



Project placement cell

Computer Applications (Uttaranchal University)



Scan to open on Studocu

PROJECT SYNOPSIS

On

“TRAINING AND PLACEMENT CELL”

**Submitted in the partial Fulfillment for the award of degree of
Bachelor of Computer Application**



UTTARANCHAL
UNIVERSITY

(BATCH: 2021-24)

Under The Supervision of

Ms. Vijaylakshmi Sajwan
(Assistant Professor)
Dept. of Computing Sciences
USCS, Uttaranchal University

Submitted By

Ashish Kumar
BCA(6th)Sem
Enrollment No:

ACKNOWLEDGEMENT

The most awaited moment of any endeavor is successful completion, but nothing can be done successfully if done alone. Success is the outcome of contribution and consistent help of various persons and we thank those ones who helped us in successful completion of this project.

Primarily I would like to thank **Dr. Sonal Sharma** Dean USCS for providing a healthy and encouraging environment to study.

I profusely thankful to the department of computing Sciences, and **Dr. Monisha Awasthi, Program Coordinator** and my Project Mentor **Ms. Vijaylakshmi Sajwan**, Assistant Professor. She has been generous enough to provide me an opportunity and accepting my candidature for the most valuable guidance and affordable treatment given to us at every stage to boost my morale.

Ashish Kumar

Enrollment No:6666666999

DECLARATION

I hereby declare that the project synopsis entitled **Training and Placement Cell** submitted by Ashish Kumar to Uttarakhand School of Computing Sciences. The project was done under the guidance of **Ms. Vijaylakshmi Sajwan**. I further declare that the work reported in this project has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this university or any other university or institute.

Ashish Kumar

BCA-3rd sem

Enrollment No:

CERTIFICATE OF ORIGINALITY

This is to certify that Ashish Kuma student of BCA (3rd)Semester, of **Uttaranchal School of Computing Sciences, Dehradun**, has completed the Project "**Training and Placement Cell**" in HTML, PHP for the Batch (2021-2024).

Under the Guidance of
Ms. Vijaylakshmi Sajwan
Dept. of Computing Sciences
USCS, Uttaranchal University

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1. INTRODUCTION

In today's world everyone is travelling for jobs after Completion of their graduation. It has become need for every student, but for that they need to travel worldwide in searching of jobs.

Placement cell is responsible for providing placement to students of different courses into various companies within the industry.

The project titled "Training and Placement cell" provides the option to students to view all the details of the companies visiting the college campus and even the details of the companies conducting pool campus outside the college campus. Many times students are not aware of the companies' recruitment and hence they miss the opportunity to sit in the placement drive and end up without campus recruitment. The website for the Placement cell will provide all the details regarding the recruitment drive at a single platform and it will also notify the students regarding any new recruitment drive. It will also provide eligibility criteria, company profile, job profile, CTC& job location to the candidates.

In our proposed you will save time as well as money as its web based. We can collect information of all college students and fetch them according to criteria given by company.^[3]

2. OBJECTIVE

Our website is user-friendly. Through this project, we present a comprehensive solution for providing a better platform to get placed in their dream company.

Therefore, the main purpose is to develop a website for providing a platform for online placement planning for different companies.

- To prepare students ready for industry employment.
- Specify a privilege to allow each person to use this system.
- To provide Training and Employment opportunities for students.
- To save time as well as money by developing a web application.
- To provide students information regarding job opportunity.

3. SYSTEM ANALYSIS

Problem Identification:

In existing system, For the purpose of training and placement of the student in colleges, TNP's have to collect the information and CVs of students and manages them manually and arranges them according to various streams, if any modification is required that is to be also done manually. So, to reduce the job required to manage CVs and the information of various recruiters, a new system is proposed which is processed online.

Proposed Solution:

This project is aimed at developing an online system for the Training and Placement Dept. of the college. The system is an online system that can be accessed throughout the organization and outside as well with proper login provided. This system can be used as an application for the TNP of the college to manage the student information with regards to placement.

3.1 Feasibility Study

3.1.1 Technical Feasibility

Technical feasibility includes whether the technology is available in the market for development and its availability. The assessment of technical feasibility must be based on an outline design of system requirements in terms of input, output, files, programs and procedures. This can be qualified in terms of volumes of data, trends, frequency of updating, cycles of activity etc., in order to give an introduction of technical system. Considering our project, it is technical feasible. Training and Placement System, with its emphasis on a more strategic decision-making process is fast gaining ground as a popular outsourced function.^[3]

3.1.2 Economical Feasibility

This feasibility study present tangible and intangible benefits from the project by comparing the development and operational cost.^[3] The technique of cost benefit analysis is often used as

a basis for assessing economic feasibility. This system needs some more initial investment than the existing system, but it can be justifiable that it will improve quality of service.

