Program Exit Survey

(To be filled by Graduate)

The department of Electrical and Electronics Engineering in LBRCE, Mylavaram is implementing outcome based education as per the requirements of National Board of Accreditation. It is required to collect feedback from our stakeholders i.e. alumni, industries, and professional advisory organizations. This will help to evaluate / improve B.Tech programme in preparing students to become competent engineers for professional life after graduation.

The objective of the survey is

1.To gather information on the importance of the programme educational objectives(PEOs), programme outcomes(POs) and programme specific outcome(PSOs) statements.

2. To measure our graduate accomplishments after few years of graduation (PEO) and also to measure their attributes soon after of the graduation (PO&PSO)

Department will be grateful if you spare some time to complete this survey form. Please tick in the small boxes and enter data in the space provided.

1. Name of the Graduate _____
2. Year of Graduation _____
3. Contact No(Mobile ……..
4. Email id:…….....
5. Address:…….
6. Roll Number_____

PART-A: TEACHING-LEARNING:

Rate on a 5 Point Scale (5- Very Important, 4- Important, 3- Somewhat important, 2- Neutral, 1- Not important)

*Kindly write Suggestions, if any, based on your graduation experience. These suggestions will be helpful to us in strengthening our teaching and learning practices for the current UG / PG students.

1)How do you rate the quality and relevance of the courses included in the curriculum?

- 1
- 2
- 3
- 4
- 5

2) How do you rate the electives offered in the program in relation to the technical advancement?

- 1
- 2
- 3
- 4
- 5

3)How do you rate the laboratory courses in terms of their relevance to the real life applications?

- 1
- 2
- 3

- 4
- 5

4)How do you rate the trainings offered to use the techniques, skills, and modern engineering tools necessary for engineering practice?

- 1
- 2
- 3
- 4
- 5

5)How do you rate the courses in terms of their relevance to the latest technologies?

- 1
- 2
- 3
- 4
- 5

6)How do you rate ambience of the institute for effective delivery of the academic programmes?

- 1
- 2
- 3
- 4
- 5

7)How do you rate the quality of teaching in the campus?

- 1
- 2
- 3
- 4
- 5

8)How do you rate the treatment of students by the faculty?

- 1
- 2
- 3
- 4
- 5

9)How do you rate the transparency of evaluation system in the college?

- 1
- 2
- 3
- 4
- 5

PART-B: Program Outcomes (POs) & Program Specific Outcomes(PSOs)

Programme Outcomes (POs) and Programme specific outcomes (PSOs) are statements describing knowledge, skills, behaviors and abilities which should be achieved by graduates soon after graduation

Program Outcomes (POs)

Statement Importance (with respect to your industry):

a: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

- 1
- 2
- 3
- 4
- 5

b: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

- 1
- 2
- 3
- 4
- 5

c: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- 1
- 2
- 3
- 4
- 5

d: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

- 1

- 2
- 3
- 4
- 5

e.: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- 1
- 2
- 3
- 4
- 5

f: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- 1
- 2
- 3
- 4
- 5

g. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

- 1
- 2
- 3
- 4
- 5

h: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

- 1
- 2
- 3
- 4
- 5

i: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

- 1
- 2
- 3

- 4
- 5

j: Communication: Communicate effectively on complex engineering activities with 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.

- 1
- 2
- 3
- 4
- 5

k: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

- 1
- 2
- 3
- 4
- 5

l: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

- 1
- 2
- 3
- 4
- 5

Program Specific Outcomes(PSOs)

PSO-a: Specify, design and analyze systems that efficiently generate, transmit and distribute electrical power

- 1
- 2
- 3
- 4
- 5

PSO-b: Design and analyze electrical machines, modern drive and lighting systems

- 1
- 2
- 3
- 4

- 5

PSO-c: Specify, design, implement and test analog and embedded signal processing electronic systems

- 1
- 2
- 3
- 4
- 5

PSO-d: Design controllers for electrical and electronic systems to improve their performance

- 1
- 2
- 3
- 4
- 5

General Comments

Please make any additional comments or suggestions, which you think would help strengthen our programs for the preparation of graduates who will enter your field.

Thank you for sparing your valuable time.