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# IIT Kharagpur partners with TCS to launch advanced research centre for innovation in Digital Health, Robotics & Intelligent Systems

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**New Centre to house three state-of-the-art labs that enable TCS scientists to work on cutting-edge technologies**



The Indian Institute of Technology (IIT) Kharagpur (KGP) has partnered with Tata Consultancy Services (TCS), a global leader in IT services, consulting, and business solutions to set up an advanced research centre to produce high-quality research in the areas of digital health, robotics and intelligent systems leveraging cutting-edge computing, embedded systems, and artificial intelligence (AI).

Located in IIT Kharagpur Research Park in New Town, Kolkata, the TCS Research Centre will feature three state-of-the-art laboratories where over 150 TCS scientists will explore cutting-edge technologies and push the boundaries of innovation.

The laboratories will be in the domains of – Sensing and Communications, Edge Computing and Analytics, and Robotics and Visual Computing. Researchers will have access to state-of-the-art equipment at the centre enabling them to accelerate innovations in cutting-edge technologies such as edge computing, embedded systems and Artificial Intelligence.

The centre will anchor TCS-funded research programmes that will be launched in partnership with academic partners, including IIT KGP. The TCS Research Centre at IIT KGP will also boast of a customer experience centre where TCS clients across industries such as mining, agriculture, mobility, healthcare, manufacturing, and retail can gain exclusive experience of original research concepts by TCS.

Workshops held at the customer experience centre will be open to external participation where TCS scientists, industry subject matter experts as well as the IIT KGP faculty will collaborate to find solutions to industry problems. Building on the strong relationship shared by TCS and IIT KGP, this centre will serve as a pioneer for setting-up similar labs in the future.