Collaborative Teaching - Dr. Jayatu Sen Chaudhury and Dr. Bappaditya Mukhopadhyay

Name of the faculty	Dr. Jayatu Sen Chaudhury and Dr. Bappaditya Mukhopadhyay
Position	Professor of Finance and Analytics Leading DataLab Initiative for Great Lakes Professor of Business Analytics and Finance
Qualification	PhD, MA (Economics) - BOTH
Experience & Expertise	- Over 26 years of corporate experience – in the BFSI Sector – India and International Markets. Specializing in Application of Analytics to Solve Real world Business problems, Establishing Analytics Center of Excellence and Big Data Lab for MNCs. Chairing of Global Modeling Committees and Being Board Member for MNC's India Business. -Over 25 years of teaching experience in various leading Business Schools in India; Visiting faculty at various Universities abroad; Executed various implementable research with policy directions
Course Name and Year	Derivative Financial Risk Management & Financial Risk Analytics, AY 2023-24 onwards
Area of Difficulty/Improvement	Application of Concepts in Finance to solve Real World Problems through Collaborative interaction of Faculties.
Description of the Difficulty/ Need for improvement	Students forget very quickly the learnings and takeaways of key concepts of the course. Most students are new to Risk Management as a subject. These courses have a lot of information download which they hear for the first time. The application of the concepts to real world even gets harder and needs to be improved.
Innovation Name	Collaborative Teaching: Solving Real world Problems from different Perspectives – using the same core principles of Risk Management.
Description of the Innovation	Students are explained the concept -like Derivative pricing and its properties. Then students are posed to distinct set of real-world problems. First, how the above financial instruments can be used for purpose of hedging the Risk of the Portfolio Second, how the above instruments can also be used to increase the returns of the overall portfolio using them as investment tools.

	Subsequently, Students are provided with real world examples with real data – to demonstrate both the above outcomes. There is healthy debate between the faculty and the students to understand the pros-cons of both the approaches above. Students are then asked to also simulate the same to improve their own understanding of the exercise.
Learning Outcomes	Students develop a complete 360-degree view of the entire application of derivatives under different scenarios and its implications for portfolio risk. Help them to be better equipped to handle job interview and obtain placements
Other significant outcomes	Students are exposed to understanding concepts and its interaction with the Complexity of Real-world problems from various perspectives.
Assessment of Innovation **a. Is effectiveness tangible** **b. If YES, Evidence of effectiveness**	a. Effectiveness is tangible for sure. b. Better performance of the Students in the Case Study Presentation and End Term Exams
Is it Replicable?	YES in those courses where there are competing ideas with respect to a Business Problem. And require multiple tools to address the different facets of the questions.
Any other Remarks	Requires Effective Collaboration across faculties to prepare the material in the way to pose the sets of contrasting questions and solving them in the class with real work examples.