SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN :: BHIMAVARAM
(Autonomous)

Department of Electronics and Communication Engineering

GRADUATE EXIT SURVEY

Academic Year :

Dear Graduating Student,

Congratulations on successfully completing your academic journey with us! As our Department looks ahead to future growth, we would greatly appreciate it if you could take a few minutes to share your valuable feedback.

This **Graduate Exit Survey** of **B.Tech. – Electronics and Communication Engineering** aims to assess the quality of our academic programs, faculty support, infrastructure, and career guidance services.

Your responses will be kept confidential and used solely for academic improvement.

Graduation Year: *Name (Optional):*

Email (Optional):   *Mobile (Optional):*

Current Employment Status:
- ☐ In Internship / Got Placement
- ☐ Planning for Higher Studies
- ☐ Entrepreneurship
- ☐ Preparing for Competitive Exams
- ☐ Other: _____

Please rate the extent to which the program has prepared you in the following areas. Use the scale below and Tick your response:
  1 = Needs Improvement   2 = Satisfactory   3 = Good   4 = Excellent

* Statements of Vision, Mission, PEOs, POs and PSOs are enclosed as Annexure – 1

SECTION 1: Vision, Mission And Program Educational Objectives (PEOs)

S. No.	Feedback	1	2	3	4
Vision	To what extent do you feel the department's Vision was effectively aligned with your learning experience throughout the program?	☐	☐	☐	☐
Mission	How effectively did the department's Mission align with your professional growth during the program?	☐	☐	☐	☐

PEO1	Applying technical knowledge to analyse real-time problems and develop effective solutions in the field of ECE.	☐	☐	☐	☐
PEO2	Motivation and involvement in lifelong learning to become an innovator and dynamic leader.	☐	☐	☐	☐
PEO3	Commitment to professional ethics and moral values in formulating and solving engineering problems that serve society.	☐	☐	☐	☐

Section 2: Program Outcomes & Program specific outcomes

S. No.	Feedback	1	2	3	4
PO1	Applying knowledge of mathematics, natural science, computing, and engineering fundamentals to solve complex engineering problems.	☐	☐	☐	☐
PO2	Identifying, formulating, reviewing research literature, and analyzing complex engineering problems to reach substantiated conclusions, considering sustainable development.	☐	☐	☐	☐
PO3	Designing solutions for complex engineering problems and systems that meet specified needs with consideration for public health, safety, and welfare.	☐	☐	☐	☐
PO4	Conducting investigations of complex problems using research-based knowledge and methods.	☐	☐	☐	☐
PO5	Using modern engineering tools and techniques to solve engineering problems.	☐	☐	☐	☐
PO6	Assessing societal, health, safety, legal, and cultural issues in engineering practice.	☐	☐	☐	☐
PO7	Understanding the impact of engineering solutions on environmental sustainability and society.	☐	☐	☐	☐
PO8	Applying ethical principles and professional responsibilities in engineering practice.	☐	☐	☐	☐
PO9	Functioning effectively in teams to accomplish common goals.	☐	☐	☐	☐
PO10	Communicating effectively with diverse audiences through written, oral, and technical means.	☐	☐	☐	☐
PO11	Managing engineering projects, including leadership, resource management, and lifelong learning.	☐	☐	☐	☐
PO12	Adapting to new technologies and acquiring new skills through continuous learning in a rapidly changing environment.	☐	☐	☐	☐
PSO1	Developing assistive products, medical electronic systems, and modern antennas to address specific real-world challenges.	☐	☐	☐	☐
PSO2	Implementing technology from specifications to silicon in the areas of digital and analog VLSI systems.	☐	☐	☐	☐

Please rate the extent to which the program has prepared you in the following areas. Use the scale below and tick your response:
  1 = Needs Improvement   2 = Satisfactory   3 = Good   4 = Excellent

Section 3: Program Effectiveness & Learning Experience

1. How satisfied are you with the structure of the curriculum in terms of course sequencing and content flow?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

2. How effectively did the components of the curriculum (core subjects, electives, labs, projects) contribute to your overall learning?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

3. How satisfied are you with the balance between theoretical knowledge and practical application in the curriculum?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

4. How satisfied are you with the inclusion of emerging technologies and interdisciplinary topics in the curriculum?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

5. How would you rate the instruction methodologies (e.g., lectures, hands-on sessions, interactive learning) used by the faculty?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

6. How effective were the assessment methods (e.g., exams, assignments, projects) in evaluating your understanding of the course content?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

7. How satisfied are you with the fairness and transparency in the evaluation process throughout your program?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

8. How effectively did the program encourage self-learning through research assignments, online resources, or independent projects?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

9. To what extent did the program raise awareness and offer opportunities to address community development and societal issues?
   ☐ Needs Improvement   ☐ Satisfactory
   ☐ Good   ☐ Excellent

10. How satisfied are you with the opportunities provided for participation in co-curricular and extra-curricular activities (e.g., student clubs, cultural events, sports)?
☐ Needs Improvement ☐ Satisfactory
☐ Good ☐ Excellent

11. How effective were the industry interactions (e.g., guest lectures, workshops, industry visits) in enhancing your practical knowledge?
☐ Needs Improvement ☐ Satisfactory
☐ Good ☐ Excellent

12. How well did the internship and placement opportunities provided by the institution prepare you for industry practices and career growth?
☐ Needs Improvement ☐ Satisfactory
☐ Good ☐ Excellent

13. How satisfied are you with the overall infrastructure (e.g., classrooms, laboratories, libraries) and its contribution to your learning experience?
☐ Needs Improvement ☐ Satisfactory
☐ Good ☐ Excellent

14. Would you be willing to contribute as an alumni mentor?
☐ Yes ☐ No

15. Would you like to participate in alumni networking events?
☐ Yes ☐ No

Any suggestions for improving the Overall program?

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Thank you for your time and valuable feedback!

Date : **Signature :**

Vision

"To become leading centre of learning that incorporates the academic excellence and latest trends in research to make a significant contribution to the society in the field of Electronics and Communication Engineering."

Mission

- To educate and empower the students with state of art knowledge and latest trends in electronics and communication engineering to meet the growing real-world challenges
- To provide training to the students that bridges the gap between industry and academia
- To inculcate professional ethics and morals among the students
- To inspire the students to use technology for societal issues

Program Educational Objectives :: B.Tech. - ECE

PEO1. Graduates will have the ability to apply the principles of Electronics and Communication Engineering that provides solutions for real world problems.

PEO2. Graduates will have the zeal and motivation to get involved in lifelong learning process to become innovators and dynamic leaders.

PEO3. Graduates will have professional ethics and morals to formulate and solve engineering problems that serve the society.

Program Outcomes

PO1. *Engineering knowledge:* Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2. *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.

PO3. *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.

PO4. *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.

PO5. *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.

PO6. ***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.

PO7. ***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.

PO8. ***Ethics:*** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. ***Individual and team work:*** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. ***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.

PO11. ***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.

PO12. ***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.

Program Specific Outcomes :: B. Tech. – ECE

PSO1. Innovate and Develop the Assistive Products, Medical Electronic Systems and Modern Antennas to Cater the Specific Requirements of Real-World Problems.

PSO2. Transfer the Technology from Specifications to Silicon, in the areas of Digital and Analog VLSI Systems.

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