3.1.3 Operational Feasibility

It is a simple a web based system whose data is stored in database without being platform dependent. It has no low maintenance cost since it can be maintained remotely. The new proposed system is very much useful to the users and therefore it will accept broad audience.

4. Project Planning and Scheduling

4.1 Gantt Chart

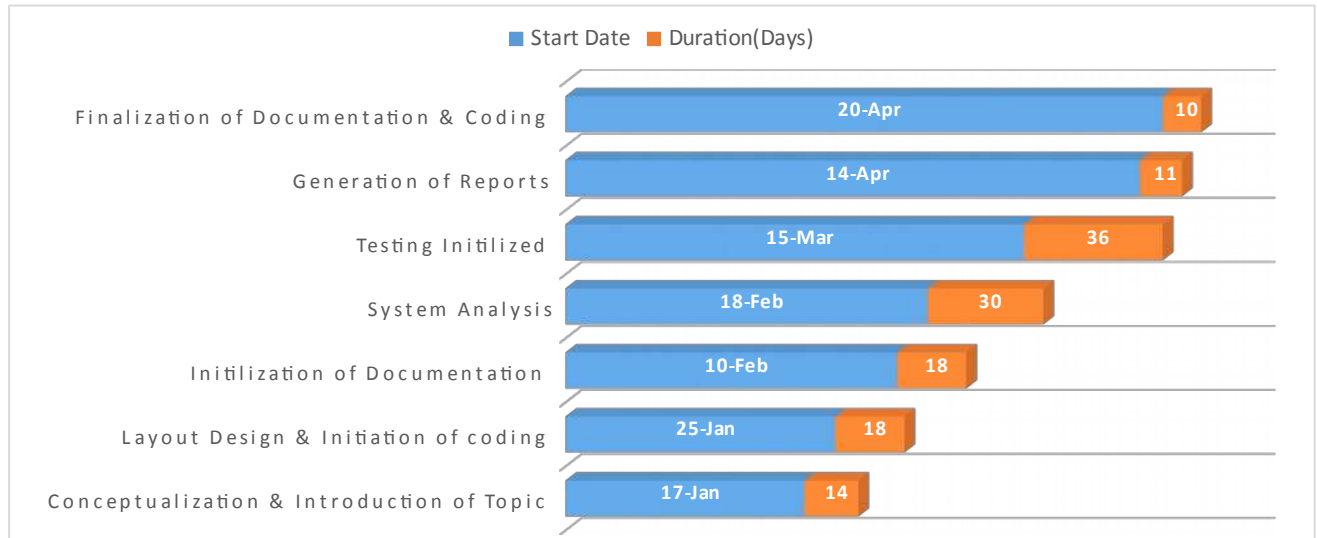
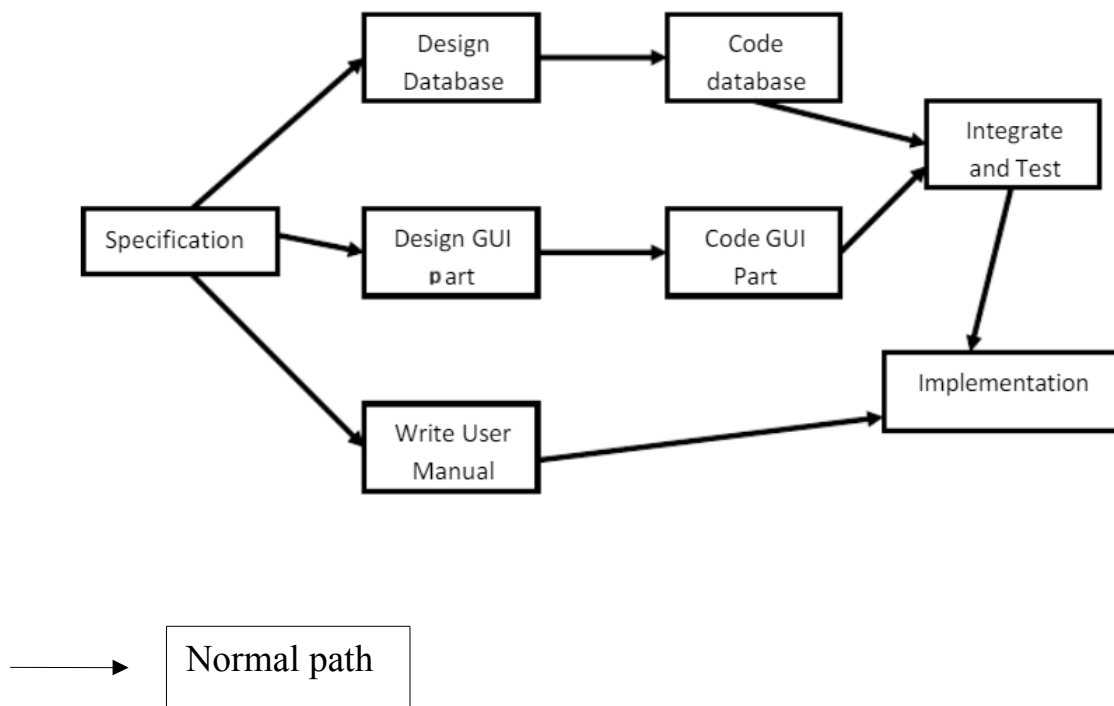


Fig-4.1.1

4.2 PERT Chart



4.3 Software Requirements Specification (SRS)

Introduction

The following subsections of the SRS document provide an overview of the entire SRS [1].

