

TCE Curriculum Revamp - Civil Engg. - Alumni Survey 2022-2023

Dear alumnus,

Greetings.

Your feedback / suggestions / opinions on the curriculum based on your field experience would be more useful in the revision / modification of the current syllabus in the coming years. Hence, request you to kindly spent little time over this exercise and support us in bringing a curriculum which would satisfy the current demand of the industry.

** Indicates required question*

1. Email *

2. Degree Completed in TCE *

Mark only one oval.

- B.E.Civil Engineering
- M.E.Structural Engineering
- M.E.Environmental Engineering
- M.E.Infrastructure Engineering & Management

3. Year of Completion of Degree *

4. Name *

5. Current Designation *

6. Organization currently working in *

7. The existing curriculum matches with the emerging domain trends *

Mark only one oval.

- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree

8. Suggest few courses/topics that could be added to the existing curriculum to address the industrial needs *

9. Suggest few courses/topics that could be removed from the existing curriculum *

10. Suggest few programming languages/software framework/ hardware equipment /modern tools that can be included in the new curriculum *

11. Suggest few courses that can be offered to improve personal and interpersonal skills *

12. I am able to contribute significantly in providing a technical solution for complex engineering problems *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

13. I am able to apply the principles of mathematics and science in my projects *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

14. I am able to formulate an engineering problem for the societal/industrial needs *
and provide solutions with my problem solving skills

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

15. I am able to analyze and evaluate the assumptions used to solve the problem *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

16. I am able to develop and use prototypes to solve the complex engineering problems *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

17. I am able to find appropriate optimization techniques and synthesize the final design *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

18. I am able to collect and interpret customer needs for a given project. *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

19. I am able to analyze the trade-offs between alternative design approaches and select the one that is best for your project. *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

20. I am able to identify and use appropriate engineering tools and techniques to execute a given task *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

21. I am able to analyze the limitations of various engineering tools and choose the best to accomplish a task *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

22. I am able to identify the interactions that an engineering project has with the economic, social, health, safety, legal, and cultural aspects of society, *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

23. I am able to analyze impact of the professional engineering solutions in societal and environmental contexts *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

24. I am aware of ethical principles and professional practices related to my domain *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

25. I am able to analyze opposing positions on an issue and make a judgment based on the evidence *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

26. I am able to analyze the strengths and weaknesses of my team and provide support wherever required *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

27. I am confident in delivering a clear and organized formal presentation to a group of professionals and make effective documentation *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

28. I am able to apply project cost management principles to ensure that a project is completed within budget. *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

29. I am comfortable in learning new technologies and update myself to the growing needs *

Mark only one oval.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

A big thanks for your time and effort to give this valuable inputs.

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