# UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

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| Team ID | PNT2022TMID33252 |
| Project Name | UNIVERSITY ADMIT ELIGIBILITY PREDICTOR |

OBJECTIVE:

- College admission predictor is a boon to many students. This helps the student not only to help in filling out the application forms but also give the students an idea about their future college by calculating their cut off.
- When students come from rural places, they find it hard to go along with the formal procedures. So, this application helps them a lot and eases out their fear.
- Whatever may be their scores, this application helps to find the best colleges . Hence, our proposed computer aided system will help the students to get the list of all colleges in which they could get the admission at the click of a button.
- The students only have to enter their marks of XII, AIEEE etc. With this application, the students can very easily obtain the list of colleges even branch wise and course wise. This will not only make the admission process easy but also minimizes stress for students. The main objective of our system is to make the right choice of colleges.

**End of this project:**

- You will be able to understand the problem to classify if it is a regression or a classification kind of problem.
- You will be able to know how to pre-process clean the data using different data pre-processing techniques.

Clean the dataset:

- The download data set is not suitable for training the machine learning model as it has so much of randomness so we need to

**Clean the dataset properly in order to fetch good results. This activity includes the following steps:**

- Import the libraries
- Read the dataset
- Analyze the dataset
- Drop unnecessary columns
- Change the column names
- Remove the randomness in the columns
- Find the missing values
- Handle the missing values
- Split the data into independent and dependent variables
- Split the data to train and test
- You will be able to analyse or get insights from data through visualization .
- Applying different algorithms according to the dataset.
- You will be able to build web application using Flask
- You will be able to know how to build a web application using the Flask framework.

**Application building:**

- In this section, we will be building a web application that is integrated to the model we built.
- A Ul is provided for the uses where he has to enter the values are given to the saved model and prediction is showcased on the Ul.
- This section has the following tasks .
- Building HTML pages

- Building server-side script
- To build this you should know the basics of “HTML, CSS, Bootstrap, flask framework and python”.Create a project folder should contain .
- A python file called app.py
- Model file (CKD.pkl).
- Templates folder which contains the index.HTML file.

Static folder which contains the CSS folder which contains. CSS files.