



# 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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**Criteria 2 Teaching-Learning and Evaluation**

**350**

## **Key Indicator- 2.6. Student Performance and Learning Outcome (90)**

2.6.2 Attainment of POs and COs are evaluated (20)

# 2020-2021

## **ATTAINMENT EVALUATION OF POs & COs**

### **CIVIL ENGINEERING**

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### Department of Civil Engineering

Academic Year (2020 - 2021)

#### PO-PSO ATTAINMENT

PO/PSO	STATEMENT	ATTAINMENT VALUE
PO1	Apply knowledge of mathematics, science and engineering to Civil engineering problems	2.73
PO2	Identify, formulate, research literature and solve complex Civil engineering problems	2.03
PO3	Design various structures or particular system that meets desired specifications and requirements	1.73
PO4	Design and conduct experiments, interpret and analyze data, synthesize the information to provide conclusion	1.19
PO5	Select and use appropriate engineering techniques and software tools to analyze Civil engineering problems with understanding of limitations.	1.23
PO6	Assess local and global impact of societal issues on Civil engineering profession	1.56
PO7	Able to understand the impact of engineering solutions on society and demonstrate the knowledge of, and need for sustainable development	2.67
PO8	Demonstrate their professional and ethical responsibilities.	1.4
PO9	Able to function as a member or a leader on engineering and science laboratory teams, as well as on multidisciplinary teams	1.82
PO10	Communicate effectively in both verbal and written forms	1.75

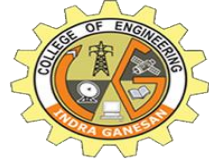
<b>PO11</b>	Understand engineering and management principles and apply to their work as a member and/ or leader in a team to manage projects	<b>1.3</b>
<b>PO12</b>	Adapt transform in industry by understanding the need of independent and lifelong learning	<b>1.78</b>
<b>PSO1</b>	Survey, map, plan and mark layouts for buildings and other structures	<b>1.89</b>
<b>PSO2</b>	Specify, analyze, design, test and assess different structures with quality and safety aspect	<b>2.11</b>
<b>PSO3</b>	Plan, analyze, and design water resources systems with effectiveness and sustainable environmental considerations	<b>1.89</b>



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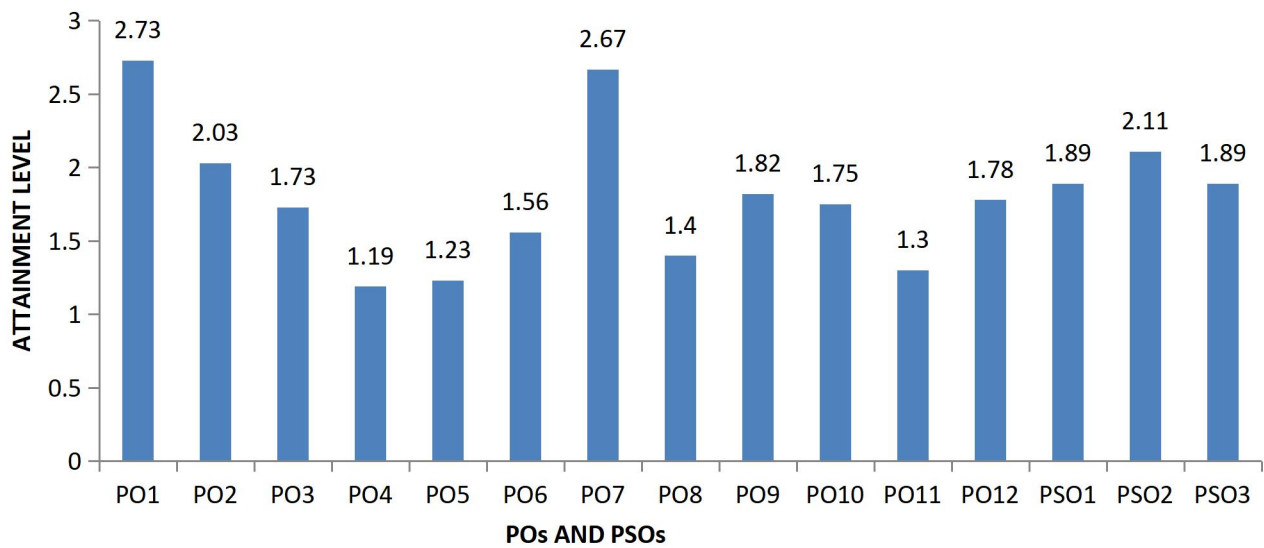


Department of Civil Engineering

Academic Year (2020 - 2021)

PO-PSO ATTAINMENT

### 2020 - 2021 CIVIL DEPARTMENT CO-PO-PSO ATTAINMENT





## DEPARTMENT OF CIVIL ENGINEERING ACTION TAKEN REPORT FOR CO-PO-PSO ATTAINMENT

ACADEMIC YEAR 2020-2021

In order to bridge the gap between the attained level with respect to the target level in each POs and PSOs, the following corrective measures were taken.

S.NO	NAME OF THE ACTIVITY PROPOSED	FOCUSED POS & PSOS
1	Value Added Course (VAC) - Advanced surveying on total station.	PO1,PO2, PO3,PO4,POS, PO9,PO10, PO12, PSO1,PSO2,PSO3
2	Entrepreneurship & Development cell (EDC) - Awareness about Entrepreneurship, innovation and importance of an E&I cell.	PO6,PO7,PO8,PO11
3	Intellectual Property Rights (IPR) - Role of IPR in green technologies	PO6,PO7,PO8,PO11
4	Language and Communication Technology (LCT)-Effect of Technology in Intercultural Communication.	PO9,PO10
5	Soft Skill Program - Way from campus to corporate	PO10
6	Life Skill Program - Entrepreneurship and Innovation.	PO8
7	Information Communication Technology (ICT) tools-AI in communication tools	PO5,PO12
8	Research Methodology (RM) - Construction safety management	PO1,PO2, PO3,PO4,PSO1,PSO2,PSO3.