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IIT Kharagpur becomes first IIT to introduce NMC-accredited postgraduate medical programmes

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The Institute will offer six MD specialisations with 12 seats at its Dr. B. C. Roy Multi-Speciality Medical Research Centre



In a landmark development for Indian higher education and healthcare, IIT Kharagpur, the country's first Indian Institute of Technology, has achieved another historic first, becoming the first IIT in India to introduce postgraduate medical degree (MD) programmes accredited by the National Medical Commission (NMC).

Beginning with the academic session 2026–27, the Institute will welcome its inaugural cohort of MD students at the Dr. B. C. Roy Multi-Speciality Medical Research Centre, marking a transformative expansion of the IIT system into postgraduate medical education.

The significance of this milestone extends far beyond the introduction of six medical specialisations i.e. General Medicine, Radiology, Physiology, Pathology, Community Medicine, Biochemistry. It heralds the emergence of a new model of medical education in India, one that seeks to dissolve the traditional boundaries between medicine, engineering, artificial intelligence, biomedical science and translational research.

For aspiring medical specialists, this is a rare opportunity to pursue postgraduate medical education within the interdisciplinary intellectual ecosystem of an IIT, where clinical challenges can inspire technological breakthroughs and scientific discoveries can translate into meaningful healthcare solutions.

The Dr. B. C. Roy Multi-Speciality Medical Research Centre will provide the institutional setting for a research-driven medical education ecosystem, with opportunities for interdisciplinary engagement across the Institute's extensive technological and scientific capabilities. Students will have the potential to engage with research and innovation spanning AI-assisted clinical decision-making, next-generation medical imaging, computational pathology, biomedical devices, molecular diagnostics, precision medicine, population health and affordable healthcare technologies.