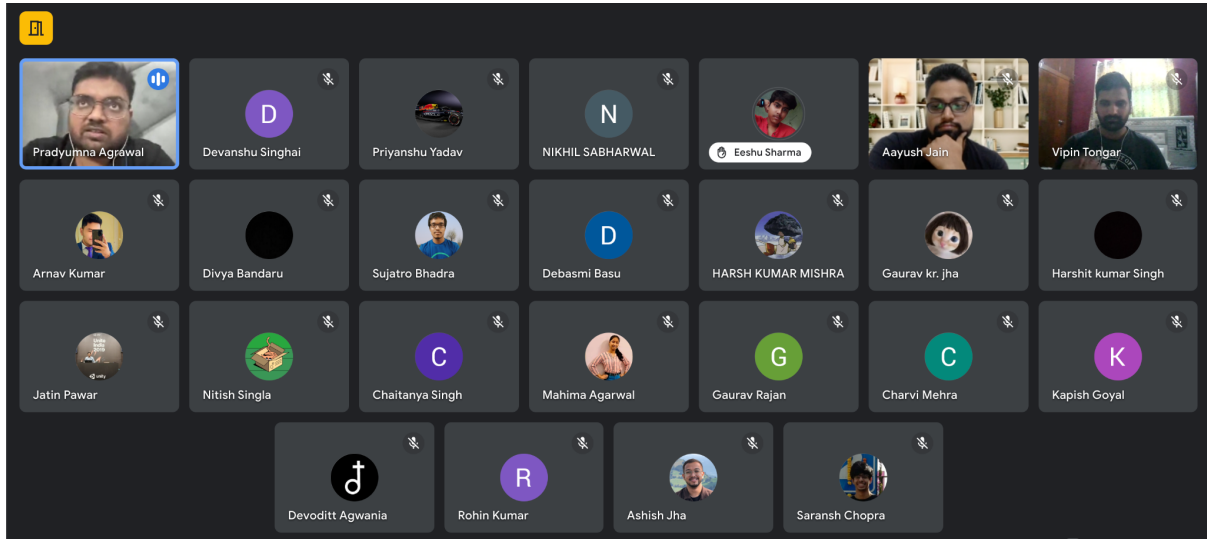


Computational Finance and interaction with the 2016-2020 batch



Definitely missing a few alums here, they joined a little late or are not visible in this frame.

A session on Computational Finance was recently organized for the first and second-year students of Cluster Innovation Centre, University of Delhi. This session was headed by the Cluster Innovation Centre's distinguished alumni, Pradyumna Agrawal. Pradyumna Agrawal completed his B.Tech. in Information Technology and Mathematical Innovations from Cluster Innovation Centre, University of Delhi, in 2020 and then pursued a Masters of Predictive Analytics in Finance and Investment Analytics from Curtin University, Australia. The 4th year students (like me) remember him as the senior who taught our seniors because he was known for fantastically teaching economics to his junior batches in the absence of a faculty. According to him, this teaching exposure at CIC made him like teaching as a profession, and he is currently employed as a Research Assistant and Sessional Academic at Curtin University.

The session started with a brief introduction to markets, their operations, the legalities, and how traders employ various legal strategies to maximize their profits. He further explained how these algorithms are nothing but a combination of Mathematics and Computer Science, with a sprinkle of Finance, and all of these subjects are taught at CIC. The session then proceeded to a hands-on section, where he coded a basic algorithm for maximizing his returns, and the students followed along. The hands-on part was mainly based on Python and Open-Source financial libraries available for Python. The session concluded with students asking their general and Computational Finance specific doubts. We also discussed his time at CIC and how the Centre is changing and growing every year.

In the end, we were surprisingly joined by more alumni from the 2016-2020 batch. Alums, including (but not limited to) Aayush Jain, Vipin Tongar, Jatin Pawar, Ashish Jha, Vaibhav Jain, and Shreyas Sachan, joined the meeting and discussions with juniors. I was meeting

some of these alumni for the first time too, and chatting with them was terrific. The discussions revolved around their career and life trajectories, their fantastic time at CIC, and how juniors can contact them or other alums for help.

In the end, the first and second-year students were satisfied with the session and requested more such sessions. We were very grateful to all the alumni, especially Pradyumna Agrawal, for taking time out of their busy lives to join this session!

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