SUBJECT DESCRIPTION FORM

Subject Title: Corporate Communication Networks

Number of Credits: 3

Subject Code: EIE439 (for 42070, 61024 and 61031)

Hours Assigned: Lecture 28 hours, Tutorial/Laboratory 14 hours

Pre-requisite: For 42077 Computer Networking and Internet Technologies (EIE323)

Co-requisite: nil

Exclusion: Corporate Networking (EIE429)

Objectives:
This subject aims to give a practical treatment on the design, implementation and management of multinational corporate networks. It prepares the students with the ability to choose from a variety of facilities, technologies and communication systems to meet future needs of services in area of network planning and management.

Keyword Syllabus:
Global communication networks, enterprise WAN protocols, private networks, virtual private networks, outsourcing, teletraffic theory, network topology and optimization, network evolution strategy, tariff and cost analysis, deregulations, Frame Relay, ATM, network management.

Method of Assessment:
Coursework: 40% Examination: 60%

Textbook:

References: