Graph Theory

A NPTEL Course

S.A. Choudum

Department of Mathematics

IIT Madras

Chennai, India

email: sac@iitm.ac.in

Notes to the Reader

- At a faster pace the course can be read in about 65 lectures and at a slower pace in about 100 lectures.
- By skipping certain topics (indicated as optional) the course can be read in about 45 lectures.
- Solve as many exercises as you can. Do not get bogged down on a single exercise for long hours. Revisit the exercises later.
- Those who would like to go for research are advised not to skip any topic.
- A list of the books/monographs is included. These books can be referred to for the proofs which we have not included.

Modules