

Mehta Family School of Data Science and Artificial Intelligence

Indian Institute of Technology Roorkee



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About the Mehta Family School of Data Science & Artificial Intelligence



The Mehta Family School of Data Science and Artificial Intelligence (MFSDSAI) at IIT Roorkee represents one of the institute's most recent academic units, having been established in 2021 through the generous support of the Bhupat & Jyoti Mehta Family Foundation. The school is committed to advancing education and research in the fields of Artificial Intelligence (AI) and Machine Learning (ML), offering a comprehensive array of courses at all academic levels.

The Bachelor of Technology (<u>B.Tech</u>) in Data Science and Artificial Intelligence is a rigorous undergraduate program designed to equip students with cutting-edge skills. At the postgraduate level, we offer two Master of Technology (<u>M.Tech</u>) programs and a Doctor of Philosophy (Ph.D.) program. Annually, we admit approximately 45 <u>B.Tech</u> students and 50 <u>M.Tech</u> students, while currently hosting around 25 Ph.D. scholars. Additionally, professionals from various industries and research laboratories engage in sponsored postgraduate studies at our institution.



MFSDSAI is supported by a dynamic team of 22 faculty members, including regular, joint, and visiting faculty with expertise across multiple domains. As we continue to expand rapidly, we have faculty openings at both junior and senior levels and invite applications for visiting faculty positions.

The school will soon be housed in a new, 36,000-square-foot building, a dedicated facility on IITR's main campus. The school offers bachelor's, master's, and doctoral degree programs, providing invaluable experiences to students poised to solve some of today's most pressing problems.

Why to join MFSDSAI at IIT Roorkee:

- IIT Roorkee is recognized as one of the premier academic institutions in India, providing a platform for collaboration with exceptionally talented students and facilitating contributions to innovative research.
- The institute actively promotes faculty engagement in diverse research areas, offering access to state-of-the-art laboratories and an initiation grant of up to ₹20 lakh.
- Newly appointed faculty members joining as Assistant Professors are eligible for an additional fellowship of ₹30,000 per month for a duration of three years, in conjunction with a one-time grant of ₹2 lakh for the procurement of laptops, printers, and other essential resources.
- On-campus accommodation is available for faculty and students.
- The institute has implemented a Technology Readiness Level (TRL) boosting scheme aimed at advancing patented technologies toward commercialization.
- Ph.D. students receive financial support through the Institute Assistantship program.



About IIT Roorkee



The Indian Institute of Technology Roorkee (IIT Roorkee) is the oldest technical institute in the Indian subcontinent, having been established in 1847. In recognition of its significant contributions to the nation's development over more than a century, this esteemed institution was elevated to university status, becoming the first technical university in India in 1949. Subsequently, on September 21, 2001, the Government of India designated the University of Roorkee as IIT Roorkee, further enhancing its status as an institute of national importance. Over the years, IIT Roorkee has developed and maintained an excellent academic reputation. The city of Roorkee serves as a gateway to various pilgrimage sites and notable locations such as Haridwar, Rishikesh, and Mussoorie. It is well-connected by road and is situated approximately 180 kilometers north of Delhi.

Vision

To attain global level of excellence in education and to create a sustainable and equitable society through innovative research in science and technology.

Mission

To create an environment that shall foster the growth of intellectually capable, innovative and entrepreneurial professionals, who shall contribute to the growth of Science and Technology in partnership with industry and develop and harness it for the welfare of the nation and mankind.





