



DAWOOD UNIVERSITY OF ENGINEERING AND TECHNOLOGY

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Department of Electronic Engineering

Final Year Design Project-I & II

Mapping of CLOs and PLOs				
S. No.	Course Learning Outcomes	PLOs	Blooms Taxonomy	CEP/CEA Attributes
CLO 1	Elaborate scope, problem statement and objectives of the design/research project using the acquired engineering knowledge and skills.	PLO 1 Engineering Knowledge	C2 Comprehension	WP-1, WK-3
CLO 2	Carry out problem formulation of the design/research project in accordance with the existing literature.	PLO 2 Problem Analysis	C3 Application	WP-1, WK-4
CLO 3	Design/develop numerical simulations/experimentation/prototype model of the design/research project as a solution to the problem.	PLO 3 Design/Development of Solutions	P7 Origination	WP-1, WK-5
CLO 4	Perform systematic assessment of the literature, analysis and the data obtained from simulation/experimentation to reach the concrete conclusion.	PLO 4 Investigation	P4 Mechanism	WP-1, WK-8
CLO 5	Adapt advanced engineering and IT tools to model the design/research project.	PLO 5 Modern Tool Usage	P6 Adaptation	EP-2, WK-6
CLO 6	Justify the consideration of the health, safety and environmental (HSE) aspects while conducting the design/research project.	PLO 6 Engineer & Society	A3 Value	EP-2, WK-6
CLO 7	Justify the impact of the design/research project on social, economic, and environmental sustainability.	PLO 7 Environment & Sustainability	A3 Value	EP-1, WK-7
CLO 8	Adopt ethical standards and policies set by the university to convey the knowledge and skills acquired throughout the research/design project as a professional engineer.	PLO 8 Ethics	A3 Value	EP-1, WK-7
CLO 9	Initiate the requisite responsibilities as an individual or team member to complete the design/research project timely.	PLO 9 Individual & Teamwork	A4 Organize	WP-7, WA-9
CLO 10	Defend the design/research project effectively in writing (project report and presentations) as well as in oral forms to engineering community.	PLO 10 Communication	A5 Internalize	WP-2, WA-10
CLO 11	Develop plans for the successful completion of the design/research project by applying the project management standards.	PLO 11 Project Management	A5 Internalize	WP-2, WA-11
CLO 12	Support design/research project as a source of pursuing life-long learning for innovation and technological development.	PLO 12 Life-Long Learning	A5 Internalize	WP-2, WA-12



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Guidelines:

- There must be 12 CLOs each CLO should be mapped with one PLO.
- The domains for PLOs in case of FYDP are mentioned in this template, provide only level of the domain with C, P or A.
- Use appropriate Bloom's Taxonomy level to write CLO statement. The Statement of CLO should be in line with the mapped PLO.
- In assessment the weightage of PLO 3 to PLO 5 should be around 60~70%.