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Centre for Nanotechnology opens in IIT-Guwahati

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The centre aims at meeting future challenges and augmenting academic partnerships with the industry in nanotechnology



Dharmendra Pradhan, Minister of Education, Skill Development and Entrepreneurship visited IIT Guwahati and inaugurated the state-of-the-art Centre for Nanotechnology (CNT) and Centre for Indian Knowledge System (CIKS) as well as two hostels at the institute.

Centre for Nanotechnology (CNT) aims at meeting future challenges and augmenting academic partnerships with industry in nanotechnology. The major funding for the centre, which included Rs 37 crore for the building, apart from equipment, was obtained from the Ministry of Education (MoE) and the Ministry of Electronics and Information Technology (MeitY), Government of India.

It will host 25 advanced laboratories that will focus on advancements in multi-disciplinary, scientific and translational research and is equipped with Class-100 cleanroom facilities integrated with state-of-the-art fabrication, characterisation and testing laboratories.

The key outcomes expected from the Centre for Nanotechnology include nano-enabled healthcare, energy harvesting, and LED prototypes, devices and technologies, start-ups/ incubation ecosystem, high-end R&D outputs, capacity building of highly skilled manpower in the area of nanofabrication and nanoelectronics, etc.