



VEMANA INSTITUTE OF TECHNOLOGY

Koramangala, Bengaluru - 34

Department of Computer Science & Engineering



Course Outcomes &CO-PO-PSO Mapping and Justification

Subject	STORAGE AREA NETWORKS	15CS754
COURSE OUTCOMES		
CO No.	On completion of this course, students will be able to:	Cognitive Level
15CS754.1	Identify key challenges in managing information and understand evolution of storage architectures, logical and physical components of a storage infrastructure including storage subsystems, RAID, Intelligent storage systems and storage provisioning.	L2
15CS754.2	Describe storage networking technologies such as FC-SAN, NAS, IP-SAN and data archival solution – CAS	L2
15CS754.3	Understand and articulate business continuity solutions including, backup technologies, and local and remote replication solutions in classic and virtualization environments and also Identify types of archives and forms of virtualization.	L2
15CS754.4	Understand the cloud computing characteristics and their benefits.	L2
15CS754.5	Describe information security, and storage security domains and Identify parameters of managing and monitoring storage infrastructure, describe common storage management activities and solutions.	L2

CO-PO-PSO MAPPING

CO No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15CS754.1	1	-	-	-	1	-	-	-	-	-	-	1	-	-	2
15CS754.2	1	-	-	-	-	-	-	-	-	-	-	1	-	-	2
15CS754.3	1	-	2	-	-	-	-	-	-	-	-	1	-	-	2
15CS754.4	1	-	-	-	-	-	1	-	-	-	-	1	-	-	2
15CS754.5	1	-	-	-	-	-	-	1	-	-	1	1	-	-	2
Average mapping	1.0	-	2.0	-	1.0	-	1.0	1.0	-	-	1.0	1.0	-	-	2.0

CO-PO-PSO JUSTIFICATION

CO No.	PO/PSO	CL	Justification
15CS754.1	PO1	1	Slightly mapped as students understand the basics of storage area networks.
	PO5	1	Slightly mapped as students apply the RAID Techniques.
	PO12	1	Slightly mapped as students apply concepts of RAID, Intelligent Storage systems, Storage provisioning and Storage subsystems.
	PSO3	2	Moderately mapped as students understand the concept of storage architectures, logical and physical components of a storage infrastructure including storage subsystems, RAID, Intelligent storage systems and storage provisioning
15CS754.2	PO1	1	Slightly mapped as students understand storage networking technologies such as FC-SAN, NAS, IP-SAN and data archival solution – CAS
	PO12	1	Slightly mapped as students apply storage networking technologies such as FC-SAN, NAS, IP-SAN and data archival solution – CAS
	PSO3	2	Moderately mapped as students understand the concept of storage networking technologies.
15CS754.3	PO1	1	Slightly mapped as students understand business continuity solutions including, backup technologies, and local and remote replication solutions in classic and virtualization environments.
	PO3	2	Moderately mapped as students understand the design solutions for data loss problems due to natural disasters with respect to the environmental conditions.
	PO12	1	Slightly mapped as students apply the concept of backup technologies, and local and remote replication solutions in classic and virtualization environments.

	PSO3	2	Moderately mapped as students understand business continuity solutions including, backup technologies, and local and remote replication solutions in classic and virtualization environments.
15CS754.4	PO1	1	Slightly mapped as students understand the basics of cloud computing characteristics, services, and their benefits.
	PO7	1	Slightly mapped as students understand the impact of the professional engineering solutions such as cloud computing environments and virtualization appliances which will be helpful to society.
	PO12	1	Slightly mapped as students apply and use cloud computing techniques and services.
	PSO3	2	Moderately mapped as students understand cloud computing environments and virtualization appliances
15CS754.5	PO1	1	Slightly mapped as students understand the basic knowledge of information security, and storage security domains, parameters of managing and monitoring storage infrastructure, common storage management activities and solutions
	PO8	1	Slightly mapped as students understand Slightly mapped as students understand the basic knowledge of information security, and storage security domains, parameters of managing and monitoring storage infrastructure which will useful in apply ethical principles and commit to professional ethics and responsibilities.
	PO11	1	Slightly mapped as students understand parameters of managing and monitoring storage infrastructure, common storage management activities and solutions.
	PO12	1	Slightly mapped as students understand the concepts of information security, and storage security domains, parameters of managing and monitoring storage infrastructure.
	PSO3	2	Moderately mapped as students apply concepts of information security, and storage security domains, parameters of managing and monitoring storage infrastructure, common storage management activities and solutions structure.

Prepared by:

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Approved by:

(H.o.D)