

# **MINI PROJECT REPORT**

**on**

## **CAREER GUIDANCE**

**Submitted in partial fulfilment for the completion of**

**the course**

**Mini Project I in**

**III Semester of B.E.**

**INFORMATION TECHNOLOGY**

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**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**  
(Affiliated to Osmania University; Accredited by NBA(AICTE) and NAAC(UGC), ISO Certified 9001:2015)  
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**2019-2020**

# **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

## **DEPARTMENT OF INFORMATION TECHNOLOGY**

**(Affiliated to Osmania University)**

**GANDIPET, HYDERABAD – 500 075**



### **CERTIFICATE**

This is to certify that the project work entitled “**CAREER GUIDANCE** ” submitted to **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**, in partial fulfilment of the requirements for the completion of III semester of B.E. in Information Technology, during the academic year 2019-2020, is a record of original work done by **SLS HARSHITHA (160118737008)**, **SATHVIKA PATWARI (160118737016)** during the period of study in Department of IT, CBIT, HYDERABAD, under my supervision and guidance.

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## **ABSTRACT**

This project is aimed at developing an online application which enables students to search information about the engineering and medical colleges. Students get a detailed information about colleges and courses. They can select their interested category and branch. The only thing they need to do is fill the details. This application can be accessed by everyone with no payment at any time. This application can be accessed if you have an internet connection.

In the existing Career Guidance System, Parents prefer to visit the colleges to know whether their children can take the admission. They travel all the way to the college to know the details of the college and whether his/her child can pursue in this college or not. It is very hard to go to all the colleges. It is a tedious and hectic method as one should go all the way to the college and stand in queues just to know whether their child can take an admission or not. But in the proposed Career Guidance, an easy and accurate way is provided to search for suitable colleges. Students can get all the details of colleges and the courses in a single click. They should just open the application and give the required details such as name and email-id. He/She can get to know about the suitable colleges by comparing their ranks with the list given in the website.

Career guidance is a web application. This web application has been developed using JavaScript, CSS and HTML.

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## **1.INTRODUCTION**

This project is aimed at guiding the students who has attended the TSEAMCET exam ,to know the courses which can be persuade by them. It is a web application which can be accessed by any person who has an Internet connection. The website provides a clear information of the courses and also the last ranks of each college. It also provides information about all the colleges.

### **1.1 MOTIVATION**

The idea of this mini project CAREER GUIDANCE was from our own experience where it was very difficult for us to know all the courses involved in engineering and medicine. It was also hard for us to know the difference between the branches. We have provided a clear information of what every course deals with. Our project would be very helpful for students who had attempted tseamcet examination.

### **1.2 BASIC DEFINITIONS**

HTML (Hyper Text Markup Language) – It is the standard markup language for documents designed to be displayed in a web browser.

CSS (Cascading Style Sheets) – It is a style sheet language used for describing the presentation of a document written in a markup language like HTML.

JavaScript – It is a high-level, interpreted scripting language that conforms to the ECMAScript specification. JavaScript has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

ECMAScript – It is a Standard for scripting languages such as JavaScript, Jscript, etc.

WWW (World Wide Web) – It is combination of all resources and users on the Internet that are using the Hypertext Transfer Protocol (HTTP).

http (Hypertext Transfer Protocol) – It is an application protocol for distributed, collaborative, hypermedia information systems.

GUI (Graphical User Interface) – It is a form of user interface that allows users to interact with electronic devices through graphical icons and visual indicators such as secondary notation, instead of text-based user interfaces, typed command labels or text navigation.

URL (Uniform Resource Locator) – It is defined as the global address of documents and other resources on the World Wide Web.

### **1.3 PROBLEM STATEMENT**

Through this project we present an easy way for the students who have attempted tseamcet examination to know the colleges in which they can peruse.

The scope of this project is to provide an easy option to the students to know about all the courses which are available for their stream and to know the colleges available for their rank. It saves their time and also gives an clear information. One does not need to go to the colleges to know all the details. It can be done effortlessly in an uncomplicated manner. All the details can be known just in a single click. One can compare all the colleges in this application itself which contains all the details of every college that can be joined through eamcet exam. This application can be accessed by any person who has internet connection at any time of day or night. There will be no payment requirements to use this application.

