­­

****

YENEPOYA INSTITUTE OF ARTS, SCIENCE, COMMERCE &

MANAGEMENT, BALMATTA ROAD, MANGALORE-575002

V1 SEMESTER

BCA

**Project Proposal**

For

# PLACEMENT & SCHOLARSHIP PREDICTION SYSTEM

# NAME & REGNO:

# 

# PROJECT EXTERNAL GUIDE: COGNITIVE SOLUTION, MANGALORE

# PROJECT INTERNAL GUIDE:

1. **Project Proposal**

## Title of the project:

## 

## PLACEMENT & SCHOLARSHIP PREDICTION SYSTEM

## Introduction:

## “PLACEMENT & SCHOLARSHIP PREDICTION SYSTEM” is a recommendation system that predicts whether the current student will be placed or not.

## The system will also predict whether the student is eligible for scholarship based on the dataset. It will also predict the scholarship scheme that the student is eligible.

## Here we use different machine learning classification algorithms to independently predict the results and we then compare the efficiency of the algorithms, which is based on the dataset

## Objective of the project:

* The main objective of the system is to predict student eligibility for placement and scholarship.
* It will also help the teachers as well as placement cell in an institution to provide proper care towards the improvement of students in the duration of course.
* The results will also help to identify those students who need attention and guidance to increase their chances of placement.
* A high placement rate is a key entity in building the reputation of an educational institution. Hence such a system has a significant place in the educational system of any higher learning institution.
* It will also help to predict the government scheme under which the student is eligible for scholarship.

### Innovative idea behind the project:

* This project is mainly developed to help the institute to improvise the student performance and can come up with 100% results.
* It will also help to the institute to get details of government scheme under which the student is eligible for scholarship.

## Project Category:

Web-Based Application Using Machine Learning

## Languages to be used:

* + - * Front-end: HTML, CSS, JavaScript, Python
      * Back-end: MySQL, Python

## Hardware Interface:

* + - Processors: Intel Pentium dual-core or above
    - RAM: 2GB and above
    - Hard disk Utilization: 40GB and above
    - Input Devices: Mouse, Keyboard

### Software Interface:

* + - Browser: Google Chrome, Mozilla Firefox
    - Server: Apache
    - IDE: Anaconda

## Module description:

## 

## Admin:

* **Login**: Admin will enter the website using username and password.
* **Manage** Student: In this module, the admin can add, edit and view student details

## Placement Prediction Module:

### This module predicts whether the selected student is eligible for campus placement.

## Scholarship Prediction Module:

### This module predicts whether the selected student is eligible for scholarship.

### Limitations:

The accuracy of prediction is based on the dataset.

### Future Scope:

In future system can be converted it into a mobile application.