VISAT Engineering College

	PO Attainment	CEE
B.Tech in Civil Engineering		Branch: B.Tech in Civil Engineering
Semester: Semester 8		Academic Year: 2022-23

Exit survey report

Sl No.	Question	PO/PSO	Choices	Score	Count	Avg. Score	%
1.	How far can you apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems?	PO-1,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	3 4 0 0 0	4.43	88.571428571429
2.	In what level you can identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences?	PO-2,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 5 1 1 0	3.57	71.428571428571
3.	How far you can design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations?	PO-3,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 0 2 5 0	2.29	45.714285714286
4.	How far you can conduct investigations of complex problems: 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?	PO-4,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 1 4 2 0	2.86	57.142857142857
5.	How far you can create, select, and apply appropriate techniques, resources, and modern Engineering and IT tools including prediction and modeling to complex engineering activitieswith an understanding of the limitations?	PO-5,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 5 2 0 0	3.71	74.285714285714
6.	How far you can 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?	PO-6,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 2 5 0 0	3.29	65.714285714286
7.	How far you can understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development?	PO-7,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 2 5 0 0	3.29	65.714285714286
8.	How far you can apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice?	PO-8,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 2 5 0 0	3.29	65.714285714286
9.	How well you function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?	PO-9,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 2 5 0 0	3.29	65.714285714286

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10.	How far you can 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?	PO-10,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 2 4 1 0	3.14	62.857142857143
11.	How well you can 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?	PO-11,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 4 3 0 0	3.57	71.428571428571
12.	How far you can recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change?	PO-12,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 3 4 0 0	3.43	68.571428571429
13.	How well you can identify the need for soil investigation and structural analysis in a construction project and to undertake the soil tests, structural design and estimation?	PSO1,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 3 3 1 0	3.29	65.714285714286
14.	How well you can plan, design, construct, operate and maintain the engineering systems to enhance the quality of the environment and protect public health and welfare?	PSO2,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 2 5 0 0	3.29	65.714285714286
15.	How well you can analyze, design, construct and maintain safe and efficient transportation systems?	PSO3,	Excellent Very good Good Fair Poor	5.000 4.000 3.000 2.000 1.000	0 3 1 3 0	3	60

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Exit survey PO Attainment

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO1	PSO2	PSO3
Avg. score	4.43	3.57	2.29	2.86	3.71	3.29	3.29	3.29	3.29	3.14	3.57	3.43	3.29	3.29	3
Attainment score out of 3	2.66	2.14	1.37	1.71	2.23	1.97	1.97	1.97	1.97	1.89	2.14	2.06	1.97	1.97	1.8

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