

<u>PROGRAM OUTCOMES (PO)</u>	<u>STATEMENTS</u>
PO1	Engineering Knowledge: To apply knowledge of mathematics, science, engineering fundamentals, problem solving skills, algorithmic analysis to solve complex engineering problems.
PO2	Problem analysis: To analyze the problem by finding its domain and applying domain specific skills.
PO3	Design/development of solutions: To understand the design issues of the product/software and develop effective solutions with appropriate consideration of public health and safety, cultural, societal, and environmental issues.
PO4	Conduct investigations of complex problems: To find solutions of complex problems by conducting investigations applying suitable techniques.
PO5	Modern tool usage: To adapt the usage of modern tools and recent software.
PO6	The engineer and society: To contribute towards the society by understanding the impact of Engineering on global aspect.
PO7	Environment and sustainability: To understand environment issues and design a sustainable system.
PO8	Ethics: To understand and follow professional ethics.
PO9	Individual and team work: To function effectively as an individual and as member or leader in diverse teams and interdisciplinary settings.
PO10	Communication: To demonstrate effective communication at various levels.
PO11	Project Management and finance: To apply the knowledge of Computer Engineering for development of projects, and its finance and management.
PO12	Life-Long Learning: To keep in touch with current technologies and inculcate the practices of lifelong learning.

310250: Design and Analysis of Algorithms

COURSE OUTCOMES (CO)	STATEMENTS
CO1	Formulate the problem.
CO2	To perform analysis of Algorithms with Time and Space Complexity.
CO3	Analyze the asymptotic performance of algorithms.
CO4	Decide and apply algorithmic strategies to solve given problem.
CO5	Find optimal solution by applying various methods.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	✓	✓		✓	✓	✓		✓	✓	✓		✓
CO2	✓		✓	✓		✓					✓	✓
CO3	✓	✓		✓	✓		✓	✓	✓			✓
CO4	✓			✓		✓	✓					✓
CO5	✓		✓	✓		✓		✓		✓	✓	

310255: Seminar and Technical Communication

COURSE OUTCOMES (CO)	STATEMENTS
CO1	To be familiar with basic technical writing concepts and terms, such as audience analysis, jargon, format, visuals, and presentation.
CO2	To improve skills to read, understand, and interpret material on technology.
CO3	Improve communication and writing skills.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO3	✓	✓			✓			✓	✓	✓	✓	✓