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IBM renews collaboration with IIT-B and IISc to drive hybrid cloud innovation including generative AI

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To address problems of national importance, such as affordable healthcare



American technology corporation IBM has renewed its research collaboration with Indian Institute of Technology, Bombay (IIT-B) and Indian Institute of Science (IISc), Bengaluru to transform and drive breakthrough innovations in the field of hybrid cloud and artificial intelligence (AI).

IIT-B joined the IBM AI Horizon Network in 2018 to advance AI research in India, and in 2021, IBM and IISc launched the IBM-IISc Hybrid Cloud lab to advance research in hybrid cloud technologies and drive breakthrough innovations in this area.

Through the collaboration, IBM aims to drive innovation and provide practical solutions to complex global challenges by tapping the intellectual talent of students, faculty and industry researchers. By pushing the boundaries of knowledge and exploring new approaches, the project seeks to enhance various aspects of technology and contribute to a more advanced and efficient future.

The collaborations will focus on machine learning for time series involving deep generative AI models for multi-variate data, and self-supervised representation learning models. These innovations can bring the power of foundation models and generative AI to multiple application areas such as healthcare, Industry 4.0 and smarter cities.

The collaboration will also focus on extending the prior research in natural language processing and question answering while striving to provide more comprehensive and accurate responses.