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Zeiss India and Ashoka University introduce professional course in advanced microscopy

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There is a growing need for specialised training in microscopy and imaging technologies



Zeiss, a pioneer of science in optics, has announced a collaboration with Ashoka University, New Delhi, to launch a Professional Course in Advanced Microscopy (PCAM) 2026. This 12-week programme is designed to equip students and researchers with practical skills in advanced research microscopy.

Zeiss India has been working with universities and research institutions across the country to strengthen microscopy education and research capabilities. The programme is jointly designed and delivered by Ashoka University and Zeiss Academy Microscopy, Germany, and aims to strengthen India's scientific talent pipeline by providing structured training in modern imaging technologies.

The programme will introduce participants to key microscopy techniques used in modern research. It will also cover areas such as image analysis and research workflows, helping participants develop practical skills in advanced imaging. Participants will also work on group projects that address real-world research challenges, allowing them to apply their learning in practical research settings.

The course will follow a hybrid learning format, combining live online sessions with on-campus modules and hands-on laboratory training. Participants will gain exposure to advanced microscopes at the Ashoka–Zeiss Core Imaging Facility and partner laboratories including IIT Delhi. Sessions will also feature insights from leading researchers and industry experts.

The programme is open to fresh graduates, master's students, early-career researchers, and professionals. It is designed for individuals looking to build expertise in advanced imaging technologies used across fields such as life sciences, materials science, nanotechnology, and biomedical research.

Applications are open from March 1 to April 15, 2026. The programme will begin with online sessions from June 15 to July 28, 2026, followed by on-campus training and project work from July 30 to August 31, 2026.