

Alumni Satisfaction Survey on Departmental Educational Objectives and Core Competencies Teaching Effectiveness

☐ Undergraduate Alumni

☐ Current Year Undergraduate Graduates

I. During your time studying this course, how satisfied are you with the alignment between the course design and the educational objectives of the department?

Extremely Dissatisfied
Dissatisfied
Neutral
Satisfied
Extremely Satisfied

1. To cultivate students' scientific foundation, professional knowledge in environmental engineering, concepts of global sustainable development, and lifelong learning abilities.----- ① ② ③ ④ ⑤
2. To cultivate students' fundamental abilities in research and innovation, engineering practices, and system integration.----- ① ② ③ ④ ⑤
3. To cultivate students with a collaborative and dedicated attitude, enthusiasm for serving society, and a sense of mission for environmental protection.----- ① ② ③ ④ ⑤

II. During your time studying this course, how satisfied are you with the alignment between the course design and the teaching effectiveness of the department's core competencies?

Extremely Dissatisfied
Dissatisfied
Neutral
Satisfied
Extremely Satisfied

1. Basic knowledge in physics, chemistry, mathematics, and biology.----- ① ② ③ ④ ⑤
2. The ability to plan and execute experiments, analyze problems, and interpret data. ----- ① ② ③ ④ ⑤
3. The ability to apply professional knowledge and tools to solve environmental

- pollution issues and promote sustainable development. ----- ① ② ③ ④ ⑤
4. The ability to execute basic environmental engineering design.----- ① ② ③ ④ ⑤
5. The ability to integrate information, manage projects, communicate
effectively, and collaborate in teams.----- ① ② ③ ④ ⑤
6. The ability to think independently, engage in research and innovation,
and solve problems.----- ① ② ③ ④ ⑤
7. The ability to understand the impact of engineering technologies on the
environment and socio-cultural aspects, and to establish a foundation for
lifelong learning.----- ① ② ③ ④ ⑤
8. The understanding of engineering ethics, social responsibility, and the
appreciation of the environment.----- ① ② ③ ④ ⑤