

JC Bose University organizes National Workshop on Spectroscopic Techniques to boost Industry Quality Assurance

-University to empower Industries through Certifications with Affordable Calibration Services

One-Week National Workshop and Hands-on Training on Spectroscopic and Analytical Techniques, organized by the Central Instrumentation Laboratory (CIL) at J.C. Bose University of Science and Technology, YMCA, Faridabad, inaugurated today, which is being conducted from January 19 to 23, 2026.

The workshop was inaugurated by Prof. Rajive Kumar, Vice-Chancellor of the University, and Dr. Mohana Krishna Reddy Mudiam, Director, Institute of Pesticide Formulation Technology (IPFT), Gurugram, who graced the occasion as the Chief Guest.

In his address, Prof. Rajive Kumar, Vice-Chancellor of the University, highlighted the critical importance of such workshops for faculty members in strengthening the University's initiatives towards advanced research, skill enhancement, and industry-academia synergy. He also emphasized the role of certifications in testing and calibration for quality management systems and technical competence in industries.



Prof. Kumar noted that the Central Instrumentation Laboratory (CIL), equipped with high-end instruments, stands ready to provide advanced characterization techniques, testing, and analytical research support to industries and academia at highly affordable (minimum) rates, thereby aiding industries in maintaining rigorous quality assurance standards.

Dr. Mohana Krishna Reddy Mudiam, Director, Institute of Pesticide Formulation Technology (IPFT), Gurugram, spoke about the high relevance of workshops of this nature. He underscored the growing need for hands-on expertise in sophisticated spectroscopic and analytical techniques, particularly in areas such as pesticide formulation, environmental monitoring, quality control, and regulatory compliance. Dr. Mudiam appreciated the initiative as an effective

bridge between academic training and real-world industrial applications, essential for fostering innovation and ensuring precision in analytical sciences.

Prof. Maneesha Garg, Director, Central Instrumentation Laboratory (CIL), provided a detailed briefing on the facility during her address. She explained that the CIL serves as a common, centralized facility housing advanced scientific instruments to support teaching, research, and development activities across multiple departments. It offers access to sophisticated analytical, characterization, and testing equipment that may not be individually available at the departmental level.

Prof. Garg further stated that the five-day workshop has been designed to provide participants with in-depth knowledge, practical insights, and skill development in the relevant areas, while also encouraging interaction, discussion, and collaborative learning.

The workshop features an intensive program of expert lectures, technical presentations, and group-wise hands-on training sessions on state-of-the-art instruments. The sessions are being conducted by eminent speakers and trainers from J.C. Bose University, IPFT Gurugram, and leading industry partners including HORIBA India, ZEISS, SEMILAB, Shimadzu India, and IR Technology Services Pvt. Ltd.

