



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY (Deemed to be University)

Accredited with 'A++' Grade by NAAC and Approved by AICTE
Rajiv Gandhi Road, Jeppiaar Nagar, Chennai - 600 119,



Pleasantly invites you for the

WORKSHOP ON INTERPRETATION OF INSTRUMENTAL METHODS (WIIM-2026)

to be held from 05th to 10th, January, 2026
(PHYSICAL & ONLINE MODE)

DEPARTMENT OF CHEMISTRY, SCHOOL OF SCIENCE AND HUMANITIES
&
CENTRE FOR NANO SCIENCE AND NANOTECHNOLOGY,
INTERNATIONAL RESEARCH CENTRE
in association with



DEPARTMENT OF CHEMISTRY
IIT MADRAS
Chennai - 600 036

Venue: International Research Centre, SIST
and Dept. of Chemistry, IIT Madras, Chennai

The Workshop Covers following equipment's live demo of each equipment and interpretation of results.

Spectroscopy	Microscopy	Particle Characterization Techniques
1. UV-Vis (DRS) 2. FTIR 3. FT-RAMAN 4. Fluorescence Spectroscopy 5. NMR & Mass Interpretation	1. Optical Microscopy 2. FESEM 3. HRTEM 4. Atomic Force Microscopy 5. Petrological Microscopy	1. BET Surface Area, TGA/DSC 2. Particle Size & Zeta Potential 3. Contact Angle (Powders & Films) 4. XRD/XRF & XPS

Modules:

Module 1: Introduction to Instrumental Methods

Module 2: Representation of Results

Module 3: Particle Characterization Techniques

Module 4: Microscopy and it's applications

Module 5: Spectroscopy and it's applications

Who can benefit?

Scientists, Faculty members, Postdoctoral Fellow, Research Scholars, Students from Science and Engineering branches (Biomedical / Biotechnology / Dental / Pharmacy / Medicine / Nano Technology / Minerals / Metallurgy / Chemical / Civil / Polymer / Material Science / Organic Analytical / Industrial / Physical / Surface Chemistry), Quality Control, Research and Development and wishing to improve their professional skills and handling the analytical instruments and interpretation of their results.

Registration Fee in (Rs) :

Category	Physical Mode Reg. Fee (INR)		Online Mode Reg. Fee (INR)	
	Till 30/11/2025	After 30/11/2025	Till 15/12/2025	After 15/12/2025
PG Students (M.E/M.Tech/M.Sc)	3000	4000	2000	3000
JRF/SRF/PA/Ph.D Scholars	4000	5000	3000	4000
Faculty/Scientist/Post Doc/RA/MBBS	5000	6000	3000	4000
Industrial Participant	6000	7000	5000	6000

Accommodation:

First come first serve basis and will be arranged at free of cost in the university hostels for limited participants. Accommodation will be provided for Physical mode participants only. Faculty & Scientist who require an external accomodation please contact convenors.

Important Dates:

Last Date for Registration : 30th, November, 2025

Workshop duration : 05th to 10th (Physical & Online Mode), January, 2026

Mode of Payment:

Participants can make the above prescribed amount (Non - Refundable) through NEFT/IMPS/Other mode using the following bank account details:

Bank Name: Indian Bank

Branch : Sathyabama University

Account Name: Director Innovation - Sathyabama Institute of Science and Technology

Account Number: 891734627

IFSC Code: IDIB000S201

Branch Code: 098

Registration Form

<https://forms.gle/Ti3kntf3TkQ14dMW9>

ABOUT SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

Sathyabama Institute of Science and Technology, a pioneer in engineering education, is dedicated to providing high-quality teaching and research in engineering, science, and technology. Accredited by 'A++' Grade by NAAC and ISO 9001:2008, it offers 63 Under Graduate, 38 Post Graduate and Ph.D. programs. Under the leadership of Dr. Mariazeena Johnson, Chancellor, Dr. Marie Johnson, President for the institution fosters innovation through state-of-the-art facilities like its International Research Centre, Centre for Advanced Studies and National Facility for Coastal and Marine Research (NFCMR). It has secured 265 funded projects worth ₹63.5 crores from organizations like ISRO, DST, DBT, ICMR and DRDO etc. Additionally, its 18 Village Resource Centres promote non-formal education across Tamil Nadu, enriching lives through space technology applications and advanced research initiatives.

<https://www.sathyabama.ac.in/>

ABOUT DEPT. OF CHEMISTRY, IIT MADRAS

The IIT Madras Department of Chemistry was established in 1959 and has grown to include 35 faculty, 27 staff, 30 B.S., 140 M.Sc., 250 PhD students and more than 100 postdoctoral scholars and project staff. Renowned nationally and internationally, it excels in teaching and research, with alumni achieving global recognition, including the IIT Madras Distinguished Alumni Awards. Research spans organic synthesis, atmospheric, green, polymer, and quantum chemistry, among others, supported by cutting-edge facilities like NMR, TEM, XRD, HR-QTOF, XPS, etc. Faculty have pioneered centres like NCCR and MRI, addressing societal issues like water purification through nanotechnology. Students are selected via national exams like IAT (for B.S.), JAM (M. Sc.), GATE, and NET-JRF (for Ph.D.).

<https://chem.iitm.ac.in/>

Chief Patrons

Dr. Mariazeena Johnson, Chancellor, Sathyabama Institute of Science and Technology, Chennai

Dr. Marie Johnson, President, Sathyabama Institute of Science and Technology, Chennai

Mr. J. Arul Selvan, Vice President, Sathyabama Institute of Science and Technology, Chennai

Ms. Maria Bernadette Tamilarasi, Vice President, Sathyabama Institute of Science and Technology, Chennai

Ms. Maria Catherine Jayapriya, Vice President, Sathyabama Institute of Science and Technology, Chennai

Mr. R. Akash, Vice President, Sathyabama Institute of Science and Technology, Chennai

Organising Secretaries

Dr. T. Sasipraba, Director Innovations, Sathyabama Institute of Science and Technology, Chennai

Dr. G. Sekar, Professor & HOD, Dept. of Chemistry, IIT Madras, Chennai

Convenors

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