

## SchemeofCourseWork

CourseTitle	ManagementScience
CourseCode	15HM1102
Program	B.Tech
Semester	VI
Prerequisites	Managerial Economics&FinancialAccounting

### Course Outcomes

1	Developanunderstandingtowardstheconceptsandevolutionofmanagementandorganizationstructure and to identify the steps in decisionmakingprocess.
2	Listoutthefactorsinfluencingplantlocationandlayout, Applicationthetechniquesofqualitycontroland inventorymanagement. Applytheconcepttoplanascheduleofprojectandtoreviewwith techniquesofPERTand CPM.
3	Analyze the functions of HRmanagement and identify the different HRpractices.
4	Definetheconceptof MarketingManagement, Productlifecycle, planeffectivemarketingstrategiesalong
5	Toelucidatetheconceptoffinancialmanagement, workingcapitalmanagementandvariouscapitalbudgeting techniques.

### Course OutcomesversusProgram Outcomes

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1								2	2	3	3				
C02										2	2		2		
CO3								3	3	3	3	2	2		
CO4									2	2	2		2		
CO5									2	2	2				

S-stronglycorrelatedM-ModeratelycorrelatedBlank-Nocorrelation

Week	Topics/Contents	CO	Sample Questions	Teaching learningstrategy	Assessment Method &Schedule

1	Introduction to Management Concept- nature and importance of management functions of management	1	1. Explain the nature and scope of management? 2. What are the functions of management?	• Lecture • Discussion	Assignment-I/Quiz-I/Mid-I
2	Evolution of management thought	1	1. Scientific management	• Lecture • Discussion	Assignment-I/Quiz-I/Mid-I

	decisionmaking process - organization structure-		2. Theories of management		
3	Principles of organization - types of organization structure	1	1. Principles of Organization 2. Line & Staff Organization Structure	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion	Assignment-I/Quiz-I/Mid-I
4	Operations & Project Management- Principles and types of plant layout- work study statistical quality control- control charts (R Chart, P Chart & C Chart- Simple numerical problems)	2	1. Principles of plant layout 2. Procedure for Method study 3. Procedure for work measurement	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion <input type="checkbox"/> Problem Solving	Assignment-I/Quiz-I/Mid-I
5	(R Chart, P Chart & C Chart- Simple numerical problems) materials management- Need for Inventory	2	1. Numerical Problem 2. Inventory models	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion <input type="checkbox"/> Problem Solving	Assignment-I/Quiz-I/Mid-I
6	Control- EOQ, ABC Analysis (Simple numerical Analysis). Project Management: Project planning and control	2	1. Algebraic method for determination of EOQ 2. Project Management	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion <input type="checkbox"/> Problem Solving	Assignment-I/Quiz-I/Mid-I
7	Project life cycle Development of network- Difference between PERT and CPM	2	1. Phases of project lifecycle 2. Difference between PERT & CPM	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion <input type="checkbox"/> Problem Solving	Assignment-I/Quiz-I/Mid-I

8	NumericalProblems	2	1.Numericalproblemsoncrashing of network 2. Determinationofoptimumprojectdurationandschedule	<input type="checkbox"/> Problem Solving	Assignment-I/Quiz-I/Mid-I
9	MIDTEST-I				
10	Human Resource Management ConceptofHRM- Functionsof HRManager	3	1.Discussthefunctionsperformed byHRmanager 2. WhataredifferencesbetweenPersonnel &HRmanagement	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion	Assignment-II/Quiz-II/Mid-II
11	Job Evaluation andPerformance Appraisal	3	1. Methodsof JobEvaluation 2. Methodsof performanceappraisal	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion	Assignment-II/Quiz-II/Mid-II
12	CompetencyManagement, HR Planning,TrainingandDevelopment	3	1. Whatiscompetencymanagement?Explaining 2. Differencebetween trainingand development.	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion	Assignment-II/Quiz-II/Mid-II
13	MarketingManagement - FunctionsofMarketingManagement- Marketing	4	1.Definemarketing. Explain thefunctionsofmarketing. 2.Whatismarketing mix.	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion	Assignment-II/Quiz-II/Mid-II
14	Marketingstrategiesbased onproductlifecycleChannelsofDistribution.	4	1. Discussthemarketing strategiesof productlifecycle.	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion	Assignment-II/Quiz-II/Mid-II

15	Financial Management Introduction to financial management, nature, scope, and objectives Working Capital Management Preparation of changes in working capital statement and	5	1. Discuss the nature and scope of financial management. 2. What is working capital.	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion <input type="checkbox"/> Problem Solving	Assignment-II/Quiz-II/Mid-II
16	Capital Budgeting: Meaning of capital budgeting, need for capital budgeting –	5	1. What is capital? What are the types of capital? 2. What is capital budgeting?	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion	Assignment-II/Quiz-II/Mid-II
17	Methods of Capital Budgeting: Payback Method, Accounting Rate of Return, IRR and Net Present Value Method (simple problems).	5	1. Procedure for ARR 2. Procedure for determination of IRR	<input type="checkbox"/> Lecture <input type="checkbox"/> Discussion <input type="checkbox"/> Problem Solving	Assignment-II/Quiz-II/Mid-II
18	MID EXAM -2				