

Indian Institute of Technology Guwahati
Proposal for a New Course/ Revision of a Course

Course Number & Title: BM 670H & Supply Chain Management	
L-T-P-C: 4-0-0-4	
Type of Letter Grading (Regular Letter Grades / PP or NP Letter Grades): Regular Letter Grades	
Kind of Proposal (New Course / Revision of Existing Course): New Course	
Offered as (Compulsory / Elective): Elective	
Offered to: Masters of Business Administration (MBA)	
Offered in (Odd/ Even / Any): Any	
Offered by (Name of Department/ Center): School of Business	
Pre-Requisite: NIL	
Preamble / Objectives (Optional):	
<p>Course Content/ Syllabus (as a <i>single paragraph</i> if it is not containing more than one subject. Sub-topics/ Sections may be separated by commas(,). Topics may be separated by Semi-Colons(;). Chapters may be separated by Full-Stop(.). While starting with broad heading, it may be indicated with Colon symbol before the topics. For example: <i>Multi-variable Calculus: Limits of functions, Continuity,</i>)</p> <p>Overview of supply chain management; Supply chain performance; Bullwhip effect; Reverse bullwhip effect; Demand forecasting; Supply chain contracts; Supply portfolio: static, dynamic, resilient; Integrated supply chain management and production scheduling; Fair and robust decision making under disruption risk; Information flow disruption management; Supply chain visibility; Inventory Management models for multi-echelon supply chain; Uncertainty: safety inventory; Issues in distribution planning; Network planning; Vehicle routing; Transportation networks; Supply chain twins.</p>	
Books (In case UG compulsory courses, please give it as "Text books" and "Reference books". Otherwise give it as "References".)	
Texts: (Format: Authors, <i>Book Title</i> in <i>Italics</i> font, Volume/Series, Edition Number, Publisher, Year.)	
1.	Chopra, S., Meindl, P., & Kalra, D. V., <i>Supply chain management: Strategy planning, and operation</i> , 6 th edition, Pearson Education India, 2017.
2.	Simchi-Levi, D., Simchi-Levi, E., & Kaminsky, P., <i>Designing and managing the supply chain: Concepts, strategies, and cases</i> , 3 rd edition, Tata McGraw-Hill, 2008.