Response number	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	Agree	Agree	Neutral	Agree	Neutral	Agree	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	Agree
2	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
3	Agree	Agree	Disagree	Agree	Agree	Agree	Agree	Disagree	Disagree	Agree	Agree	Agree	Neutral	Agree
4	Agree	Agree	Agree	Agree	Agree	Neutral	Neutral	Agree	Agree	Neutral	Agree	Neutral	Agree	Agree
5	Agree	Neutral	Neutral	Agree	Agree	Agree	Agree	Agree	Neutral	Agree	Neutral	Agree	Agree	Agree
6	Strongly Agree	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
8	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
9	Agree	Agree	Agree	Agree	Agree	Strongly Agree	Strongly Disagree	Agree	Strongly Disagree	Neutral	Strongly Disagree	Neutral	Neutral	Neutral
10	Agree	Neutral	Agree	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Agree	Agree	Neutral	Neutral	Neutral
11	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	Agree
12	Agree	Neutral	Agree	Agree	Neutral	Agree	Agree	Neutral	Neutral	Agree	Agree	Agree	Agree	Agree
13	Strongly Disagree	Strongly Disagree	Strongly Disagree	Neutral	Neutral	Strongly Disagree	Strongly Disagree	Neutral	Disagree	Neutral	Neutral	Disagree	Disagree	Neutral
14	Agree	Agree	Agree	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	Agree	Agree	Agree	Agree
15	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
16	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
17	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
18	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly	Strongly Agree	Strongly Agree
19	Agree	Agree	Neutral	Agree	Agree	Agree	Agree	Agree	Strongly Agree	Agree	Agree	Agree	Agree	Agree
20	Agree	Agree	Agree	Agree	Agree	Agree	Agree	y Agree	Agree	Agree	Agree	Strongly	ly	Agree
21	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
22	Agree	Agree	Agree	Agree	Agree	Agree	Agree	y Agree	Agree	Agree	Agree	Agree	ly	Agree
23	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
24	Agree	Agree	Agree	Agree	Agree	Agree	Agree	y Agree	Agree	Agree	Agree	Strongly	ly	Agree
25	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
26	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	Agree	Agree
27	Agree	Agree	Agree	Agree	Agree	Neutral	Agree	y Agree	Agree	Agree	Agree	Agree	Agree	Agree
28	Agree	Neutral	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	Neutral
29	Agree	Neutral	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	l	Agree
30	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
31	Neutral	Agree	Neutral	Agree	Agree	Neutral	Neutral	Agree	Agree	Neutral	Agree	Agree	Agree	Neutral
32	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Strongly	Agree	Agree
33	Agree	Disagree	Agree	Agree	Agree	Agree	Neutral	Neutral	Agree	Agree	Agree	Agree	l	Agree
34	Agree	Agree	Agree	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	Agree	Agree	l	Agree
35	Neutral	Agree	Neutral	Agree	Disagree	Neutral	Neutral	Neutral	Disagree	Agree	Agree	Neutral	Agree	Neutral
36	Agree	Agree	Agree	Agree	Agree	Agree	Neutral	Neutral	Agree	Agree	Agree	Agree	l	Agree
37	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	ly	Agree
38	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
39	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
40	Neutral	Neutral	Neutral	Disagree	Disagree	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	l	Neutral
41	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
42	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
43	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
44	Agree	Neutral	Agree	Agree	Agree	Agree	Disagree	Agree	Agree	Agree	Agree	Agree	Agree	Neutral
45	Neutral	Neutral	Neutral	Neutral	Agree	Agree	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	l	Neutral
46	Agree	Agree	Agree	Agree	Agree	Agree	Agree	y Agree	Agree	Agree	Agree	Strongly	ly	Agree
47	Agree	Agree	Agree	Agree	Agree	Agree	Agree	y Agree	Agree	Agree	Agree	Strongly	ly	Agree
48	Agree	Agree	Agree	Agree	Agree	Agree	Agree	y Agree	Agree	Agree	Agree	Strongly	ly	Agree
49	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
50	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
51	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
52	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
53	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
54	Agree	Neutral	Agree	Agree	Agree	Agree	Neutral	Neutral	Neutral	Agree	Agree	Neutral	l	Neutral
55	Neutral	Neutral	Agree	Agree	Agree	Agree	Neutral	Neutral	Neutral	Agree	Neutral	Agree	l	Agree
56	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree

57	Agree	Agree	Agree	Agree	Agree	Agree	Agree	y Agree	Agree	Agree	Agree	Strongly	ly	Agree
58	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Neutral	Agree	Agree	Agree	Agree	Agree	Agree
59	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
60	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Strongly	ly	Agree
Q.1	You can apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of con
Q.2	You can identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences
Q.3	You can 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 consideration
Q.4	You can 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.
Q.5	You can 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.
Q.6	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.
Q.7	knowledge of, and need for sustainable development.
Q.8	You can apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
Q.9	You can function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Q.10	You can communicate effectively on 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
Q.11	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.
Q.12	You can recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest cont
Q.13	You have problem solving ability using appropriate programming skills and practices.
Q.14	You can manage data efficiently