PES INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING /
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

(Session: **Jan 2014 – May 2014**)

Test–I Syllabus

Subject Title   : Computer Networks-2

Subject Code   : 11CS351

CCI Name   : CHIDAMBARA

Portion:

Introduction to Network Layer, Network Service Models
Internet Protocol : IPV4 Addressing – Class based addressing
Classless InterDomain Routing (CIDR)-Classless addressing -
Subnetting – Aggregation
IP V4-Datagram Format
Fragmentation
Virtual circuit and Datagram Networks
Internet Control Message Protocol (ICMP)
Dynamic Host Configuration Protocol (DHCP)
Network Address Translation (NAT)
Address Resolution Protocol (ARP)
What is inside a router ?Input processing, Switching
Output processing, Queuing, control plane
IPV6 : Introduction
IPV6 : Datagram Format
Transitioning from IPV4 to IPV6

Signature of CCI / Faculty

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Test–I Syllabus

Subject Title : Web Technology (WT)

Subject Code : 11CS353

CCI Name :

Portion: 1 - ~~22~~ 23 as per course Information.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING /
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(Session: **Jan 2014 – May 2014**)

Test–I Syllabus

Subject Title   : Software Engineering

Subject Code   : 10CS354   (Autonomy)

CCI Name   : Phalachandra

Portion: Unit 1 – Introduction to Software Engineering

            Unit 2 – Software Project Management Overview and Requirement Management

            Unit 3 – Analysis and Design

                Up to: System modelling, Software Architecture and Design Basics

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