EE6108 COMPUTER NETWORKS

Acad Unit: 3
Prerequisite: Nil
Effective: Acad Year 2000-2001
Last update: Oct 2002

OBJECTIVE

The course is designed to

1. provide graduate students with an in-depth understanding of the underlying concepts of computer networks,
2. extend the students knowledge of computer networks in the areas of multiple access techniques, network protocols and the upper layers of the OSI model, and
3. treat certain key related areas, such as performance, internetworking and current and emerging trends in networking technologies, in some detail.

DESIRED OUTCOME

Upon completion of this course, the student should have (i) a comprehensive understanding of network concepts and inter-operability and (ii) in-depth knowledge of the state-of-the art of a variety of networking topics.

OTHER RELEVANT INFORMATION

A first course in Data Communications & Networking would be desirable.

CONTENT


ASSESSMENT SCHEME

Continuous Assessment  20%
Final Examination  80%

TEXTBOOKS


REFERENCES