Program Exit Survey Results (Indirect PO and PSO Attainment)

Total number of students responded: 150 **Academic Year: 2024-25** **Dates of Survey: 28/04/2025 to 03/05/2025**

Branch		No. of Students	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
ME	Rating in Percentage	13	92	92	92	100	92	100	92	100	100	100	100	100	85	92	100
	Attainment Level		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ELPO	Rating in Percentage	28	89	86	86	71	75	82	75	75	79	79	71	79	75	86	75
	Attainment Level		3	3	3	2	2	3	2	2	2	2	2	2	2	3	2
CSE	Rating in Percentage	44	64	64	68	66	66	73	73	75	70	70	73	73	68	68	73
	Attainment Level		1	1	1	1	1	2	2	2	2	2	2	2	1	1	2
ENTC	Rating in Percentage	47	68	68	70	72	74	72	72	64	64	68	64	68	74	72	66
	Attainment Level		1	1	2	2	2	2	2	1	1	1	1	1	2	2	1
CE	Rating in Percentage	18	61	56	67	67	61	44	61	78	72	61	56	61	72	72	67
	Attainment Level		1	0	1	1	1	0	1	2	2	1	0	1	2	2	1

ME: Mechanical Engineering, ELPO: Electrical Engineering, CSE: Computer Science & Engineering, ENTC: Electronics & Telecommunication Engineering, CE: Civil Engineering.

PES Parameters: (Scale: 1- Poor, 2- Fair, 3- Average, 4- Good, 5- Excellent)

PO's:

1. To what level you are able to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems?
2. To what extent you are able to analyze complex engineering problems reaching substantiated conclusions using first principles?
3. To what extent you are able to design solutions for complex engineering problems and design system components or processes?
4. To what extent you are able to use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions?
5. To what extent you are able to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations?
6. Are you able to apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice?
7. Are you able to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development?
8. Are you able to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice?
9. Can you function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?
10. Can you communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions?
11. Can you demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments?
12. To what extent you are able to engage in independent and life-long learning in the broadest context of technological change?

Program Exit Survey Results (Indirect PO and PSO Attainment)

PSO's:

Mechanical Engineering:

1. Are you able to design and analyze the performance of mechanical and thermal systems using analytical, experimental and computational tools?
2. Can you able to apply principles of mechanical engineering to solve the industrial problems?
3. Are you able to work effectively on interdisciplinary projects with professional ethics and societal responsibilities?

Electrical Engineering:

1. Are you able to acquire an ability to apply knowledge of mathematics, basic sciences to develop core Electrical engineering skills consistent with the defined and applied engineering Procedures, Processes, systems or methodologies?
2. Are you able to Identify, formulate, study literature, and analyze broadly-defined electrical engineering problems using analytical, experimental and computational tools?
3. Are you able to provide solutions for broadly defined electrical engineering problems and contribute to the design of systems, components or processes to meet specified needs keeping in view public health, safety, cultural, societal, and environmental considerations?

Computer Science & Engineering:

1. Can you understand, analyze and develop computer programs for efficient design of computer-based systems of varying complexity in the era of computing?
2. Are you able to gain multidisciplinary knowledge through projects, workshops, STTPs and training programs?
3. Can you pursue technical or professional careers, including supportive and leadership roles on multidisciplinary teams?

Electronics & Telecommunication Engineering:

1. Are you able to analyze, simulate, design and implement electronics circuits/systems?
2. Are you able to apply the electronics and telecommunication engineering fundamentals to deal with technical problems?
3. Are you able to work effectively on interdisciplinary projects with professional ethics and societal responsibilities?

Civil Engineering:

1. Are you able to analyse, design, construct, operate and maintain the civil engineering projects?
1. Are you able to Judge the environmental impact of different projects and take disciplinary measures to control environmental deterioration?
2. Are you able to make the use of latest softwares concerning to various streams of civil engineering?

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