IIT Roorkee
&
Microsoft Launch A Course On Quantum Computing
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Intro

- n a first, Indian Institute of Technology Roorkee (IIT Roorkee) partnered with Microsoft Garage India for quantum computing course for a full semester. IIT Roorkee is the first in India to introduce a full semester elective on quantum computing.

- As per a statement, BTech and MTech students can choose the course as a pool elective. The course, which has been structured by IIT Roorkee and Microsoft, will provide the students, access to Q# Programming Language practical examples, Microsoft Quantum Development Kit and Microsoft Quantum Faculty.

- While enterprises don't really expect an overnight revolution in the quantum computing world, it has drawn the attention of the student community. Students today are aware of quantum computing's ability to run a myriad of conflicting parameters and variables at a pace that is unparalleled. Microsoft's quantum computing program which has been running for more than 15 years, helps students understand the technology, develop practical applications, and build the quantum workforce of the future. Microsoft experts will provide engineers at IIT Roorkee a unique approach to learn quantum computing with real-world experiments and access to tools.

Intro

- According to Professor Ajit K. Chaturvedi – Director IIT Roorkee, said, "I look forward to this collaboration between Microsoft Garage and IIT Roorkee, as it is a great opportunity for our institute and students to grow and learn through this quantum computing program. We believe that together we will be able to deliver and achieve our respective goals."

- Talking about the scope of partnership, Reena Dayal, Director, Microsoft Garage India, said, "This collaboration between Microsoft Garage and IIT Roorkee represents another step towards empowering students to create futuristic innovations. With Microsoft's experience in the field of quantum computing, we aim to make the technology more accessible and enhance the learning journey of engineering students. The partnership will create a new learning experience for students and help them build impactful solutions."

- https://docs.microsoft.com/en-us/quantum/quickstarts/install-jupyter?tabs=tabid-conda

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