SEMESTER- IV

COURSE CODE :- C 9
COURSE TITLE :- SYSTEM ANALYSIS AND DESIGN
CREDIT :- 4

Marks distribution

Full Marks: 15 (MSE) + 60 (ESE) = 75 Duration: 3 hrs		Pass Marks: 34
This paper consists of 50 marks and divided into two groups:		
Group-A: Objective questions (Compulsory)	:	1 x 10 = 10
Group-B: descriptive questions (5 out of 8 questions)	:	10 x 5 = 50

Total =		60

The questions must cover the entire syllabus with equal distribution of marks as far as practicable.

Module 1: Overview of System Analysis & Design, System Development life cycle, Project selection-sources of project requests, preliminary investigation.

Module 2: Feasibility study-Economic feasibility, cost and benefits analysis, feasibility consideration steps in feasibility analysis, feasibility reports

Module 3: Testing, System testing, unit and integration testing, test plans. Software selection criteria.

Module 4: System Design –process and stages, I/O and form design, File Organization and database design

Module5- CPM, PERT, Fact finding techniques, Data flow diagrams, Data dictionaries

Module 6:- Security, Disaster recovery and ethics are system development.

Module 7:- Process of design, logical and physical design, structure design, and structure walk through input design output design, form design, classification of form, and requirement of form.

Book Recommended

1. System analysis & design-E.M. Awad
2. V.Raja Raman

PRACTICAL: LINUX OPERATING

Basics of Linux Operating system, Commands