

# EMPLOYERS SURVEY

Department of Chemical Engineering  
Government Engineering College Trichur  
Thrissur, Kerala  
www.gectcr.ac.in



Dear Respondent

The Department of Chemical Engineering, Govt. Engineering College, Thrissur require feedback from our stakeholders i.e. Alumni Members, Employers, parents , students and staff, to gauge whether the B-Tech (Chemical Engineering) programme offered by our department is sufficient in preparing the students to be a competent engineer for professional life after their graduation.

The objectives of the survey are:

- (i) To collect the suggestions for reviewing the vision and mission of the department
- (ii) To gather information on the importance of the Program Educational Outcomes (PEO) and program Outcomes (PO) statements
- (iii) To gauge our graduates' accomplishments after graduation (PEO) and also to measure their attributes after completing the programme (PO)

We are grateful if you could spare some time to complete this survey.

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## COMPANY PROFILE

- Type of Company Sector**     Government                       Private
- Type of Industry**             Consultancy                       Education                       Manufacturing
- Service Industry                 Oil & Gas Industry             Others

**Name of the Company**    : \_\_\_\_\_

1. How many graduates have you hired from this department in the past five years?

2. Are there any other skills which will be in demand in the future that should be included in the educational preparation of fresh graduates? If yes, please specify
- Yes
  - No
  - Don't know

3. What other training do you wish they had received? (Specify)

4. How have graduates from this department contributed to the profession in your organization?

5. Indicate how well do you agree with mission and vision of the department

Strongly disagree     Disagree     can't say     Agree     Strongly agree

6. Indicate how well do you agree with each PEOs as a predicted accomplishment for the degree.

PEOs	Degree of relevance				
	1	2	3	4	5
1. Graduates who can effectively manage chemical process industries to address the global challenges and demands by ensuring quality and sustainability.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Graduates with a passion for chemical engineering to pursue higher studies, research and development, innovation and lifelong learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Graduates with the basic knowledge in interdisciplinary areas such as biotechnology, health, safety, environment, energy to take up and solve real life problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Graduates with good management and leadership skills, discipline, confidence, self esteem, teamwork, communication skills and strong adherence to ethical values and social commitment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Graduates with sound knowledge to prepare detailed project reports for chemical industries and acquire entrepreneurship capabilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1-Least relevant      2- Less relevant      3- Can't say      4- relevant      5- Very relevant

7. Do you suggest any changes in the PEOs? (Specify)

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8. Indicate how well do you agree with each POs as a predicted accomplishment for this programme.

POs	Degree of relevance				
	1	2	3	4	5
1. Engineering knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Problem analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Design/development of solutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Conduct investigations of complex problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Modern tool usage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. The engineer and society	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Environment and sustainability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Ethics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Individual and team work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Communication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Project management and finance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Life-long learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1-Least relevant      2- Less relevant      3- Can't say      4- relevant      5- Very relevant

9. Indicate how well do you agree with each PSOs as a predicted accomplishment for this programme.

PSOs	Degree of relevance				
	1	2	3	4	5
1. Chemical plant design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Problem solving in chemical engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Novel materials and process development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1-Least relevant

2- Less relevant

3- Can't say

4- relevant

5- Very relevant

10. List a few courses that you wish to include in the B.Tech (Chemical Engineering) programme which you think are important for building up a good career.

11. Do you agree that the course outcomes of this programme help to achieve the PEOs

Strongly disagree

Disagree

can't say

Agree

Strongly agree

Other suggestions, if any:

Place:

Signature

Date:

Name and Designation

The Department of Chemical Engineering would like to thank you for your willingness in spending your valuable time to complete this questionnaire. Your time and effort is much appreciated.

After completing the form, please send a scanned copy of the form to [hodche@gectcr.ac.in](mailto:hodche@gectcr.ac.in) or send the print out version of this form to the address given below:

***(N.B: Please refer to the annexure for the details about vision and mission of the department, PEOs PSOs and POs)***

Head of the Department  
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Government Engineering College Thrissur, Kerala