

Add on course 2022-23		
DISASTER MANAGEMENT		
Duration: 30 Hours	Department of Commerce	Course code: COM-DM
<p>Course Description: This course provides an overview of disaster management principles, strategies, and practices. Students will examine various types of disasters, including natural, technological, and human-induced, and learn about mitigation, preparedness, response, and recovery efforts. Through case studies, simulations, and real-world examples, students will develop the knowledge and skills necessary to effectively manage disasters and mitigate their impacts.</p>		
<p>Course Objectives:</p> <ol style="list-style-type: none"> 1. Understand the concepts and principles of disaster management. 2. Identify different types of disasters and their causes. 3. Analyse the phases of disaster management: mitigation, preparedness, response, and recovery. 4. Evaluate disaster risk assessment and vulnerability analysis. 5. Develop strategies for disaster preparedness and response. 		
Module 1:		06 Hours
<p>Introduction to Disaster Management: Definition of disasters, Historical overview, Importance of disaster management Types and Causes of Disasters: Natural disasters (e.g., earthquakes, floods, hurricanes), Technological disasters (e.g., industrial accidents, transportation incidents), Human-induced disasters (e.g., terrorism, conflicts).</p>		
Module 2:		06 Hours
<p>Disaster Risk Assessment and Vulnerability Analysis: Risk assessment methodologies, Vulnerability analysis techniques, Risk communication. Disaster Mitigation: Strategies for reducing disaster risk, Land-use planning and zoning, Infrastructure resilience.</p>		
Module 3:		07 Hours
<p>Disaster Preparedness: Emergency planning and coordination, Community-based preparedness initiatives, Early warning systems. Disaster Response: Incident command system, Search and rescue operations, medical care and triage</p>		
Module 4:		08 Hours
<p>Disaster Recovery: Post-disaster needs assessment, Reconstruction and rehabilitation, Psychosocial support. Public Health and Disasters: Epidemiological surveillance, Disease outbreak management, Environmental health concerns.</p>		
<p>Textbook: "Introduction to Emergency Management" by George D. Haddow, Jane A. Bullock, and Damon P. Coppola</p>		
<p>References:</p> <ol style="list-style-type: none"> 1. "Disaster Management: International Lessons in Risk Reduction, Response, and Recovery" edited by David Etkin, J. Eugene Haas, and A.J. McMichael 2. "Principles of Emergency Management and Emergency Operations Centers (EOC)" by Michael J. Fagel 		



Financial Intelligence: Navigating the Numbers of Business

Duration: 30 Hours

Course code: COM-FIN

Course Description:

This course provides an in-depth exploration of financial principles and practices essential for effective decision-making in business environments. Participants will develop a comprehensive understanding of financial statements, analysis techniques, and key performance indicators, enabling them to interpret financial data and make informed strategic decisions.

Course Objectives:

1. Understand the fundamental concepts of financial accounting and their significance in business operations.
2. Analyse and interpret financial statements, including balance sheets, income statements, and cash flow statements.
3. Apply financial ratio analysis to assess a company's liquidity, profitability, and solvency.
4. Evaluate capital investment decisions using techniques such as net present value (NPV) and internal rate of return (IRR).
5. Explore cost analysis methods to understand and manage business expenses effectively.
6. Learn about budgeting and forecasting techniques to support strategic planning and control.
7. Understand ethical considerations in financial reporting and decision-making.

Module 1:

7 Hours

Introduction to Financial Accounting: Overview of financial accounting principles, Importance of financial information in decision-making, Regulatory framework and standards (e.g., GAAP, IFRS). Financial Statements Analysis: Balance sheet analysis: assets, liabilities, and equity, Income statement analysis: revenue, expenses, and profitability, Cash flow statement analysis: operating, investing, and financing activities.

Module 2:

7 Hours

Financial Ratio Analysis: Liquidity ratios: current ratio, quick ratio, Profitability ratios: gross margin, net profit margin, Solvency ratios: debt-to-equity ratio, interest coverage ratio. Capital Investment Decisions: Time value of money concepts, Net present value (NPV) analysis, Internal rate of return (IRR) analysis, Capital budgeting techniques, and decision criteria.

Module 3:

8 Hours

Cost Analysis and Management: Types of costs: fixed, variable, and semi-variable, Cost-volume-profit (CVP) analysis, Cost allocation methods, Activity-based costing (ABC). Budgeting and Forecasting: Budgeting process and types of budgets, Forecasting techniques: qualitative and quantitative methods, Variance analysis and performance measurement.

Module 4:

8 Hours

Ethical Considerations in Financial Management: Ethical principles in financial reporting, Corporate governance, and internal controls, Ethical dilemmas in financial decision-making.

Recommended Textbooks:

- Title: "Financial Shenanigans: How to Detect Accounting Gimmicks & Fraud in Financial Reports" Author: Howard M. Schilit and Jeremy Perler Publisher: McGraw-Hill Education
- Title: "Financial Intelligence for Entrepreneurs: What You Really Need to Know About the Numbers" Author: Karen Berman, Joe Knight, and John Case Publisher: Harvard Business Review Press
- Title: "Accounting Made Simple: Accounting Explained in 100 Pages or Less" Author: Mike Piper Publisher: Simple Subjects, LLC



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