



Course Outcomes & CO-PO-PSO Mapping and Justification

Subject	Computer Networks	15CS52
COURSE OUTCOMES:		
CO No.	On completion of this course, students will be able to:	Cognitive Level
15C552.1	Understand the principles of the application layer protocols HTTP, FTP, SMTP and DNS.	L2
15C552.2	Understand the transport layer services, TCP and UDP protocols.	L2
15C552.3	Understand the router architecture, IP and routing algorithms.	L2
15C552.4	Understand the cellular network architecture, mobile IP and GSM.	L2
15C552.5	Understand the multimedia network applications, audio, video streaming and network management.	L2

CO-PO-PSO MAPPING

CO No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15C552.1	1	1	-	-	-	-	-	-	-	-	-	1	-	-	2
15C552.2	1	1	-	-	-	-	-	-	-	-	-	1	-	-	2
15C552.3	1	2	-	-	-	-	-	-	-	-	-	1	-	-	2
15C552.4	1	1	-	-	-	-	-	-	-	-	-	1	-	-	2
15C552.5	1	1	-	-	-	-	-	-	-	-	-	1	-	-	2
Avg. Mapping	1.0	1.2	-	-	-	-	-	-	-	-	-	1.0	-	-	2.0

CO-PO-PSO JUSTIFICATION

CO No.	PO/PSO	CL	Justification
15C552.1	PO1	1	Slightly mapped as students will be able to understand the principles of the application layer protocols HTTP, FTP, SMTP and DNS.
	PO2	1	Slightly mapped as students will be able identify working principles of application layer protocols HTTP, FTP, SMTP and DNS.
	PO12	1	Slightly mapped as students can use the principles of application layer protocols in the related domains.
	PSO3	2	Moderately mapped as students can apply the principles of application layer protocols for developing networking applications.
15C552.2	PO1	1	Slightly mapped as students will be able to understand the transport layer services, TCP and UDP protocols.
	PO2	1	Slightly mapped as students will be able identify the services of TCP and UDP.
	PO12	1	Slightly mapped as students can use the services of TCP and UDP for communication protocols.
	PSO3	2	Moderately mapped as students can apply the principles of TCP and UDP in networking applications.
15C552.3	PO1	1	Slightly mapped as students will be able to understand the router architecture, IP and routing algorithms.
	PO2	2	Moderately mapped as the students can identify and compare different routing algorithms.
	PO12	1	Slightly mapped as the students can use the routing algorithms in networking protocols.
	PSO3	2	Moderately mapped as the students can apply the concepts of IP and routing algorithms in networking applications.
15C552.4	PO1	1	Slightly mapped as students will be able to understand the cellular network architecture, mobile IP and GSM.
	PO2	1	Slightly mapped as the students can identify the components and services of cellular network architecture.
	PO12	1	Slightly mapped as the students can use the concepts of mobile IP and GSM in learning advanced cellular technologies.
	PSO3	2	Moderately mapped as the students can apply the concepts of mobile IP and GSM for wireless applications.
15C552.5	PO1	1	Slightly mapped as students will be able to understand the multimedia network applications, audio, video streaming and network management .
	PO2	1	Slightly mapped as the students can identify various multimedia network applications, audio, video streaming for communication.
	PO12	1	Slightly mapped as the students can use multimedia network applications such as VoIP, youtube.

	PSO3	2	Moderately mapped as the students can apply network support for multimedia QoS.
--	------	---	---

Prepared by:

HoD

Brundha Elci/Noor Basha/ Veena G

Dr. M. Ramakrishna