STUDENT PORTFOLIO SURVEY

QUESTIONS   RESPONSES

Section 1 of 2

STUDENT PORTFOLIO SURVEY

Form description

Name of the Counsellor *

Short answer text

Name of the Student: *

Short answer text

Short answer text

A. General Questions:

Description (optional)

1.Are you encouraging the student to participate co-curricular activities and *
extracurricular activities?   YES/NO

Short answer text

B. Assessment of the Program Outcomes:

How far Student has the following abilities/capabilities under your guidance?

1   Apply the knowledge of mathematics, science, engineering   *
fundamentals, and an engineering specialization to solve complex
engineering problems.

◯   Excellent

◯   Very Good

○ Average

○ Poor

2   Identify, formulate, review research literature and analyze complex engineering problems for drawing substantiated conclusions by using fundamental principles of mathematics, natural sciences, and engineering sciences. *

○ Excellent

○ Very Good

○ Good

○ Average

○ poor

3   Offer solutions for complex engineering problems by designing system components or processes that meet the specified needs with appropriate consideration for public health and safety, and the cultural, societal, and environmental considerations *

○ Very Good

○ Good

○ Average

○ Poor

4   Use research-based knowledge and research methods, including design   *
of experiments, analysis and interpretation of data; and synthesize
information to provide valid conclusions.

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

5   Create, select, and apply appropriate techniques, resources, and modern   *

○ Excellent

○ Good

○ Fair

○ Poor

6   Apply reasoning based on contextual knowledge to assess societal, *
health, safety, legal and cultural issues and the consequent responsibilities
relevant to professional engineering practice.

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

7   Understand the impact of professional engineering solutions in societal *
and environmental contexts, and demonstrate the knowledge of, and need for

○ Excellent

○ Very Good

○ Good

○ Average

○ Poor

8   Apply ethical principles to professional duties or responsibilities by following the norms of engineering practice. *

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

9   Function effectively as an individual, a member or a leader in diverse *

○ Very good

○ Good

○ Average

○ Poor

10   Communicate effectively on complex engineering activities within the *
engineering community and with society at large, such as, being able to
comprehend and write effective reports and design documentation, make
effective presentations, and give and receive clear instructions.

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

management principles; and apply these to one's own work, as a member and

○ Excellent

○ Very Good

○ Good

○ Average

○ Poot

12   Recognize the need for lifelong learning; and have the preparation and *
ability to engage in independent and life-long learning in the broader context
of technological changes.

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

13   How effectively the student able to interact with other institution? *

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

14   How effectively the student able to participate in co-curricular activities? *

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

15   How effectively the student able to participate in extra-curricular   *

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

After section 1   Continue to next section   ▾

Section 2 of 2   ⌄   ⋮

B.Assessment of the Program-specific Outcomes

Description (optional)

1.   Acquire the ability to explore the design, installation & operation of the basic instrumentation system used in industrial environments as well as   *

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

2. Apply appropriate modern hardware and software tools like PLC, LABVIEW, MATLAB in order to implement and evaluate process control and instrumentation systems along with the safety measures that enable him/her to work effectively as an individual or part of a multidisciplinary team.

*

○ Excellent

○ Very good

○ Good

○ Average

○ Poor

Description (optional)

(i) any new subject to be added_____

Short answer text

(ii) any subject to be removed _____

Short answer text

(iii) any topics to be added/removed _____

Short answer text

iv) Suggest any new technology/software tool/module_____

Short answer text

General Comments   Please mention any additional
comment or suggestion that you think would help strengthen our program.