### **2. EXISTING SYSTEM**

In the existing Career Guidance System, Parents prefer to visit the colleges to know whether their children can take the admission. They travel all the way to the college to know the details of the college and whether his/her child can persue in this college or not. It is very hard to go to all the colleges. It is a tedious and hectic method as one should go all the way to the college and stand in queues just to know whether their child can take an admission or not.



### **3. PROPOSED SYSTEM**

In the proposed Career Guidance System, an easy and accurate way is provided to search for suitable colleges. Students can get all the details of colleges and the courses in a single click. They should just open the application and give the required details such as name and email-id. He/She can get to know about the suitable colleges by comparing their ranks with the list given in the website.

#### **3.1 METHODOLOGY**

This project consists of the following modules:

**Admin:** The admin has full access to the application. The admin can view all the details, manage the application such as add, edit and delete.

**User:** The user is the one who uses the application. The user should enter the details to login the application. Then can know the information regarding the course and colleges available for their rank.

### 3.2 ARCHITECHTURE OF PROPOSED SYSTEM

**The user need to follow the following steps:**

- ❖ In the Main page, Click on login box.
- ❖ As soon as you click on the login button, a login form appears in which you need to fill your details and click on submit.
- ❖ Then you need to click on required stream (Engineering , Medicine).
- ❖ As you select your stream you will get all the details of courses involved in that stream.
- ❖ To check your rank, click on know your colleges.
- ❖ For more details about all the colleges through tseamcet, click on more info.

***LOGIN***

***ENTER DETAILS***

***SELECT YOUR REQUIRED STREAM***

***SEARCH COLLEGES FOR YOUR RANK***

**Fig:3.1.1**

## **4. SOFTWARE AND HARDWARE REQUIREMENTS**

- Operating System: Windows XP, MAC
- Programming Languages: HTML, CSS, JavaScript
- Other Applications: Notepad / Sublime text
- Processor: Intel Core I i5-4300 CPU @ 1.90GHz 2.49 GHz
- RAM: 4 GB or more
- Disk Space: 10 GB or more

## **5. IMPLEMENTATION OF PROJECT**

In this project, there are different stages – planning, design, coding and testing. The objective is to completely finish each logical step in the development process before moving onto the next. Modifications can be made if necessary.

### **5.1 RESULTS**

With the successful implementation of all the different stages of the project, we have developed an enhanced, automated, accurate, user-friendly Career Guidance web application for the students to check the details easily and comfortably.

## 5.2 SCREEN SHOTS



Fig:5.2.1

The screenshot shows a web browser window displaying a 'Login Form'. The browser's address bar shows the URL 'http://192.168.1.100/project/login.html'. The form is titled 'Login Form' and contains the following fields and elements:

- First Name:** A text input field containing the value 'sringerapu'.
- Last Name:** A text input field containing the value 'hershitha'.
- Email Address:** A text input field containing the value 'shershitha@gmail.com'.
- GENDER:** Radio buttons for 'MALE', 'FEMALE', and 'OTHER'.
- Login Button:** A green button with the text 'LOGIN'.
- Remember me:** A checkbox.
- Cancel Button:** A red button with the text 'Cancel'.

The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date '25-10-2019' and time '23:20'.

