



**Course Outcomes & CO-PO-PSO Mapping and Justification**

<b>Subject</b>	<b>SEMINAR</b>	<b>15CSS86</b>
<b>COURSE OUTCOMES:</b>		
<b>CO No.</b>	<b>On completion of this course, students will be able to:</b>	<b>Cognitive Level</b>
15CSS86.1	Identify recent technical topics from interested domains.	L3
15CSS86.2	Analyze the applicability of modern software tools and technology.	L4
15CSS86.3	Develop Presentation and Communication skills.	L3
15CSS86.4	Develop Technical report preparation skills.	L3

**CO-PO-PSO MAPPING**

CO No.	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
15CSS86.1	1	3	-	-	-	-	-	-	-	1	-	2	-	-	-
15CSS86.2	1	3		1	2	-	-	-	-	-	-	2	2	1	2
15CSS86.3	1	-	-	-	-	-	-	-	-	2	-	2	-	-	-
15CSS86.4	1	-	-	-	-	-	-	-	-	2	-	2	-	-	-
<b>Avg. Mapping</b>	<b>1.0</b>	<b>3.0</b>	<b>-</b>	<b>1.0</b>	<b>2.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.7</b>	<b>-</b>	<b>2.0</b>	<b>2.0</b>	<b>1.0</b>	<b>2.0</b>

**CO-PO-PSO JUSTIFICATION**

CO No.	PO/PSO	CL	Justification
15CSS86.1	PO1	1	Slightly mapped as students will apply engineering fundamentals to identify technical domain.
	PO2	3	Strongly mapped as students identifies mathematical algorithmic knowledge that applies to a given problem.
	PO10	1	Slightly mapped as students will be able to read, understand and interpret technical and nontechnical information
	PO12	2	Moderately mapped as students will be able to identify deficiencies or gaps in knowledge and demonstrate an ability to source information to close this gap.
15CSS86.2	PO1	1	Slightly mapped as students apply engineering fundamentals to analyze modern tools.
	PO2	3	Strongly mapped as students identifies mathematical algorithmic knowledge that applies to a given problem, Compare and contrast alternative solution/methods to select the best method.
	PO4	1	Slightly mapped as students able to represent data in tabular and/or graphical forms so as to facilitate analysis and explanation of the data, and drawing of conclusions.
	PO5	2	Moderately mapped as students identify modern engineering tools, techniques and resources for engineering activities, identify the strengths and limitations of tools for (i) acquiring information, (ii) modelling and simulating, (iii) monitoring system performance, and (iv) creating engineering designs.
	PO12	2	Moderately mapped as students able to describe the rationale for requirement for continuing professional development Identify deficiencies or gaps in knowledge and demonstrate an ability to source information to close this gap analyze sourced technical and popular information for feasibility, viability, sustainability, etc
	PSO1	2	Moderately mapped as students able to analyze the applicability of modern software tools and technology in real time problems.
	PSO2	1	Slightly mapped as students able to analyze the applicability of modern hardware components and technology in real time problems.
	PSO3	2	Moderately mapped as students able to analyze the different IOT tools and networks.
15CSS86.3	PO1	1	Slightly mapped as students able to apply engineering fundamentals to demonstrate technical concepts.

	PO10	2	Moderately mapped as students able to Produce clear, well-constructed, and well-supported written engineering documents deliver effective oral presentations to technical and nontechnical audiences.
	PO12	2	Moderately mapped as students able to Identify deficiencies or gaps in knowledge and demonstrate an ability to source information to close this gap, analyze sourced technical and popular information for feasibility, viability, sustainability, etc
15CSS86.4	PO1	1	Slightly mapped as students able to analyze technical concepts to structure the report
	PO10	2	Moderately mapped as students able to produce clear, well-constructed, and well-supported written engineering documents ,create engineering-standard figures, reports and drawings to complement writing and presentations.
	PO12	2	Moderately mapped as students able to describe the rationale for requirement for continuing professional development Identify deficiencies or gaps in knowledge and demonstrate an ability to source information to close this gap analyze sourced technical and popular information for feasibility, viability, sustainability, etc

**Prepared by**

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