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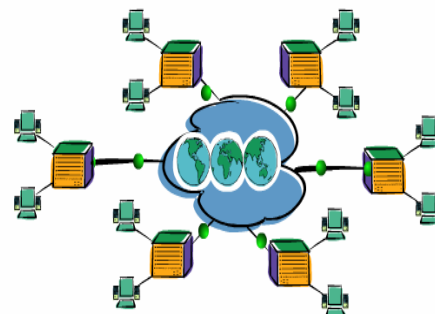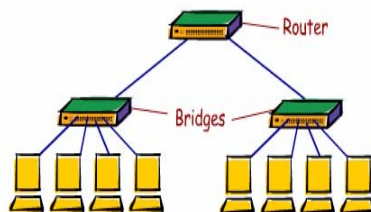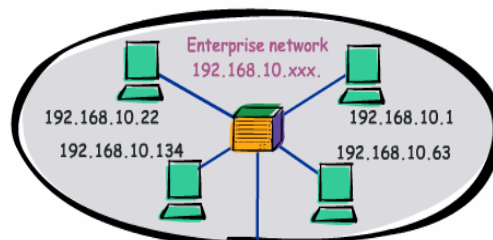
LABORATORY MANUAL

EE-400

TELECOMMUNICATIONS NETWORKS

TERM-062
(Updated in January 2007)

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Preface

A set of experiments will be carried out to demonstrate and complement the course material. Network design principles and other influential factors are emphasized throughout the lab work. A network design package (Cisco ConfigMaker) is utilized in one experiment to design simple and complex networks. Many network design architectures (peer-to-peer, client-server, point-to-point) are demonstrated and implemented. After carrying out all the experiments, the students are expected to acquire a good hands-on experience in network design, implementation, configuration and troubleshooting.