**Name of the Teacher: Dr. Ekta Anand, Class: M.Com IInd Year (IT),**

**Subject: Operational Management (MCIT - 303)**

**Lesson Plan**

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | **Joined on 28th July, 2017, General Discussion on Syllabi, Discussion on Introduction of Operational Management** | **-** |
|  | **01-31 Aug 2017** | **Role and Scope of Operations Management, Operations Strategy, Operations Management as an Inter-Functional imperative. Types and Characteristics of Manufacturing systems, Product Planning and Design: Operations and the Life Cycle, Developing New Products. Forecasting Demand: Forecasting methods, Forecast Errors. Plant Location: Factors & Quantitative Models, Plant Layout: Models & Techniques, Assembly Line Balancing.** | **PPT on Operations Management as an Inter- Functional Imperative, Forecasting Methods and Errors** |
|  | **01-30 Sept 2017** | **Capacity Planning, Materials requirement planning: procedure, benefits and disadvantages. Scheduling: scheduling jobs on machines, control of schedules, scheduling in services, Introduction to Statistical Quality Control: Process Charts & Acceptance Sampling, PERT and CPM, Application of OR techniques to Operations Management such as Transportation, Assignment, Sequencing.** | **Group Discussion on Techniques of Operational Management, Discussion on Current Budget and GST** |
|  | **01-31 Oct 2017** | **Inventory Management, Planning and Control: Inventory concepts, Scope, Objectives & Functions of Inventory Control, Classification of Inventories, Inventory costs concepts, Selective Inventory Control Systems.** | **PPT on Inventory Management Planning and Its Control Systems** |
|  | **01-13 Nov 2017** | **Inventory Control Models: Economic Order Quantity (EOQ) with & without shortages, EOQ under Fluctuating Demand, EOQ with Quantity discounts, Economic Production Quantity (EPQ), Fixed Order Cycle (FOC) and Fixed Order Quantity (FOQ) Systems. Revision and PPT from students.** | **PPT on Models of Inventory Control, One Minute Fame Game, Role Play Game** |

**Topics of Assignments/ Class Tests to be given to the Students:**

|  |  |
| --- | --- |
| **Assignment 1** | **Role and Scope of Operational Management and Its Inter Functional Imperative.** |
| **Assignment 2** | **Models of Inventory Control Management.** |
| **Class Test** | **Models of Inventory Management, Production Planning and Design.** |