

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

Course Number & Title: BM 667H & Warehouse 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 single paragraph 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>Issues, equipment, processes: warehouse rationale, material flow, warehouse operations, storage and handling equipment; Layout: layout of a unit-load area, layout of a carton-pick-from-pallet area, layout of a piece-pick-from-carton area, detailed slotting; Detailed slotting: routing to reduce travel, work flow and balance; Automation: carousels, A-frames and AS/RS; Special topics: crossdocking, activity profiling, benchmarking, designing warehouses to be efficient.</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.	Richards, G., <i>Warehouse management: a complete guide to improving efficiency and minimizing costs in the modern warehouse</i> , 3 <sup>rd</sup> edition, Kogan Page Publishers, 2018.
2.	Keller, S. B., & Keller, B. C., <i>The Definitive Guide to Warehousing: Managing the Storage and Handling of Materials and Products in the Supply Chain</i> , Pearson Education, 2013.