Syllabus Outline

1. **GENERAL**
1.1 **COURSE TITLE: Information Technology for Managers**
1.**2 COURSE NUMBER:** MT5602
1.3 **CONTACT HRS:** (30 Hours- Teaching & 10 hours- Project) Credits: 8
1.4 **SEMESTER -OFFERED:** 1st
1.5 **PREREQUISITE**:
1.6 **SYLLABUS COMMITTEE MEMBER**: Dr. Kavita Srivastava & Dr. Rohit Bansal

2. **OBJECTIVE**
☐ Develop an understanding of how information technology is used to support managerial decision making.
☐ Exposure to IT application tools to analyze data and interpret the results.
☐Exposure to the latest and emerging trends in information technology.
☐ Develop an understanding of how e-business is used to attain competitive advantage.
☐ Develop an understanding of e-business infrastructure and technologies.

3. **COURSE CONTENT** (Unit wise distribution of content)
Unit 1 Introduction to Excel as an Analytical Tool 03 Hours
Unit II Excel Functions & Formulae 03 Hours
Unit III Using Excel for Business Reporting and MIS 03 Hours
Unit IV Managing Marketing Data 03 Hours
Unit V Using Excel for Financial Decisions 03 Hours
Unit VI Using Excel for Business Forecasting 03 Hours
Unit VII Advanced Data Handling Tools of Excel 03 Hours
Unit VIII Decision making through Simulation 03 Hours
Unit IX E-business and Information Technology applications 03 Hours
Unit X Information Technology applications in other areas 03 Hours

4. **READINGS**
4.1 TEXT BOOKS: Information Technology for Management: Ramesh Behl McGraw Hill ,

4.2 REFERENCE BOOKS:
Wayne Wintson, *Microsoft Excel 2019 Data Analysis and Business Modeling* (6th Edition)

5. OUTCOME OF THE COURSE: Students will be able to understand the latest and emerging trends in information technology