EE6122 OPTICAL FIBRE COMMUNICATIONS

Acad Unit: 3
Prerequisite: Nil
Effective: Acad Year 2007/2008
Last update: July 2015

LEARNING OBJECTIVE
To provide students with a good understanding of the fundamental principles that are involved in the design and implementation of optical fibre communication systems with emphasis on fibre technology and various transmission techniques.

CONTENT

COURSE OUTLINE
Students are expected to have basic background in telecommunication systems. The knowledge gained in this course is important for optical fibre communication systems.

LEARNING OUTCOME
Students will be equipped with in-depth knowledge of optical communication technologies. This will prepare them for advanced fibre communications and networks study and research.

STUDENT ASSESSMENT
Continuous Assessment: 20%
Final Examination: 80%

TEXTBOOK

REFERENCES