

IIT Roorkee partners with Coursera to offer online courses

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Programs in Data Science and AI and ML to be launched in early 2021

IIT Roorkee will launch both these programs on Coursera in early 2021

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Indian Institute of Technology (IIT) Roorkee has partnered with Coursera, the world's leading online learning platform, to launch new online programs and certifications for a global audience. IIT Roorkee plans to launch high demand programs like Advanced Certification in Artificial Intelligence (AI) and Machine Learning (ML) and Certification in Data Science, with a goal to expand its online program portfolio on Coursera as part of a commitment to make the coveted institution accessible to learners around the world.

The Advanced Certification in Artificial Intelligence (AI) and Machine Learning program will enable learners from around the world to learn AI/ML skills from India's top technology institute. It is a six months program and is a unique combination of expert lectures, hands-on labs, tutorials, team projects, and workshops ensuring fast-track learning along with building knowledge on coding and mathematics necessary for building expertise in AI/ML besides equipping with classical ML techniques and algorithms, programming with TensorFlow for easy model building, robust ML production and powerful experimentation among others.

Certification in Data Science program is designed to equip professionals with competencies in the core focus areas of Data Science, Machine Learning, Critical Thinking, Data Collection, Data Visualisation and Data Management. The course will develop programming skills in Python and SQL relevant, help learners

understand the algorithms used in data analytics, and build knowledge about the selected machine learning algorithms such as linear models, kNN, SVM, Trees, Random forest, and neural networks and much more. The program requires no prior knowledge of coding in Python, R or SQL.

With this partnership, IIT Roorkee joins the ranks of 170 top universities, including Yale, University of Michigan, Stanford and Imperial College of London — that offer programs on Coursera. Coursera's 67 million learners across 190 countries will now be able to access IIT Roorkee's highly sought-after and job-relevant programs.

"Coursera is a leading online learning platform. We are delighted to partner with Coursera to help fulfil the goal of inclusive education of the New Education Policy. Further, this partnership will help us reach out to a global audience of students and professionals aspiring for quality teaching in these sought after areas," said Prof. Ajit K. Chaturvedi, Director, IIT Roorkee.

"IIT Roorkee is one of India's top and oldest engineering schools, and millions aspire to learn from this illustrious institution," said Jeff Maggioncalda, CEO of Coursera. This partnership makes the institution accessible to a global audience. Now anyone anywhere can take the institute's high-quality programs to learn skills of the future."

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