

H. N. G. University, Patan
M.C.A. SEMESTER - V

MCA-55 : Project Management Practices and Evaluation [Elective-II]

Unit: 1 **[25%]**

Project :

Projects versus Operations, Stakeholders, Project Characteristics, Project Management, Skills Every Good Project Manager Needs, Understanding Organizational Structures, Understanding Project Life Cycles and Project

Creating the Project Charter :

Exploring the Project Management Knowledge Areas , Understanding How Projects Come About, Kicking Off the Project Charter, Formalizing and Publishing the Project Charter

Developing the Project Scope Statement

Developing the Project Management Plan, Collecting Requirements, Documenting the Scope Management Plan, Defining Scope, Writing the Project Scope Statement, Creating the Work Breakdown Structure

Unit: 2 **[25%]**

Creating the Project Schedule :

Defining Activities, Understanding the Sequence Activities Process , Estimating Activity, Estimate Activity Durations, Developing the Project Schedule

Developing the Project Budget

Creating the Project Cost Management Plan , Estimating Costs, Establishing the Cost Performance Baseline, Communicating the Plan

Risk Planning

Planning for Risks , Planning Your Risk Management, Identifying Potential Risk, Analyzing Risks Using Qualitative Techniques, Quantifying Risk, Developing a Risk Response Plan

Unit: 3 **[25%]**

Planning Project Resources

Procurement Planning, Developing the Human Resource Plan, Quality Planning, Bringing It All Together

Developing the Project Team

Executing the Project Plan, Acquiring the Project Team, Developing the Project Team, Managing Project Teams

Conducting Procurements and Sharing Information

Conducting Procurements, Laying Out Quality Assurance Procedures , Distributing Project Information, Managing Stakeholder Expectations

Unit: 4 **[25%]**

Measuring and Controlling Project Performance

Monitoring and Controlling Project Work, Administering Procurements, Establishing Performance Measurements, Managing Perform Integrated Change Control

Controlling Work Results

Monitoring and Controlling Risk, Managing Cost Changes, Monitoring and Controlling Schedule Changes, Utilizing Perform Quality Control Techniques, Verifying Project Scope, Controlling Scope

Closing the Project & Applying Professional Responsibility

Formulating Project Closeout, Closing Out the Project, Closing Out the Procurements, Balancing Stakeholders' Interests at Project Close, Professional Responsibility, Applying Professional Knowledge

Text Books:

1. Project Management Professional Exam study guide, Sixth Edition, by Kim Heldman, Wiley India Pvt. Ltd.

Reference Books:

1. Head First PMP, Second Edition, by Jennifer Greene & Andrew Stellman, O'reilly
2. Project Management: A Managerial Approach, Seventh Edition, by Jack R. Meredith & Samuel J. Mental, Wiley India Pvt. Ltd.