Fig:5.2.2



Fig:5.2.3

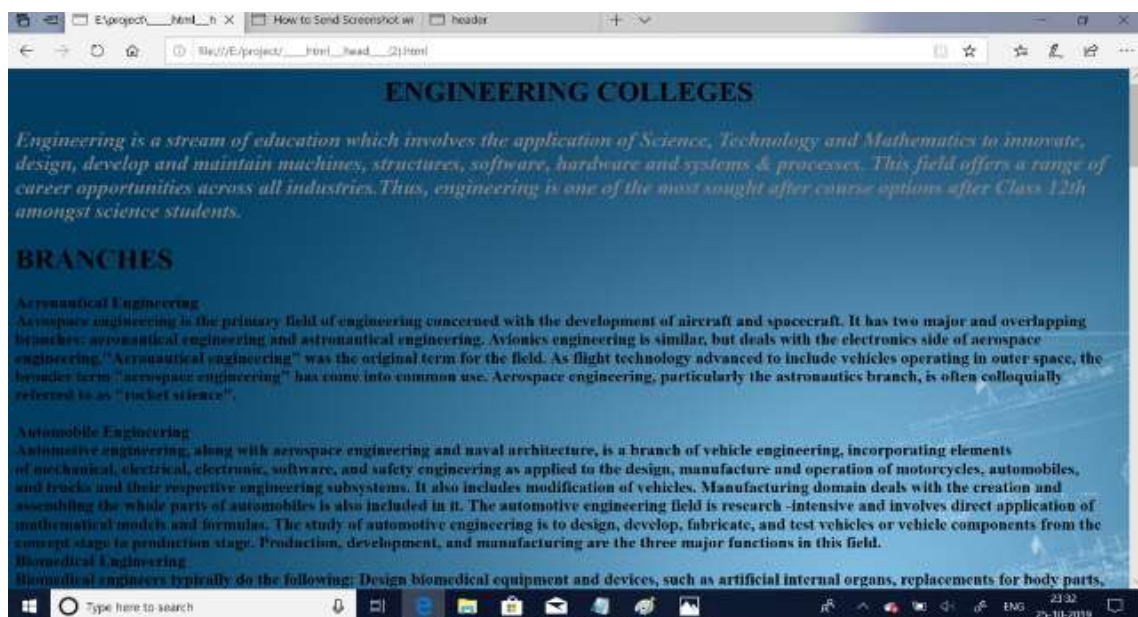


Fig:5.2.4

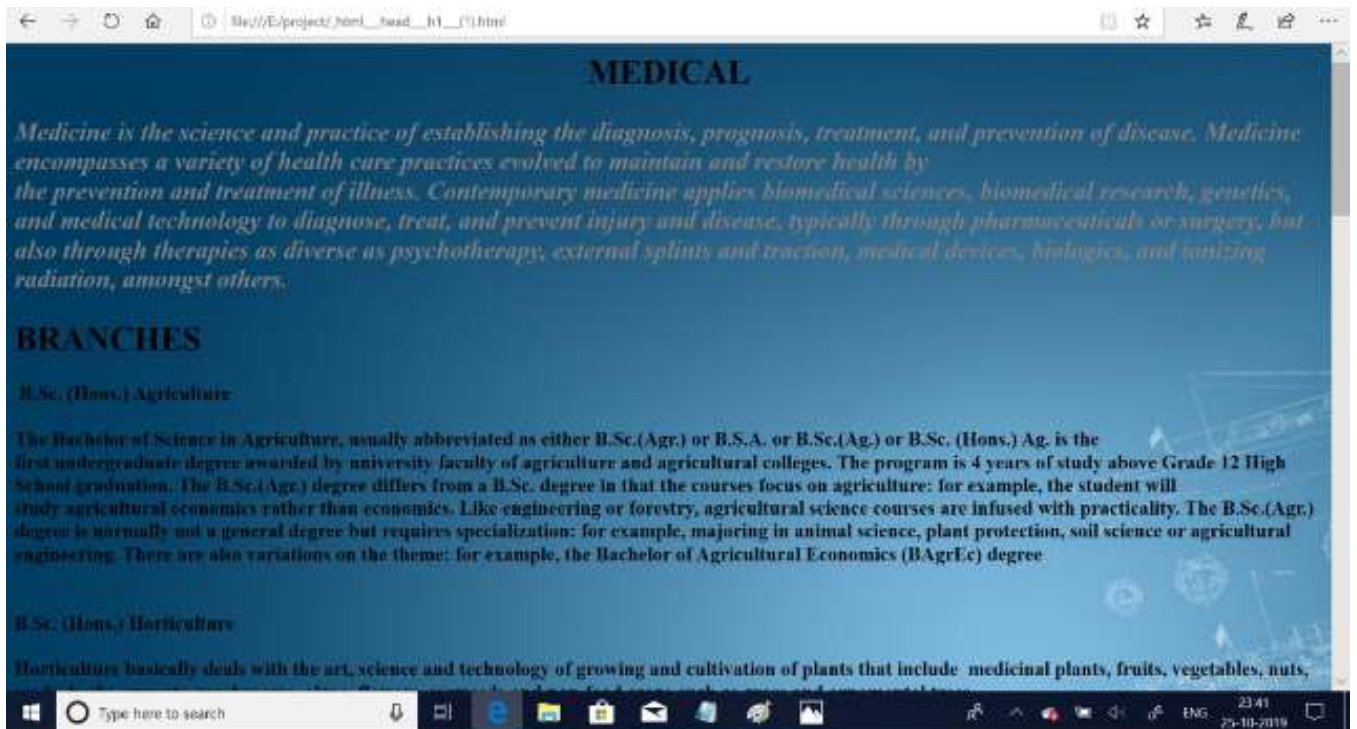


Fig:5.2.5

Eamcet Cutoffs Ranks 2013 - Rangareddy District														
NAME OF THE COLLEGE	2013		2014		2015		2016		2017		2018		2019	
	OPEN	RESERVE	OPEN	RESERVE	OPEN	RESERVE	OPEN	RESERVE	OPEN	RESERVE	OPEN	RESERVE	OPEN	RESERVE
Amrita Inst Of Technology And Science			174937	203886	189382	189382	203044	203044						
A.C.E Engineering College	38615	42004	43401	43401	34343	35170	30128	34800	96261	96261	40714	102526		
Aditya Hr Tech College Of Engineering	144845	101819	200425	200425	136434	136434	158805	158805			118812	141288		
Aditya Institute Of Technology And Sci	104149	104149	101579	101579	141074	141074	118173	104501				171083	171083	
Aditya Institute Of Technology			102158	102158	140901	140901	204880							
Amrita Institute Of Technology	104613	104613	204621	204621	150045	150045								
Aditya College Of Engineering			104962	104962	105056	105056	204637	204637						
Amrita College Of Technology And Science	203515	203515	104609	104609	171349	171349	203009	203009			148897	203517		
Aditya Institute Of Technology And Science	174817	194754	105745	105745	104084	104084	204528	204528			104084	104084		
Aditya Institute Of Technology	100793	100793	107159	107159	104018	104018	104018	104018			177997	177997		
Aditya Technological Research Institute	11367	11367	107327	107327	107327	107327	107327	107327			107327	107327		
Aditya Institute Of Engineering And Technology	113054	113054	107327	107327	107327	107327	107327	107327			107327	107327		
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Aditya Institute Of Engineering And Technology	113054	113054	107327	107327	107327	107327	107327	107327			107327	107327		





