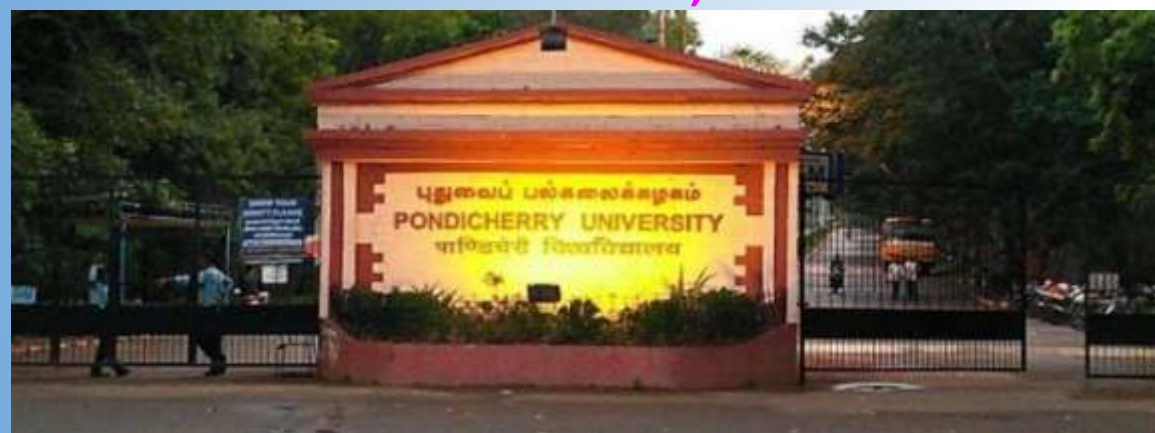


One Day National Workshop on “X-RAY PHOTOELECTRON SPECTROSCOPY” (XPS – 2026)

30th October, 2026



Organized by

Central Instrumentation Facility (CIF)
School of Physical, Chemical and Applied Sciences
Pondicherry University
Puducherry - 605 014, India.

About Pondicherry University

Pondicherry University is a Central University established by an Act of Parliament in October 1985. The University is located on the Coromandel Coast, 160 kms south of Chennai, 10 kms from the town of Puducherry, in a serene and beautiful campus of 800 acres adjoining the scenic Bay of Bengal.

It is an affiliating University with a jurisdiction spread over the Union territory of Puducherry, Lakshadweep and Andaman & Nicobar Islands, the art higher education and research that match global benchmarks by providing access, resources and opportunities, to become an institution of global eminence and to adopt to ever-changing needs of the society and industries.

The University's motto is 'Vers La Lumiere' meaning 'Towards the Light'

For more details, visit <https://www.pondiuni.edu.in/>

About CIF

The Central Instrumentation Facility (CIF) was started in Pondicherry University with a mission to enrich the resources on a shared basis for promoting R&D technological infrastructure to carry out and to strengthen advanced research in various science disciplines under one roof.

- ❖ To strengthen technological infrastructure to carry out advanced research in various science disciplines under one roof and make their services available to academic schools and departments.
- ❖ To provide guidance for acquisition of data and train personnel in operation and maintenance of Sophisticated Instruments.
- ❖ To organize Short-term Courses/Workshops on the use and application of various spectroscopic and analytical techniques for students, teachers and technical personnel from our University, affiliated Institutions, Universities and Industry in the region.

For more details, visit:

<https://www.pondiuni.edu.in/department/central-instrumentation-facility/>

State-of-the art Instrumentation Facilities @ CIF-PU

CIF well equipped with the following sophisticated Instruments:

(i) Morphological Characterization Technique

- ❖ High Resolution Transmission Electron Microscope (HRTEM)
- ❖ Scanning Electron Microscope (SEM)

(ii) Compositional Characterization Technique

- ❖ X-Ray Photoelectron Spectroscopy (XPS)
- ❖ Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)
- ❖ Semi Macro Elemental (CHNS-OX) Analyzer

(iii) Structural Characterization Technique

- ❖ Nuclear Magnetic Resonance (NMR)
- ❖ Physical Property Measurement System (PPMS)
- ❖ BET Surface Area Analyzer
- ❖ Raman Spectroscopy
- ❖ Fourier Transform Infrared Spectroscopy (FTIR)
- ❖ Particle Size Analyzer with Zeta Potential
- ❖ Thermal Analyzer (TGA-DTA-DSC)
- ❖ Ultraviolet-Visible-Near Infrared Spectrometer (UV-Vis-NIR)
- ❖ Spectrofluorometer

Goal of XPS - 2026

- ❖ The participants will understand and familiarize with the various sophisticated instruments supported by DST, GoI and other funding agencies.
- ❖ The participants will get fundamental and skill knowledge about XPS.
- ❖ The participants will get basic idea about XPS Analysis and Data Interpretation.



Chief Patron

Prof. P. Prakash Babu

Vice-Chancellor

Pondicherry University



Advisory Committee

Prof. K.Tharanikkarasu

Director (SEI & RR) & Dean (SoPCAS)

Pondicherry University



Workshop Convener

Prof. Ragupathy Dhanusuraman

Coordinator, CIF

Pondicherry University



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Dr. Karthick Balasubramanian

Senior Product Manager

Materials and Structural Analysis Division

Thermo Fisher Scientific, Chennai.



Bank Account Details

Name of the Account: CO-ORDINATOR,

CENTRAL INSTRUMENTATION FACILITY

Account Number : 773992186

Name of the Bank : INDIAN BANK

IFS Code : IDIB000P152

MICR Code : 605019011

Branch : PONDICHERRY UNIVERSITY

A/C. Type : SAVINGS

Eligibility

- ❖ UG & PG Students of Science & Engineering
- ❖ Research Scholars who are actively involved in the field of basic or allied science or engineering.
- ❖ Young Faculties/ Scientists/ Post. Doc. Fellows from University/Institute/Colleges.
- ❖ Industry professionals who are actively involved in R&D activities.



Important Dates

Registration opens on : 01.08.2026

Last date for registration : 10.10.2026

Registration fee details

Students (UG/PG)	: 500 (INR)
Research Scholars	: 750 (INR)
Faculty	: 1000 (INR)
Industry	: 2000 (INR)



Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSfcmFHE_NeRWYk5WQwz32TnLjRdMsZJZq4NBDm35b-Qcqx30Q/viewform

QR Code for Workshop Registration:

