

**One Day Workshop
On
“Hands-on Training on
Experimental Skills & Analytical
Techniques in Chemistry”**

Date and Time

26th April, 2024 (Friday)
(09:00 AM to 4:15 PM)

Venue

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



**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

Dr. Amish P. Vyas
Registrar, Indrashil University
Dr. Keshri Nath Tiwari
Dean, School of Science, Indrashil University

Convener

Dr. Manas Pal
Assistant Professor
Department of Chemistry, Indrashil University
Mehsana-382715 Gujarat

Organizing Committee

Dr. Nidhi Gour
Dr. Poulomi Sengupta
Dr. Chinna A. Kashamalla
Dr. Ankit Srivastava
Dr. Babli Jha
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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 field of Chemical and Biological Sciences, 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 offers updated course curriculum 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, startups 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 and Shri. Maheswar Sahu, Former Additional Chief Secretary (Industries & Mines), GoG. The incubation centre provides a robust ecosystem to facilitate and promote startup 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 research and development. 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 provide

- In-depth understanding of the state-of-the-art instruments used in chemical industry, pharmaceutical industry as well as research institutes.
- Hands-on demonstration of laboratory equipments and analytical instruments with interactive discussions.
- To boost competency and confidence to handle analytical 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 carrier.
- 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
09:30-09:35 AM	Inauguration & welcome address by Dr. Manas Pal, IU, Convener
09:35-09:40 AM	Felicitation of Guest and message by Dr. D. J. Shah, Provost, IU.
09:40-09:50 AM	Inaugural message of the day by Dr. J. S. Yadav, Research Director, IU
09:50-09:55 AM	About the Program by Dr. K. N. Tiwari, Dean, SoS, IU
09:55-10:25 AM	"Introduction to IPR & its Benefits" Mr. Dinesh Parmar, Managing Partner, Parker & Parker Co. LLP
10:25-10:40 AM	Tea Break
10:40-11:30 PM	Demonstration on Experimental skills
11:30-12:30 PM	Hands-on training on Laboratory Equipments
12:30-01:15 PM	Lunch Break
01:15-04:00 PM	Hands-on training on Analytical Instruments
04:00-04:15 PM	Valedictory Session followed by High Tea

Equipment Hands-on Training/Demonstration:

- Rotary Evaporator
- Microscope (Fluorescence and Bright Field)
- Furnace / Oven
- Shaker
- Centrifuge
- Low temperature Chiller
- Autoclave
- pH Meter

Analytical Instrument Demonstration:

- UV-Vis Spectrophotometer
- Fluorescence Spectrophotometer
- FTIR
- Karl Fischer Titrator
- NMR
- HPLC

WHO CAN PARTICIPATE

- Undergraduate and Postgraduate Students
- Doctoral and Postdoctoral researchers
- Academicians and Industry professionals
- Chemistry Teachers and Students of Higher Secondary Schools

Registration Fees Rs. 99/-
(Includes Kit, Lunch and High Tea)

Registration Process

Registration can be done through the registration link or by scanning the QR code given below.



Registration Form

Name:.....

Designation:.....

Department:.....

Organization/Institute:.....

Address:.....

Phone:.....

Email:

Signature of Applicant

Registration Link: <https://forms.gle/Q6kEuvjGhXebSbcY7>



QR code for registration & payment