Free Press (Indore), 23rd July 2026, Page – 04

NGMFT-2026 participants visit IIT Indore labs

FP News Service
UJJAIN

On the second day of the 'Next-Gen Materials for Future Technology (NGMFT-2026)' International Symposium and Faculty Development Programme being organised at Samrat Vikramaditya Vishwavidyalaya, Ujjain (SVVU), 60 participants undertook an academic and research visit to the Indian Institute of Technology (IIT) Indore on Wednesday. During the visit, they gained first-hand exposure to state-of-the-art scientific laboratories, advanced research facilities and modern analytical instruments, enabling them to understand emerging dimensions of scientific research.

The participants first visited the Pragyan Innovation Transit Laboratory, where they were introduced to the Advanced Materials and Health and Medical Technology laboratories. Live demonstrations of various research instruments and facilities were also conducted.

At the Advanced Materials Laboratory, the participants observed facilities including a metal 3D printer, electrospinning system, chemical vapour deposition system, probe sonicator, spin coater and centrifuge. In the Characterisation Laboratory, they examined the functioning of sophisticated instruments such as the scanning tunnelling microscope, piezoresponse force microscope, spectrophotometer and contact angle meter. They also observed the research work being carried out by Junior Research Fellowship (JRF) scholars.



Participants of SVVU's International Symposium and Faculty Development Programme visit Indian Institute of Technology (IIT) Indore on Wednesday FP Photo

At the Health and Medical Technology Laboratory, participants were introduced to the operation of the polymerase chain reaction (PCR) system, High-Performance Liquid Chromatography (HPLC) and other biomedical research instruments. They also visited the Mechatronics Laboratory, where they learnt about the industrial applications of triboelectric nanogenerators and pneumatics-based systems.

The visit concluded at the Sophisticated Instrumentation Centre (SIC), where participants were briefed on the role of advanced analytical instruments in the scientific analysis of materials and research.

The project is led by IIT Indore as the hub institution, while SVVU serves as the spoke institution.

At IIT Indore, Dr Shailesh Kundalwal, head of Advanced Materials, provided participants with detailed information about the various research laboratories and facilities. The visit was led by Dr Umesh Singh, nodal officer of the National Research Foundation PAIR Project, and Prof Kamlesh Dashora, head of the Institute of Pharmacy.