

**AMRITA VISHWA VIDYAPEETHAM
AMRITA SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

B.Tech (2017 – 2021 Batch) 2019-2020-Even semester

**15CSE387-Open Lab Python
III CSE E Batch (VI Semester)**

Online College Admission Management System

Group 1:

CB.EN.U4CSE17415 - Dhanush G A

CB.EN.U4CSE17430 - Kiran S Raj

CB.EN.U4CSE17453 - Sanjay Tharagesh R S

CB.EN.U4CSE17455 - Siddharth S

CB.EN.U4CSE17465 - T P V Krishna Teja

Project Screenshots

Home Page

Welcome to Aristotle

Your College Admission Portal

Simple.

Admin

User

Sign Up

[Login](#)

Admin SignUp

Username:

✉ Username here!

Password:

🔒 Password here

Submit

Login

[Sign up](#)

Admin Login

Username:

✉ Username here!

Password:

🔒 Password here

Submit

Admin - Dashboard

Administrator.|

Add College

Add Previous Year Cut - Offs

View Students

Create Cut - Off List

Register Students

View final Students List

Logout

Admin - Add College

Register Now!

College Name :

Enter College Name

University Code :

Enter University Code

Ranking :

Enter National Rank

Submit

Dashboard

Admin - Add Cut Offs

Register Previous Cut-Off Now!

College Name :

Amrita Vishwa Vidyapeetham ▼

Branch :

Enter Branch

Cut-Off :

Enter Cut-Off

Submit

[Dashboard](#)

Admin - View Students

View Students

Select Stream:

CSE ▼

Submit

[Dashboard](#)

Admin - Create Cut-off List

Enter Current Year's Cut-off Marks

Select College:

Select Branch:

Add Cut-Off Mark:

Submit

Dashboard

Admin - Register Students

Registration Process Completed!

Admin - View Final Students List

Final List of Qualified Students

Name of student	College	Branch
Phil Dunphy	Amrita Vishwa Vidyapeetham	ECE

Student - Dashboard

Student Dashboard

View College Details

Apply to College

View Current Cut-Off List

Selection Notification

Logout

Student - View College Details

View College Details

College Name:

Amrita Vishwa Vidyapeetham ▼

Submit

Dashboard

Student - Apply to College

Apply to our college

College Name:	<input type="text" value="Amrita Vishwa Vidyapeetham"/>
Branch of Preference:	<input type="text" value="CSE"/>
Name of the Student:	<input type="text" value="Name of the Student"/>
Marks Scored in PCM:	<input type="text" value="Marks Scored (PCM)"/>

Submit

Dashboard

Student - View Cut-off

View Current Cut-Offs Now!

College :	<input type="text" value="Amrita Vishwa Vidyapeetham"/>
Branch :	<input type="text" value="ECE"/>

Submit

Dashboard

Student - Selection Notification

Check your Reuslts!

Enter Your Name :

[Submit](#)

[Dashboard](#)

Student - Before cut-off list generated - Probability of selection

The cutoff isn't decided yet, but you have a probability of 0.5921706390499336 to get admission

Student - After cut-off list generated - Selection Result

Congratulations you're selected!

Naive Bayes Classification algorithm to predict the probability of a student getting admitted in a college.

1) Distribution and statistical results of the distribution

	GRE Score	TOEFL Score	SOP	LOR	CGPA	Research	Chance of Admit
count	400.000000	400.000000	400.000000	400.000000	400.000000	400.000000	400.000000
mean	316.807500	107.410000	3.400000	3.452500	8.598925	0.547500	0.724350
std	11.473646	6.069514	1.006869	0.898478	0.596317	0.498362	0.142609
min	290.000000	92.000000	1.000000	1.000000	6.800000	0.000000	0.340000
25%	308.000000	103.000000	2.500000	3.000000	8.170000	0.000000	0.640000
50%	317.000000	107.000000	3.500000	3.500000	8.610000	1.000000	0.730000
75%	325.000000	112.000000	4.000000	4.000000	9.062500	1.000000	0.830000
max	340.000000	120.000000	5.000000	5.000000	9.920000	1.000000	0.970000

2) Visualization of distribution of various input features