Fig5.5.7

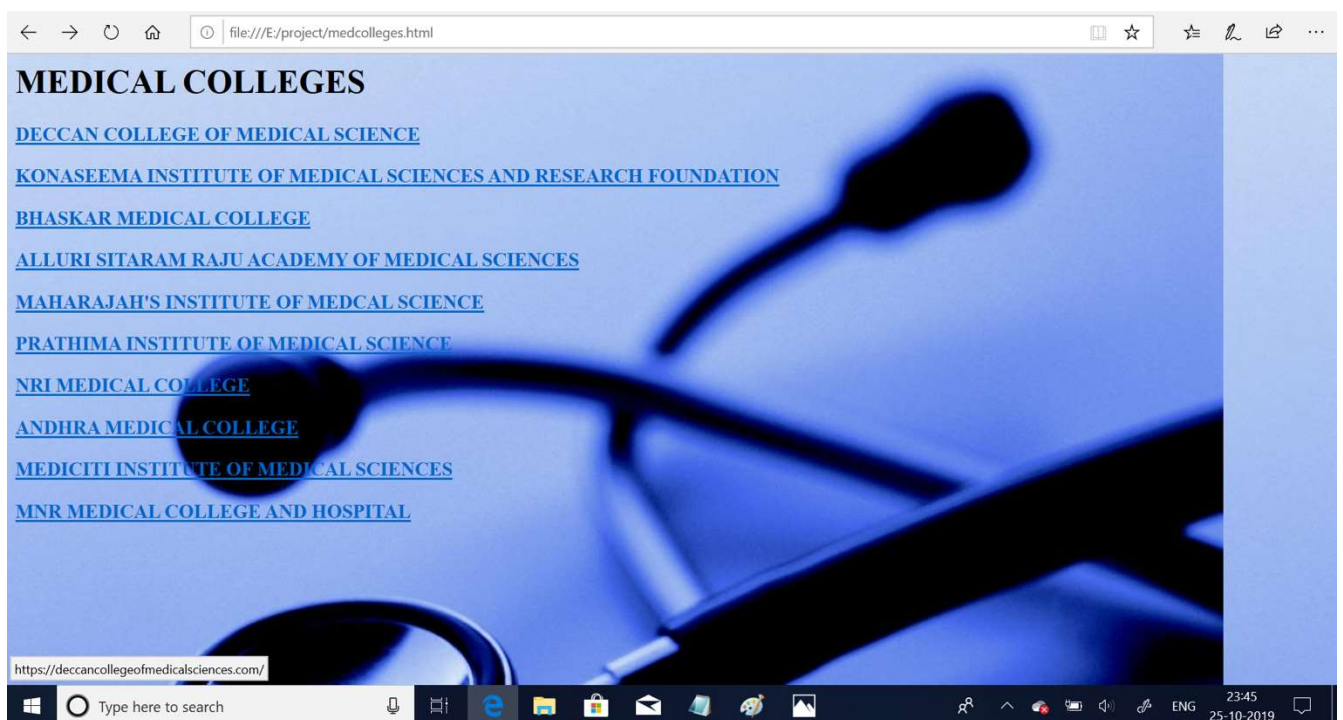


Fig:5.5.8

2.bp.blogspot.com/-lu\_7pF-hk08/V0A\_WLarp4I/AAAAAAAAAC60/4lpUVaW7yV4wfpEFvHuFWluuabBCE9YigCK4B/s1600/TS%2B-%2BMBBS%2BL4

**Telangana - MBBS/BDS 2015 - Last Ranks**

TS 2015 Last Ranks		MBBS		BDS	
Local	Cat	GEN	FEM	GEN	FEM
AU	OC	1345	1345	3378	4178
	SC				
	ST	7223	8213	11019	11019
	BCA	3608	4187	8600	8600
	BCB	2042	2042	6943	6943
	BCC	3370	3370		
	BCD	1638	1652	3589	3589
	BCE	4323	4323	6741	6741
OU	OC	1685	1685	7025	8693
	SC	9214	9271	13671	13671
	ST	7194	7194	10931	10610
	BCA	7571	7775	12231	12590
	BCB	2816	2816	6577	6577
	BCC	5236	5236	11346	11346
	BCD	2937	3001	6839	6847
	BCE	3578	4510	6433	6433
SVU	OC	1311	1258	3968	3968
	SC	7863	7980	11856	11856
	ST			10249	10249
	BCA	4215	4215	5768	8615
	BCB	2206	2206	5558	5558
	BCC				
	BCD	127	127	3515	3515
	BCE	1259	1259	5815	5815

Type here to search

23:59 25-10-2019

**Fig 5.2.9**

## 6.CONCLUSION & FUTURE-SCOPE

This web application can be very helpful for every person who took their tseamcet exam. Getting all the details of all the courses and colleges in a single click is way better than searching each college manually. With this platform we developed, we are hoping to reduce time wastage, avoid misunderstandings, provide easy data flow, customer pleasure, and less hard work. We believe that we have accomplished our goals and are satisfied with the website we developed.

There is always scope for improvement and that is the case with our project as well. In the future we would like to add more features to our website such as – adding a login page, improving the home page and booking page and adding more attractive styles to make the overall website appealing to the users.



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