



# **COURSE OUTCOME & PROGRAM OUTCOME ATTAINMENT CALCULATION**



## **PROJECT REPORT**

**Submitted by**

**AJITH P (714019205004)**

**KARPAGAMAINTHAN M (714019205023)**

**NAVEEN E (714019205031)**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF TECHNOLOGY**

**IN**

**INFORMATION TECHNOLOGY**

**SRI SHAKTHI**

**INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**An Autonomous Institution, Accredited by NAAC with “A” Grade**

**ANNA UNIVERSITY: CHENNAI 600025**

**MAY 2023**

**BONAFIDE CERTIFICATE**

Certified that this report titled “**COURSE OUTCOME & PROGRAM OUTCOME  
ATTAINMENT CALCULATION**” is the bonafide work of “**AJITH (19IT004),  
KARPAGAMAINTHAN M (19IT023), NAVEEN E (19IT031)**”, who carried out the work  
under my supervision.

**Project Guide**

Dr. S. Prakash

Professor,

Dept. of Information Technology

**Co-Ordinator**

Dr. R. P. S. Manikandan

Associate Professor,

Dept. of Information Technology

**Head of the Department**

Dr. S. Prakash

Professor

Dept. of Information Technology

**Submitted for the project work viva voce Examination held on.....**

**Internal Examiner**

**External Examiner**

## **ABSTRACT**

The course outcome & program outcome attainment calculation system is a set of tools that enables the teaching staff to create student batch and enter their exam scores on the Web in order to calculate attainment. It enables the college or university to provide individual user account to each faculty. All the user accounts (Admin and teaching faculty) are password protected. So, the database can be termed as secured.

In CO & PO Attainment Calculation Portal , only administrative section is allowed to create the account, but faculty can register with application. After creating the account, the user can view his/her detail by using SQL query.

In the existing system, we can store all the record manually in spreadsheets that require large manpower & place to store all the records but it does require only a database connectivity to store all the data. It can handle all details about a college mark sheet system. The details include faculty details, subject details, student personnel details, academic details, exam details. In this we can implement a facility that a faculty can be able to create a new batch of students and other faculties those who have mapped to handle subjects, can able to access and enter marks of that batch students.

In this CO & PO Attainment Calculation Portal there are two modules like administrator and faculty. Admin can produce accounts for college .Faculty can create batch and gives access to their respective semester faculties to enter students marks.

## ACKNOWLEDGEMENT

We express our heartfelt gratitude to **Dr. S Thangavelu**, our esteemed Chairman, for providing a wonderful platform for us to expand our horizons, install new ideas, and implement technological advancements in the real world.

Our heartfelt appreciation to our passionate Secretary, **Mr. T Dheepan**, for stressing the value of placing our project's research into motion so that it can be a successful solution to every current problem.

Our sincere gratitude to our dynamic Secretary, **Mr. T Sheelan**, for overseeing the facilities and creating a conducive work environment for us to execute the programme.

We owe it to our beloved Principal, **Dr. A R Ravi Kumar**, to express our gratitude for his unwavering help in instilling in us the values of ethics and morals in our daily lives.

A big salute to our vibrant Head of the Department, **Dr. S Prakash**, for imbibing the scope of project and systematic procedure in execution. We express our genuine thanks for encouraging us throughout the project period to complete it successfully.

We are grateful to our mentor, **Dr. S Prakash**, for leading us through the construction of this project, and for his ongoing support in ensuring that our project process went smoothly, as well as helping us realize our potential.

We are grateful to our parents, teachers and friends for their unwavering love, perseverance, and keen interest in motivating us at all times with their encouraging words. Finally, we express our heartfelt gratitude to the Almighty for all of his efforts in ensuring that we execute the right project at the right time.

Ajith P  
Karpagamainthan M  
Naveen E