM	Message by Dr. D. J. Shah, Provost, IU
9:45AM - 9:50AM	Inaugural message of the day by Dr. J. S. Yadav, Research Director, IU
9:50AM - 9:55AM	Felicitation of guests
9:55AM - 10:00 AM	About the workshop by Dr. Manasi Roy
10:00 AM - 10:40 AM	Expert talk by Dr. Vishnumaya Bisai, Associate Professor, SoS, IU
10:40AM - 11:00AM	Refreshment and Group Photo Session
11:00AM - 12:15PM	Spectroscopic Techniques-1: UV-Vis
12:15 PM - 1:15 PM	Lunch Break
1:15PM - 2:30PM	Spectroscopic Techniques -2: FT-IR& NMR
2:30PM - 3:15PM	Spectroscopic Technique-3: Fluorimeter
3:15 PM - 3:30PM	Quiz
3:30 PM - 3:40 PM	Declaration of Winners & Feedback
3:40 PM - 3:45 PM	Valedictory and Vote of Thanks by Dr. Ankit Kumar Srivastava
3:45 PM - 4:15 PM	High Tea



WHO CAN PARTICIPATE

- 10+ Class Students
- Undergraduate and Postgraduate Students
- Doctoral and Postdoctoral researchers
- Academicians and Industry professionals
- Teachers and students of higher secondary schools

Registration Fees Rs. 399/-
(Includes Kit, Lunch and High Tea)



Registration Process

Registration can be done through the registration form by scanning the QR code provided.

Early bird registration: 399/- (Till 31st January 2025)

Late registration: 449/- (After 31st January 2025)

Registration Form

Name:.....
Designation:.....
Department:.....
Organization/Institute:.....
Address:.....
.....
Phone:.....
Email:
Signature of Applicant

RegistrationLink:
<http://surl.li/vyuez>

For Registration

