

Dr.Panjabrao Deshmukh Polytechnic, Amravati
Computer Engg. Deptt.

Fifth Semester

Subject :- Environmental Studies (EST)

Sub Code :22447

Course Outcomes and COPO matrix

Course Outcomes	Description
C501.1	Develop public awareness about environment.
C501.2	Select alternative energy resource for engineering practices.
C501.3	Conserve ecosystem and biodiversity.
C501.4	Apply techniques to reduce environmental pollution.
C501.5	Manage social issues and environmental ethics and lifelong learning.

COPO Mapping

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO 1	PSO 2
C501.1	2	2	2	3	3	2	3	-	-
C501.2	2	2	2	3	3	2	2	-	-
C501.3	2	2	2	3	3	2	3	-	-
C501.4	2	2	2	-	3	2	2	-	-
C501.5	2	2	2	-	3	2	3	-	-
Average	2	2	2	1.8	3	2	2.6	-	-

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Fifth Semester

Subject :- Operating System (OSY)

Sub Code :22516

Course Outcomes and COPO matrix

Course Outcomes	Description
C502.1	Install operating system and configure it
C502.2	Use operating system tools to perform various functions
C502.3	Execute process commands for performing process management operations
C502.4	Apply scheduling algorithms to calculate turnaround time and average waiting time
C502.5	Calculate efficiency of different management techniques
C502.6	Apply file management techniques

COPO Mapping

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PSO 1	PSO 2
C502.1	3	3	2	-	1	1	2	1	1
C502.2	3	3	2	1	1	1	2	2	2
C502.3	3	3	3	1	1	1	3	1	2
C502.4	3	2	3	2	2	2	3	-	2
C502.5	3	3	3	1	2	2	3	1	-
C502.6	3	3	3	1	2	1	2	1	1
Average	3	2.8	2.6	1	1.4	1.4	2.6	1	1.4

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Fifth Semester

Subject :- Advanced Java Programming (AJP)

Sub Code :22517

Course Outcomes and COPO matrix

Course Outcomes	Description
C503.1	Develop programs using GUI Framework (A WT and Swing).
C503.2	Handle events of A WT and Swings components.
C503.3	Develop programs to handle events in Java Programming.
C503.4	Develop Java programs using networking concepts.
C503.5	Develop programs using database.
C503.6	Develop programs using Servlets.

COPO Mapping

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PSO 1	PSO 2
C503.1	3	3	3	3	-	-	-	3	1
C503.2	3	3	3	3	-	-	-	3	1
C503.3	3	3	2	3	-	-	-	3	1
C503.4	3	3	3	3	-	-	-	3	1
C503.5	3	3	3	3	-	-	-	3	1
C503.6	3	2	2	2	-	-	-	3	1
Average	3.00	2.83	2.67	2.83	-	-	-	3.00	1.00

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Fifth Semester

Subject :- Software Testing (STE)

Sub Code :22518

Course Outcomes and COPO matrix

Course Outcomes	Description
C504.1	Apply various software testing methods.
C504.2	Prepare test cases for different types and levels of testing.
C504.3	Prepare test plan for an application.
C504.4	Identify bugs to create defect report of given application.
C504.5	Test software for performance measures using automated testing tools.

COPO Mapping

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PSO 1	PSO 2
C504.1	3	3	2	2	2	3	3	3	2
C504.2	3	3	2	2	2	3	3	3	2
C504.3	3	3	2	2	2	2	3	-	2
C504.4	3	2	2	2	2	2	3	-	2
C504.5	3	3	2	2	2	3	3	3	2
Average	3.00	2.80	2.00	2.00	2.00	2.60	3.00	1.80	2.00

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Fifth Semester

Subject :- Advanced Computer Network (.ACN)

Sub Code :22520

Course Outcomes and COPO matrix

Course Outcomes	Description
C505.1	Implement Network Layer Protocol
C505.2	Configure IPv6 network
C505.3	Choose routing protocol in the given network situation
C505.4	Implement different transport layer protocols
C505.5	Configure various application layer protocols

COPO Mapping

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PSO 1	PSO 2
C505.1	2	2	-	2	3	2	2	1	1
C505.2	2	2	2	2	3	2	3	1	1
C505.3	2	2	2	2	3	2	2	1	1
C505.4	2	2	2	1	3	2	3	2	1
C505.5	2	2	2	2	3	2	3	1	-
Average	2	2	2	1.8	3	2	2.6	1.2	1

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Fifth Semester

Subject :- Capstone Project – Planning (CPP)

Sub Code :22058

Course Outcomes and COPO matrix

Course Outcomes	Description
C507.1	Write the problem / task specifications in existing system related to the occupation
C507.2	Select Collect and use required information / Knowledge to solve problem / complete the task
C507.3	Logically choose relevant possible solutions
C507.4	Consider the ethical issues related to the project
C507.5	Assess the impact of project on society
C507.6	Prepare project proposal with action plan
C507.7	Communicate confidently and effectively as a leader and member of team

COPO Mapping

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PSO 1	PSO 2
C507.1	3	3	3	3	3	3	3	3	3
C507.2	3	3	3	2	3	3	3	3	2
C507.3	2	3	3	3	3	3	3	3	3
C507.4	3	3	2	3	3	3	2	3	2
C507.5	3	3	3	3	2	2	3	2	3
C507.6	3	3	3	3	2	2	2	3	3
C507.7	2	2	3	3	3	3	3	3	2
Average	2.71	2.86	2.86	2.86	2.71	2.71	2.71	2.86	2.57

