

Dr. Mahalingam College of Engineering and Technology, Pollachi

(An Autonomous Institution affiliated to Anna University, Chennai)

Faculty Feedback Form

Name: *Dr. R. Sindhakar*

Department: *ECE*

Subject Handled (Previous Semester / Year)

Date: *04/8/2021*

Designation: *Professor & Head.*

Total Work Experience: *22 years*

Academic Year	Odd Semester	Even semester
<u>20-21</u>	<i>Digital Image processing</i>	<i>Digital Signal processing</i>

Assessment for the Department of Electronics and Communication Engineering

Following are the Programme Educational Objectives, Programme Outcomes and Programme Specific Outcome of our department. Please rate the performance of our department graduates in your perspective based on a 4-point rating scale as given below:

A. Achievement of Programme Educational Objectives (PEOs)

S.No.	Programme Educational Objective	Can't evaluate	Very well Accomplished	Well accomplished	Moderately accomplished	Poorly accomplished
1.	Actively apply knowledge and technical skills in engineering practices towards the progress of the organization in competitive and dynamic environment			<input checked="" type="checkbox"/>		
2.	Own their professional and personal development by continuous learning and apply the learning at work to create new knowledge			<input checked="" type="checkbox"/>		
3.	Conduct themselves in a responsible and ethical manner supporting sustainable economic development which enhances the quality of life.			<input checked="" type="checkbox"/>		

B. Assessment of Programme Outcomes

S.No.	Criteria	Can't evaluate	Very well accomplished	Well accomplished	Moderately accomplished	Poorly accomplished
1.	Apply the knowledge of Mathematics, Science and engineering to solve problems in the field of Electronics & Communication Engineering.			✓		
2.	Identify, formulate/model, analyze and solve complex problems in the field of Electronics & Communication Engineering.				✓	
3.	Design an electronic system/component, or process to meet specific purpose with due consideration for economic, environmental, social, political, ethical, health and safety issues.			✓		
4.	Design and conduct experiment, analyze and interpret data to provide valid conclusions in the field of Electronics and Communication Engineering.			✓		
5.	Apply appropriate techniques and modern software tools for design and analysis of Electronic systems with specified constraints.			✓		
6.	Apply contextual knowledge to provide engineering solutions with societal, professional & environmental responsibilities.				✓	
7.	Provide sustainable solutions within societal and environmental contexts for problems related to Electronics & Communication Engineering.			✓		
8.	Comply with code of conduct and professional ethics in engineering practices.			✓		
9.	Perform effectively as a member/leader in multidisciplinary teams.			✓		
10.	Communicate effectively to engineering community and society with proper aids and documents.				✓	
11.	Demonstrate knowledge and understanding of the engineering and management principles to manage projects in multidisciplinary environment.			✓		
12.	Recognize the need for, and have the ability to engage in independent and lifelong learning.			✓		

C. Assessment of Programme Specific Outcomes

S.No.	Criteria	Can't evaluate	Very well accomplished	Well accomplished	Moderately accomplished	Poorly accomplished
1.	Apply technologies of electronics, embedded systems; signal processing, communication and networking in the field of industrial automotive, consumer, medical and defense electronics industries.			✓		
2.	Apply the design flow of Very Large Scale Integrated circuits to design and test Integrated Circuits in Semiconductor industries.				✓	

D. Curriculum Feedback

Please provide feedback on the expectations and changes that may be made in the course curriculum you currently handled, to bridge the gap between stake-holder expectations and students' level.

New Topics on current technologies and tools that may be introduced in our curriculum:

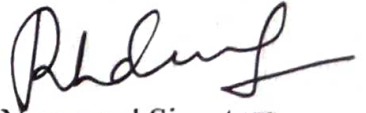
1. Z transform ^{topic} can be moved to Digital Signal processing subject. so that ^{discrete} system analysis will be easy for students.
2. In the DSP subject lab can be appended along with Theory so that students can understand the subject better.

Techniques and methods that may be used in our curriculum for effective learning by the students:

1. Integrated Theory & Lab can be introduced. so that students
2. can understand the subject in an effective way.

If any further comments / suggestions, please provide here:

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 Name and Signature
 (Dr. R. Sudhakar)