



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 2

TEACHING-LEARNING AND EVALUATION

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





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COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
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NAAC Accredited, 2(F) Status Institution by UGC



Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator-2.6 Student Performances and Learning Outcome (90)

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all programmes offered by the institution are stated and displayed on website


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2021-2022

ATTAINMENT EVALUATION OF POs & Cos ELECTRICAL AND ELECTRONICS ENGINEERING

Table of Content

S.No	Particulars	Page No
1	CO-PO-PSO Attainment Report	
2	CO-PO Attainment Sample Sheet	
3	Action taken Report	


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING		
ACADEMIC YEAR-2021-2022		
PO/PSO	STATEMENT	ATTAINED VALUE -
PO1	Apply the Mathematical knowledge and the basics of Science and Engineering to solve the problems pertaining to Electronics and Instrumentation Engineering.	2.6
PO2	Identify and formulate Electrical and Electronics Engineering problems from research literature and be able to analyze the problem using first principles of Mathematics and Engineering Sciences	2.2
PO3	Come out with solutions for the complex problems and to design system components or process that fulfill the particular needs taking into account public health and safety and the social, cultural and environmental issues	1.62
PO4	Draw well-founded conclusions applying the knowledge acquired from research and research methods including design of experiments, analysis and interpretation of data and synthesis of information and to arrive at significant conclusion	1.1
PO5	Form, select and apply relevant techniques, resources and Engineering and IT tools for Engineering activities like electronic prototyping, modeling and control of systems and also being conscious of the limitations	1.18
PO6	Understand the role and responsibility of the Professional Electrical and Electronics Engineer and to assess societal, health, safety issues based on the reasoning received from the contextual knowledge	1.6
PO7	Be aware of the impact of professional Engineering solutions in societal and environmental contexts and exhibit the knowledge and the need for Sustainable Development	2.03
PO8	Apply the principles of Professional Ethics to adhere to the norms of the engineering practice and to discharge ethical responsibilities	1.8


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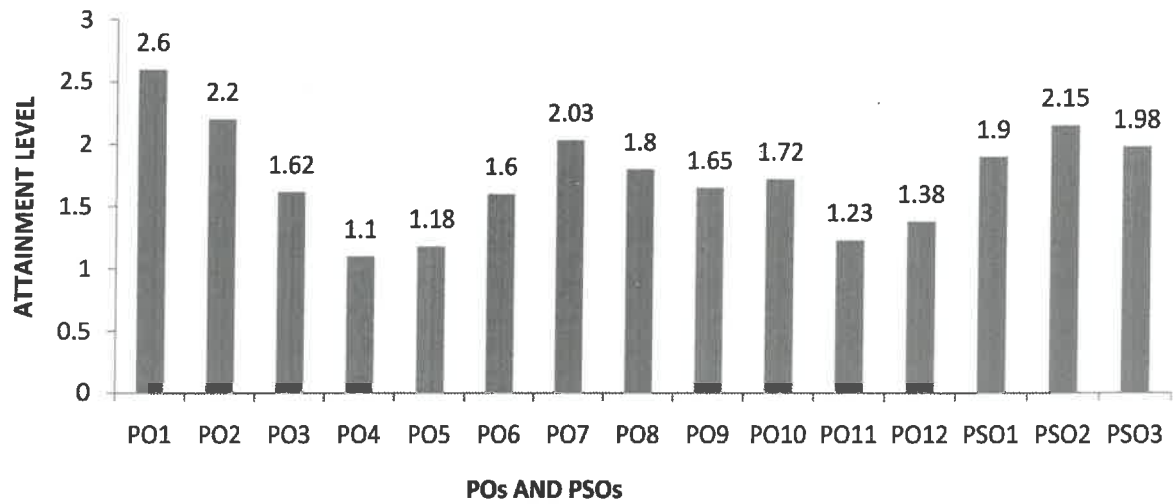
PO9	Function actively and efficiently as an individual or a member/leader of different teams and multidisciplinary projects	1.65
PO10	Communicate efficiently the engineering facts with a wide range of engineering community and others, to understand and prepare reports and design documents; to make effective presentations and to frame and follow instructions	1.72
PO11	Demonstrate the acquisition of the body of engineering knowledge and insight and Management Principles and to apply them as member / leader in teams and multidisciplinary environments.	1.23
PO12	Recognize the need for self and life-long learning, keeping pace with technological challenges in the broadest sense	1.38
PSO1	To analyze, design and develop solutions by applying foundational concepts of electronics and communication engineering.	1.9
PSO2	To apply design principles and best practices for developing quality products for scientific and business applications.	2.15
PSO3	To adapt to emerging information and communication technologies (ICT) to innovate ideas and solutions to existing/novel problems.	1.98

G. Malathi
HoD


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Principal

2021-22 EEE DEPARTMENT CO-PO-PSO ATTAINMENT



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ACTION TAKEN REPORT FOR CO-PO-PSO ATTAINMENT ACADEMIC YEAR 2021-2022

In order to bridge the gap between the attainments with respect to target level in each **POs** and **PSOs** the following measure were taken

SL.NO	NAME OF ACTIVITIES PROPOSED	FOCUSED POs and PSOs
1	Value Added course (VAC)-advanced surveying on total stations	PO1,PO2,PO3,PO4,PO5,PO9, PO10,PO12,PSO1,PSO2,PSO3
2	Entrepreneurship & Development cell (EDC) –Awareness about entrepreneurship, innovation and importance of an EDC	PO6,PO07.PO8,PO11
3	Intellectual Properties Right (IPR)-Role of IPR Green Technology	PO6,PO07.PO8,PO11
4	Languages and Communication Technologies(LCT) –effect of technology in intercultural	PO9,PO10
5	Soft Skill Programme – way from campus to corporate	PO10
6	Life Skill Programme – entrepreneurship and innovations	PO8
7	Information Communication Technology (ICT) Tools- all in communication tools	PO5,PO12
8	Research Methodology (RM)- Safety management system at construction industry	PO1,PO2,PO3,PO4, PSO1,PSO2,PSO3

A. Malathi
HoD

(Signature)
Principal

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