



भारतीय प्रौद्योगिकी संस्थान खड़गपुर

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Office of International Relations

Ref. No.: 1482/2022/OIR

13th April 2022

As per the MoU signed between the Indian Institute of Technology Kharagpur (IIT KGP) and the Virginia Tech (VT), a Certificate Program in Business Analytics and Artificial Intelligence is being organized from May 30, 2022 to January 07, 2023. The course will be conducted on Saturdays using online mode where a number of faculty members from IIT KGP and VT will be taking the online classes (list is attached). Among the applicants 100 candidates will be shortlisted for the course. At this point we got the consent from Prof. T. K. Sen of VT for increasing the strength of the candidates from 60 (originally proposed in MoU) to 100 (consent email is attached). The application fee is considered as INR 500 (For foreign national USD 10\$) and the course fee (for the shortlisted candidates) is considered as INR 1,00,000 (USD 1500 for foreign national) + GST (18%). The course content is also placed for your kind perusal and necessary approval please.

Submitted please.

Associate Dean, International Relations / Ranking

Associate Dean, OUTREACH (CE&T/IOE)

Dean, OUTREACH

Deputy Director

Director

Chief Faculties

Prof. Tarun Sen (Virginia Tech)
Prof. Swagato Chatterjee (IIT Kharagpur)
Prof. Pabitra Mitra (IIT Kharagpur)
Prof. Reza Barkhi (Virginia Tech)
Prof. Sujoy Bhattacharya (IIT Kharagpur)
Prof. Sourav Mukherjee (IIT Kharagpur)
Prof. Alok K Deb (IIT Kharagpur)
Prof. Barbara Fraticelli (Virginia Tech)
Prof. Ali Habibniah (Virginia Tech)
Prof. Jacob Shortt (Virginia Tech)
Prof. Satyam Priyadarshi (Haliburton)

Course Content

Module
Statistics for Business Analytics
Classification and Clustering Methods
Neural Networks, Deep Learning, and Decision Trees; Hands-on Pytorch, TensorFlow (Colab/AWS/Azure)
Visualization and Storytelling with Data
Big Data
Application Domains and Case Studies: Computer Vision, NLP and Sentiment Mining, Time Series Modeling, Integration with other Technologies
Industry Talk Series