

# Employer Feedback Survey

The employer feedback survey outcome will help our currently pursuing students in Thiagarajar College of Engineering (TCE), Madurai to improve their technical knowledge, personal, Professional and interpersonal skills. Hence, we request your valuable feedback about our students working in your organization.

Email \*

anandsiva10796@gmail.com

Name \*

Anand Sivakumar

Designation \*

AWS Devops engineer

Organization Name \*

TCS

Programme Outcome 01: (PO1) – Engineering knowledge.

1.

How confident TCE students are in their current ability to:

a. Use of technical knowledge to participate in engineering design discussion. \*

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

b. Use mathematics to describe and solve complex engineering problems \*

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

c. Use scientific laws to design experiment \*

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

d. Identify the mathematics and science behind innovations and experiments \*

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

Programme Outcome 02: (PO2) – Problem analysis

2. How confident TCE students are in their current ability to:

a. Formulate a plan of solutions for a complex engineering problem \*

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

b. Make and challenge assumptions that simplifies a complex engineering problem \*

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

c. Analyze and evaluate the assumptions that you made to solve the problem \*

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

Programme Outcome 03: (PO3) – Design/development of solutions

3. How confident TCE students are in their current ability to:

a. Choose requirements for the solutions of complex engineering design \*

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

b. Identify and analyze alternative design approaches to solve complex engineering problems \*

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

c. Develop and use prototypes to solve the complex engineering problems \*

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

d. Execute appropriate optimization and synthesize the final design \*

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

Programme Outcome 04: (PO4) – Conduct investigations of complex problems:  
4. How confident TCE students are in their current ability to:

a. Test a design solution to determine if it meets its specified needs. \*

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

b. Collect and interpret customer needs for a project you were given. \*

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

c. Analyze the trade-offs between alternative design approaches and select the one that is best for your project. \*

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

Programme Outcome 05: (PO5) – Modern tool usage  
5. How confident TCE students are in their current ability to:

a. Apply an appropriate engineering tools and techniques to execute a given task \*

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

b. Adapt or extend an engineering tools and techniques to accomplish a complex task \*

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

c. Describe the limitations of various engineering tools and choose the best one to accomplish a task \*

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

**Programme Outcome 06: (PO6) – The engineer and society**

6. How confident TCE students are in their current ability to:

a. Identify and describe the various goals and roles of the engineering profession, particularly the responsibilities of engineers to society \*

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

b. Identify the interactions that an engineering project has with the economic, social, health, safety, legal, and cultural aspects of society, \*

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

c. Apply technical, social, and environmental criteria to guide trade-offs between design alternatives \*

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

d. Describe how intellectual property is created, utilized and defended \*

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

Programme Outcome 07: (PO7) – Environment and sustainability

7. How confident TCE students are in their current ability to:

a. Identify the interactions external to the system, and the behavioral impact of the system \*

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

b. Incorporate sustainability considerations in project decision-making. \*

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

c. Describe the lifecycle performance, reliability, value and costs \*

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

**Programme Outcome 08: (PO8) – Ethics**

8. How confident TCE students are in their current ability to:

a. Admit when you have made a mistake. \*

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

b. Identify an ethical dilemma when it occurs in a project. \*

- Strongly Agree
- Agree
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c. Analyze opposing positions on an issue and make a judgment based on the evidence \*

- Strongly Agree
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Programme Outcome 09: (PO9) – Individual and team work

9. How confident TCE students are in their current ability to:

a. Get team members to make personal commitments to deliver what they had agreed to do for a project. \*

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

b. Review your team's strengths and weaknesses and tell others where the team might need help \*

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

c. At the start of a project, identify all the roles and responsibilities that your team will need to complete it. \*

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

Programme Outcome 10: (PO10) – Communication

10. How confident TCE students are in their current ability to:

a. Deliver a clear and organized formal presentation to a group of professionals. \*

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

b. Interpret a formal technical drawing in your engineering discipline. \*

- Strongly Agree
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c. Use various written styles to communicate complex engineering concepts to your colleagues \*

- Strongly Agree
- Agree
- Neutral
- Disagree
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d. Prepare a sketch of a design concept that is understood by your colleagues. \*

- Strongly Agree
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Programme Outcome 11: (PO11) – Project management and finance

How confident TCE students are in their current ability to:

a. Apply project cost management principles to ensure that a project is completed within budget. \*

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

b. Work with others to establish project objectives when different project tasks must be completed. \*

- Strongly Agree
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Programme Outcome 12: (PO12) –Life-long learning:  
How confident TCE students are in their current ability to:

a. Identify the best approach that is suited to your learning style. \*

- Strongly Agree
- Agree
- Neutral
- Disagree
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b. Use technical literature or other information sources to fill a gap in your knowledge \*

- Strongly Agree
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c. Recognize your strengths and weaknesses when working on a specific problem \*

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tharsanasenthilvel@gmail.com

Name \*

Tharsana

Designation \*

Employee (QA engineer)

Organization Name \*

Comcast

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