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IHub-Data unveils course on machine learning for chemistry, drug design

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12-week certificate course with special emphasis on drug discovery



IHub-Data in collaboration with IIIT-Hyderabad is offering a 12-week course on 'Machine Learning for Chemistry and Drug Design' with special emphasis on drug discovery. The course is slated to commence from March 10, 2022.

Participation is open to students, researchers, professionals with a background in sciences who wish to understand methods and applications of AI/ML in domains like chemistry, biology and pharmaceutical Science. Students and professionals with a background in computer science who wish to understand applications of AI/ML in other domains would also find the course very stimulating.

The course offers fundamental theoretical and practical concepts in AI/ML and their application for Drug Discovery. There would be a series of lectures covering topics in both Sciences and AI/ML to help build a strong theoretical foundation. There will also be accompanying hands-on tutorial sessions to help the participant's pick up practical problem-solving abilities. An understanding of mathematics at the +2 level is deemed essential for participants. Knowledge of any programming language would be highly beneficial.

The participation fee for this 12-week course is Rs 7,500 for UG/Masters students, Rs 15,000 for Ph.D/Post Doc students and Rs 30,000 for industry professionals.