



PONDICHERRY ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
ALUMNI SURVEY

As part of our evaluation about the EIE department in Pondicherry Engineering College, we would like you to take a few minutes to complete this brief questionnaire. We are looking for your opinion in the following areas. Your participation is greatly appreciated. Best wishes for your future endeavors.

Please fill the brackets with the options

Alumni/Career Information:

Gender/Ethnicity : 1 Male 2 Female []

Year of Graduation from PEC :

Did you graduate from PEC within the past 1 one year 2 five years 3 Ten Years? []

Are you attending/attended graduate school 1 Yes 2 No []

Highest degree earned? 1 M.E 2 M.S 3 PhD
4 Other []

In which area do you work in?

1 Networking 2 Instrumentation 3 Corporate 4 Design
5 Education 6 IT 7 Project Manager 8 Banking
9 Developer 10 Others []

What is your primary job function?

1 Management 2 Education 3 Testing/Quality Control
4 Graduate Student 5 R&D 6 Component Design
7 Operation & Maintenance 8 Developer 9.others []

What is your job title?

- 1 Junior Engineer 2 Project Engineer 3 Chief Engineer
4 Senior Engineer 5 Development Engineer 6 Project Manager
7 Sales Engineer 8 Production Engineer 9 Project Leader
10 Quality Assurance Manager 11 Design Engineer
12 Educator 13 Operator 14 Others []

How many years have you worked as an Engineer?

1. 1-2 2. 3-4 3. 5-6 4. >7 []

Have you specified in project management and taken any examination?

- 1 Yes 2 No []

If yes, did you pass the exam? 1 Yes 2 No []

Are you a licensed Professional Engineer? 1. Yes Year 2. No []

If no, are you planning to become one? 1. Yes 2. No []

Assessment of Program Outcomes:

Following are the skills/abilities/attributes expected of engineering graduates. On a scale of [5 – 1] with [5] being the highest rating and [1] being the lowest, how would you rate the following?

While rating them, keep in mind **how important each outcome has been to your employment and how well your education at EIE Department of PEC has prepared you for that.**

Question 1: An ability to apply Knowledge of mathematics, science, and engineering []

5	4	3	2	1
---	---	---	---	---

Question 2: An ability to analyze, design and conduct Experiments []

5	4	3	2	1
---	---	---	---	---

Question 3: An ability to design a system, component, or process to meet desired needs []

5	4	3	2	1
---	---	---	---	---

Question 4: An ability to function on multi-disciplinary teams []

5	4	3	2	1
---	---	---	---	---

Question 5: An ability to identify, formulate, and solve engineering problems []

5	4	3	2	1
---	---	---	---	---

Question 6: An understanding of professional and ethical responsibility []

5	4	3	2	1
---	---	---	---	---

Question 7: An ability to communicate effectively []

5	4	3	2	1
---	---	---	---	---

Question 8: The broad education necessary to understand the impact of engineering solutions in global and societal context []

5	4	3	2	1
---	---	---	---	---

Question 9: A recognition of the need for and an ability to engage in life-long learning []

5	4	3	2	1
---	---	---	---	---

Question 10: A knowledge of contemporary issues []

5	4	3	2	1
---	---	---	---	---

Question 11: An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice []

5	4	3	2	1
---	---	---	---	---

Question 12: An ability to recognize, adapt and to apply the knowledge of electronics and Instrumentation to optimize embedded systems to various applications []

5	4	3	2	1
---	---	---	---	---

Assessment of Program Educational Objectives:

Please rate the following program educational objectives. These objectives are statements that describe the expected accomplishments of graduate after graduation. Rate each item with respect to your knowledge and experience gained.

Question 13: Our graduates have the ability to adapt contemporary technologies in electronics and Instrumentation to cater the needs of the society. []

5	4	3	2	1
---	---	---	---	---

Question 14: Our graduates have the ability to apply the knowledge gained from modern design methodologies to address current technical issues. []

5	4	3	2	1
---	---	---	---	---

Question 15: Our graduates emphasize on high degree of ethics and standards while executing multidisciplinary engineering projects; they also consider economic, environmental and social issues while executing such projects. []

5	4	3	2	1
---	---	---	---	---

Overall Assessment of Alumni Experience

Question 16: Would you recommend the Electronics and Instrumentation Engineering program at PEC to a relative/friend?

1 Yes 2 May be 3 No []

Question 17: What do you think are the strength of Electronics and Instrumentation Engineering program at PEC?

Question 18: What do you think are the weakness of the Electronics and Instrumentation Engineering program at PEC?

Any suggestions on how to improve...

Question 19: Any other comments?

Question 20: How do you rate this survey?

5	4	3	2	1
---	---	---	---	---