Purpose

The purpose of our project is to provide the facility to the users as well as administrative staff. This application will help in managing tasks automatically.

Scope

The application will be used by administrative staff and users. Admin can easily insert, delete and update the events from the website.

Benefits

This application reduces the complexity, increase efficiency, increases accessibility and Saving time.

4.3.1 Functional Requirement

For this project we need the following functional requirement to be fulfilled: Login form that will allow the authorized user (admin, members) to access the website. Enter yourself for the upcoming companies that will allow the user to sit for that company placement drive.

4.3.2 Non-Functional Requirement

The websites need to be user-friendly and easy to access so that the end user (users and admin staff) can easily use this website. The websites need to be secure by implementing login using user ID and Password. Sessions need to be implemented properly so that anyone cannot access the WebPages directly using URL without login. The website needs to be portable so that it can be run on any system and browser.

4.4 Tools/platform Used

MINIMUM HARDWARE REQUIRED:

Laptops/desktops

RAM: 512 MB RAM or above

Processor: Intel core2 duo or above

Processor Speed:1.0GHZ or above

Hard Disk:50 GB hard disk or above

SOFTWARE CONFIGURATIONS:

CLIENT:-

Forum design: HTML(version 4.01)

Look design: CSS(version 2.0), Bootstrap

Java Script

SERVER:-

Coding: PHP(version 5.2.6), using notepad++

Database: MySQL(Client version 5.0.51a)

HARDWARE BEING USED:

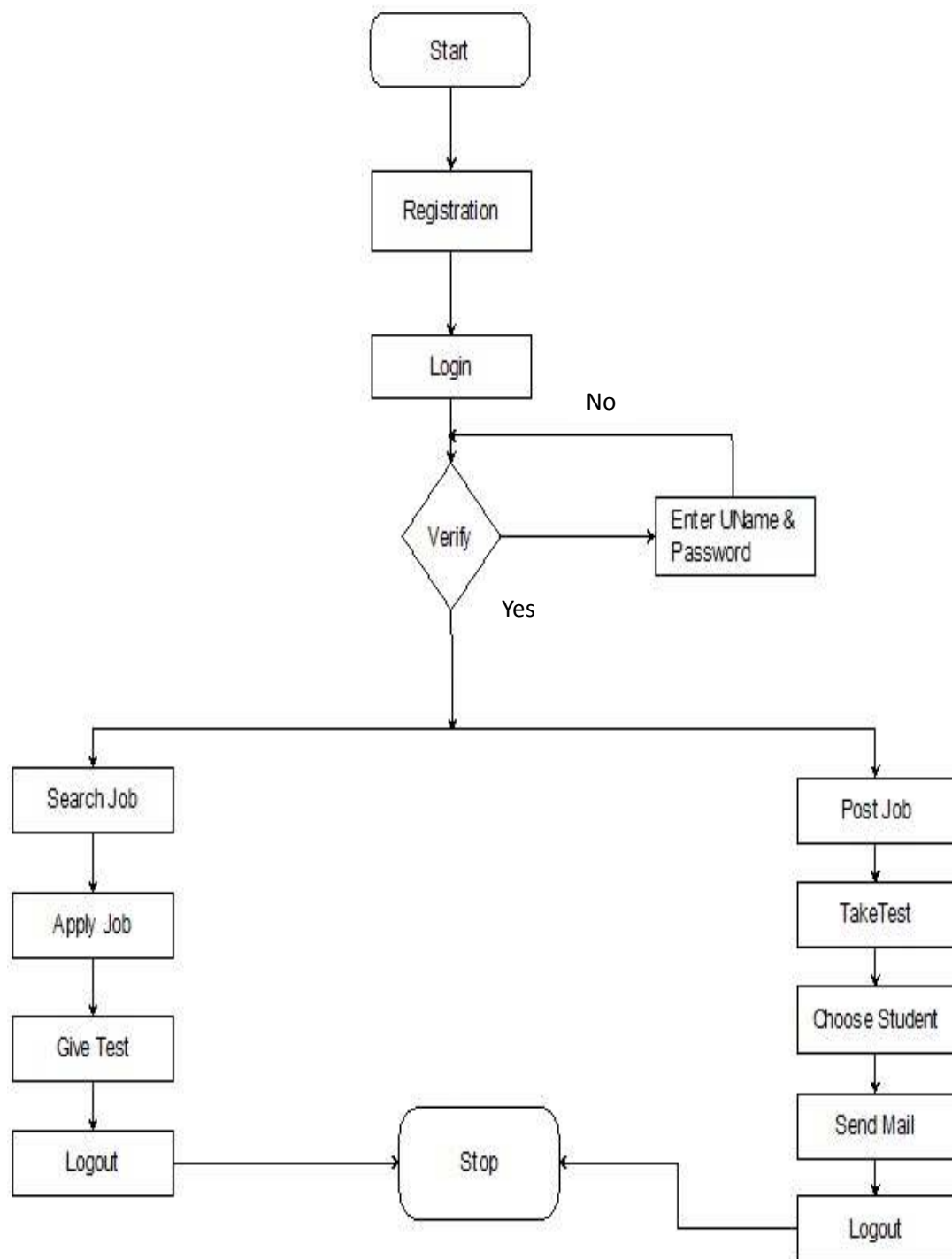
RAM: 8 GB RAM

Processor: Intel Pentium

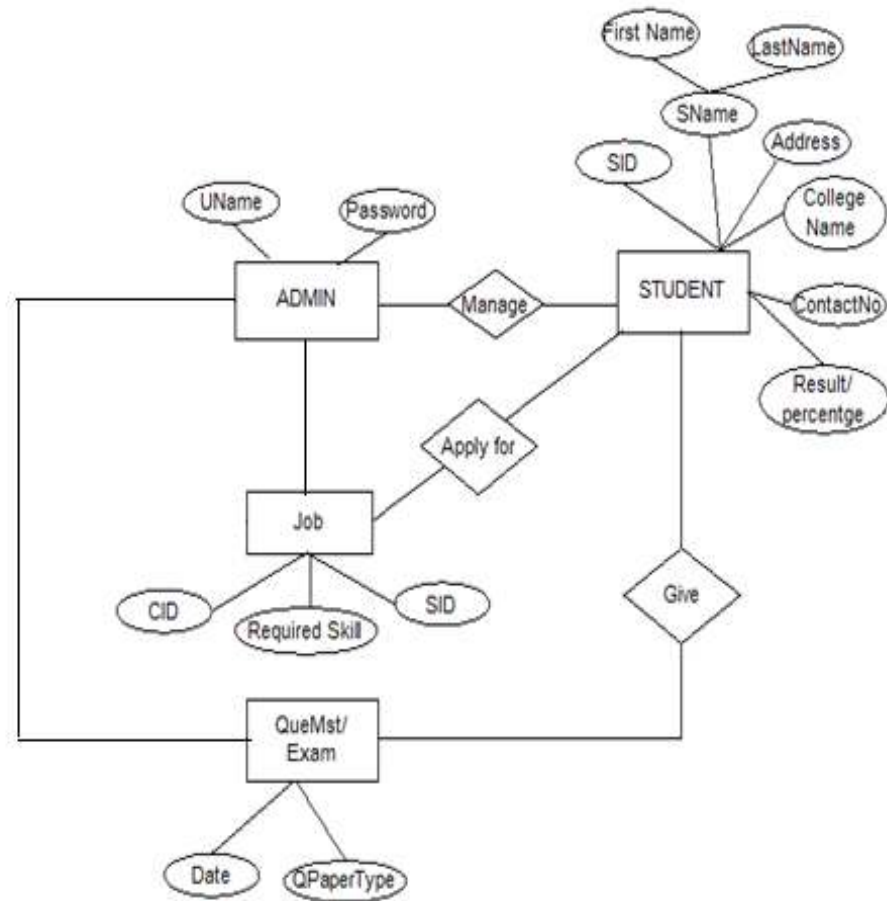
Processor Speed:2.0GHZ

Hard Disk:2 TB hard disk

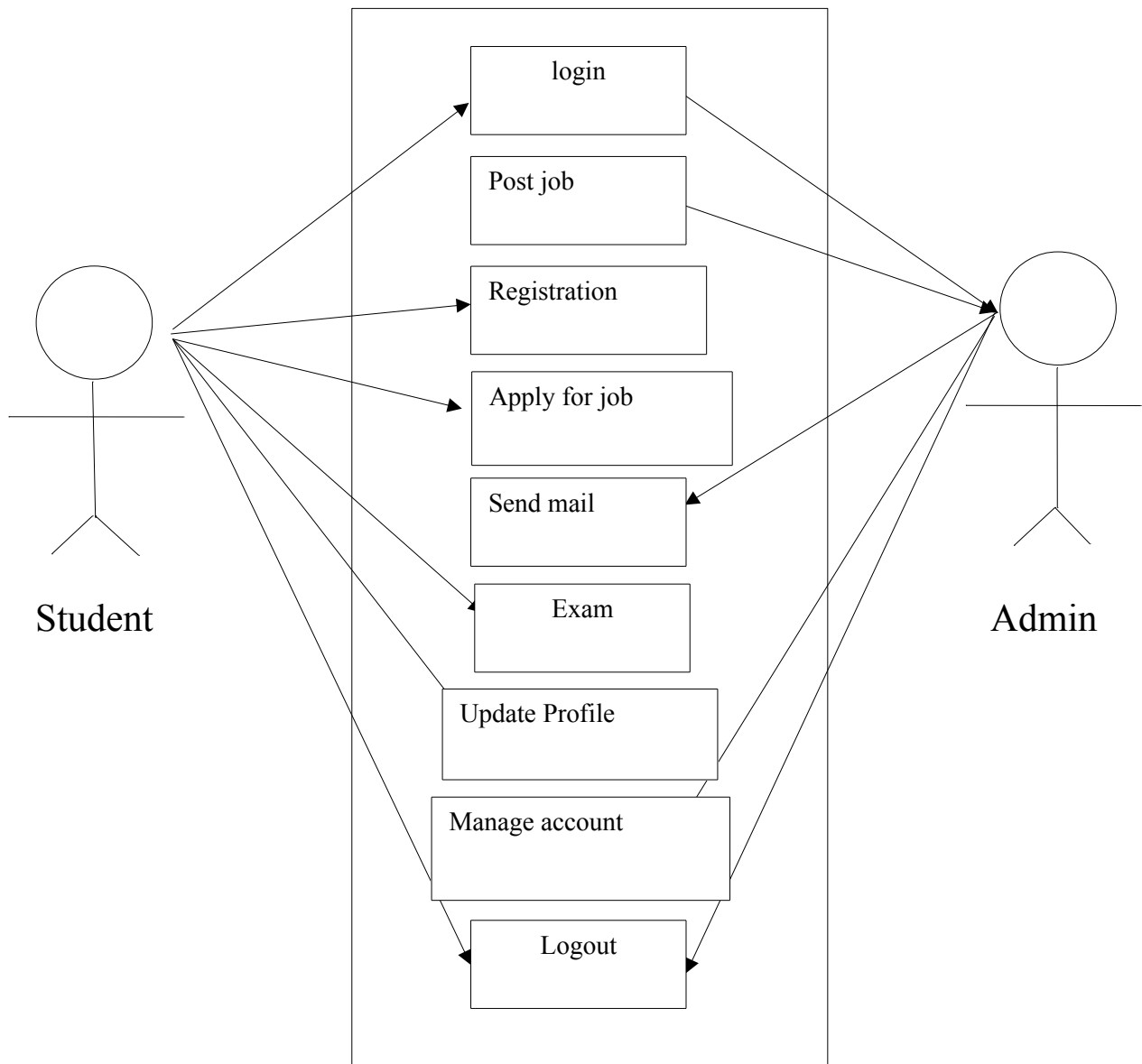
4.5Flow chart



4.6ER Diagram^[2]



4.7 Use Case Diagram^[2]



5.SYSTEM DESIGN

USER INTERFACE:

WELCOME PAGE



Fig-5.1

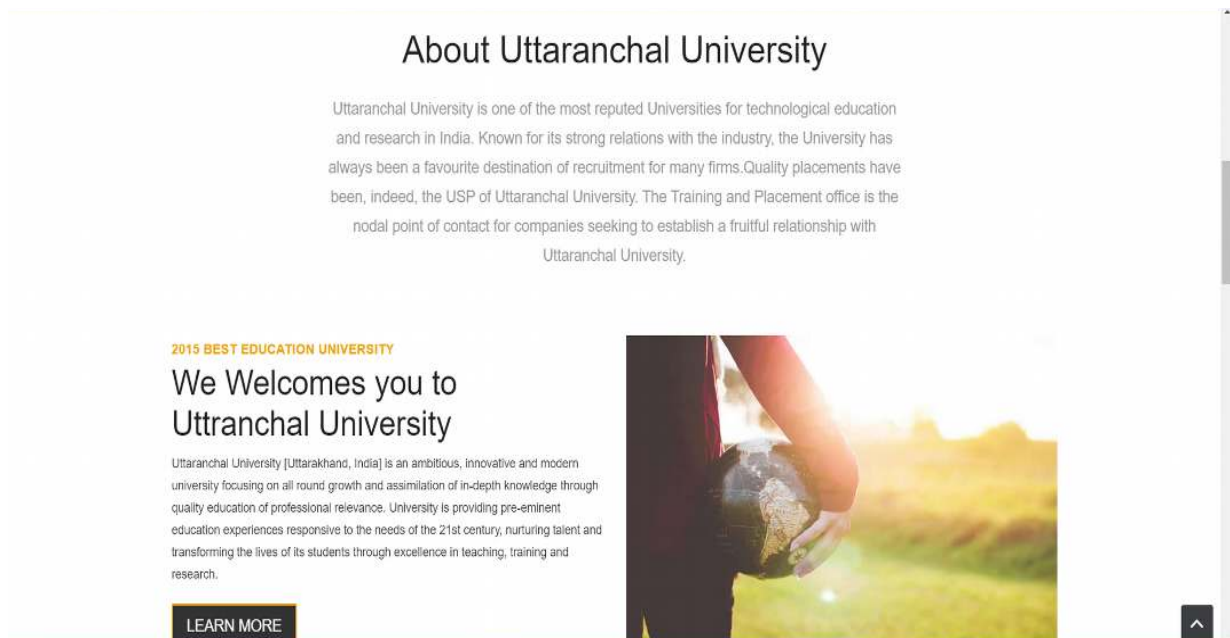


Fig-5.2



Fig-5.3

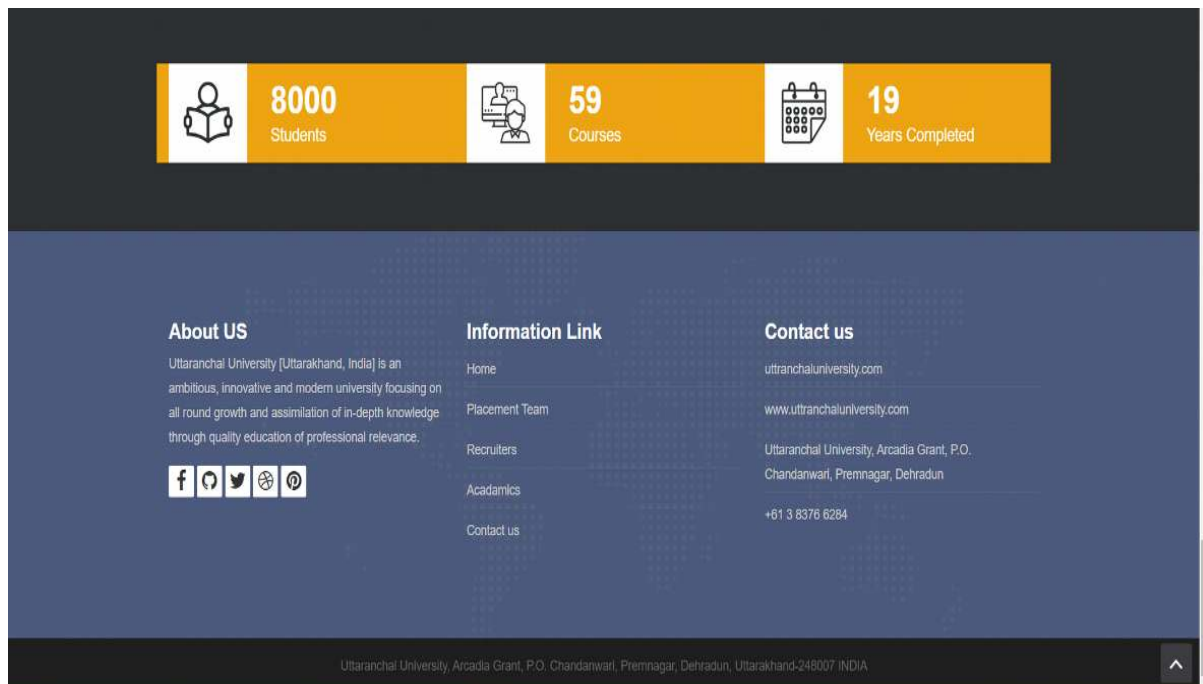


Fig-5.4

OUR PLACEMENT TEAM PAGE: -

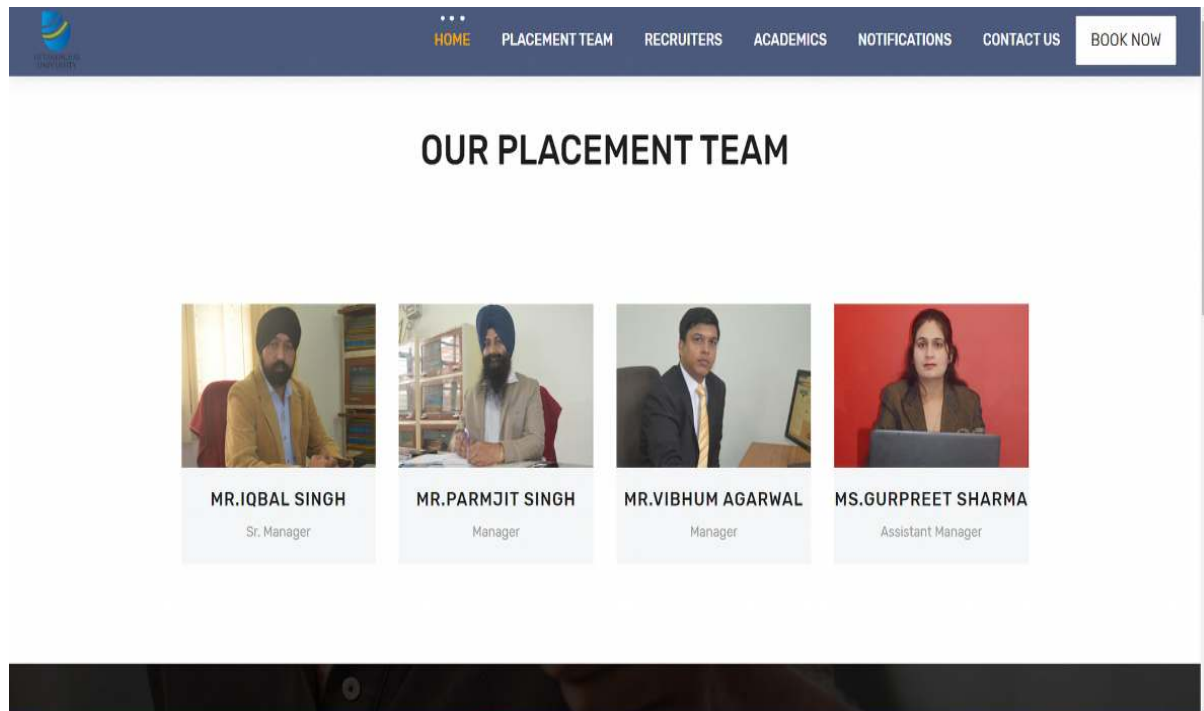


Fig-5.5

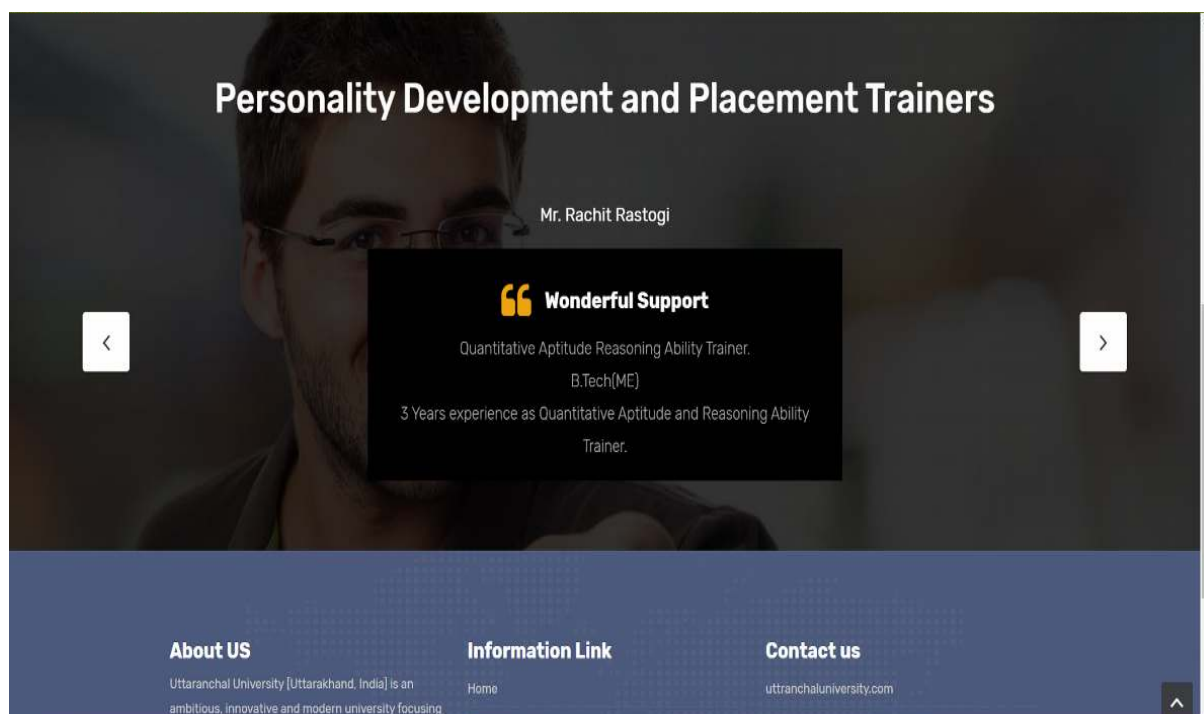


Fig-5.6

OUR RECRUITERS PAGE:-

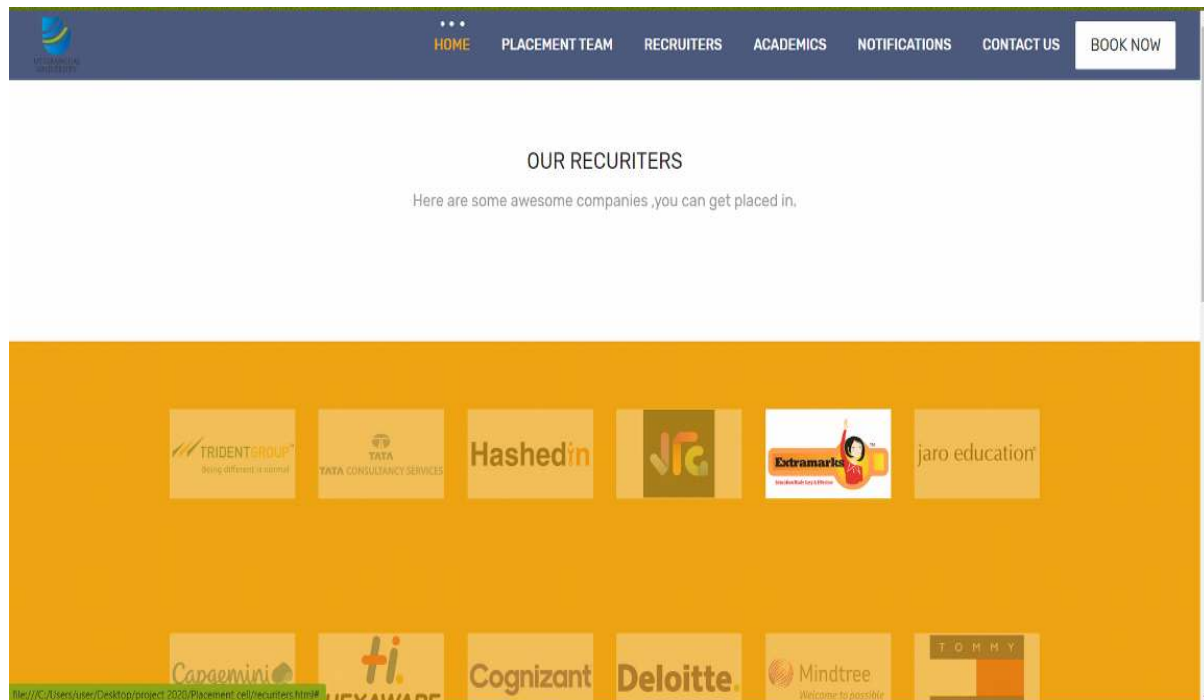


Fig-5.7

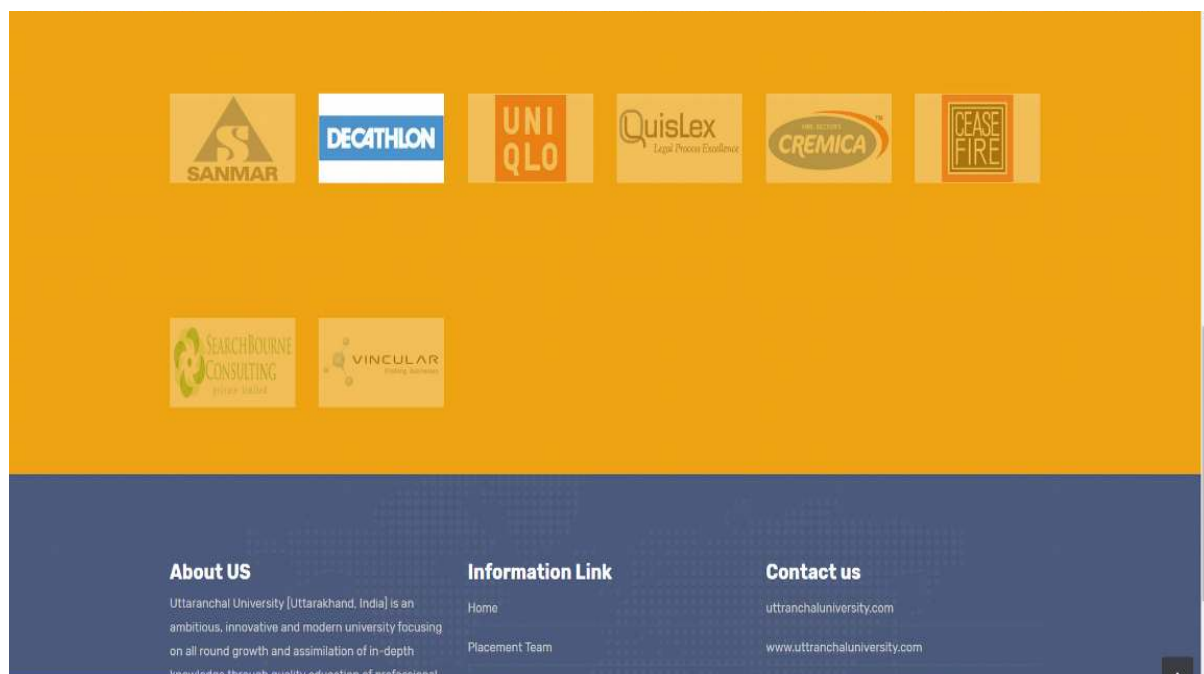


Fig-5.8

OUR ACADAMICS PAGE:-

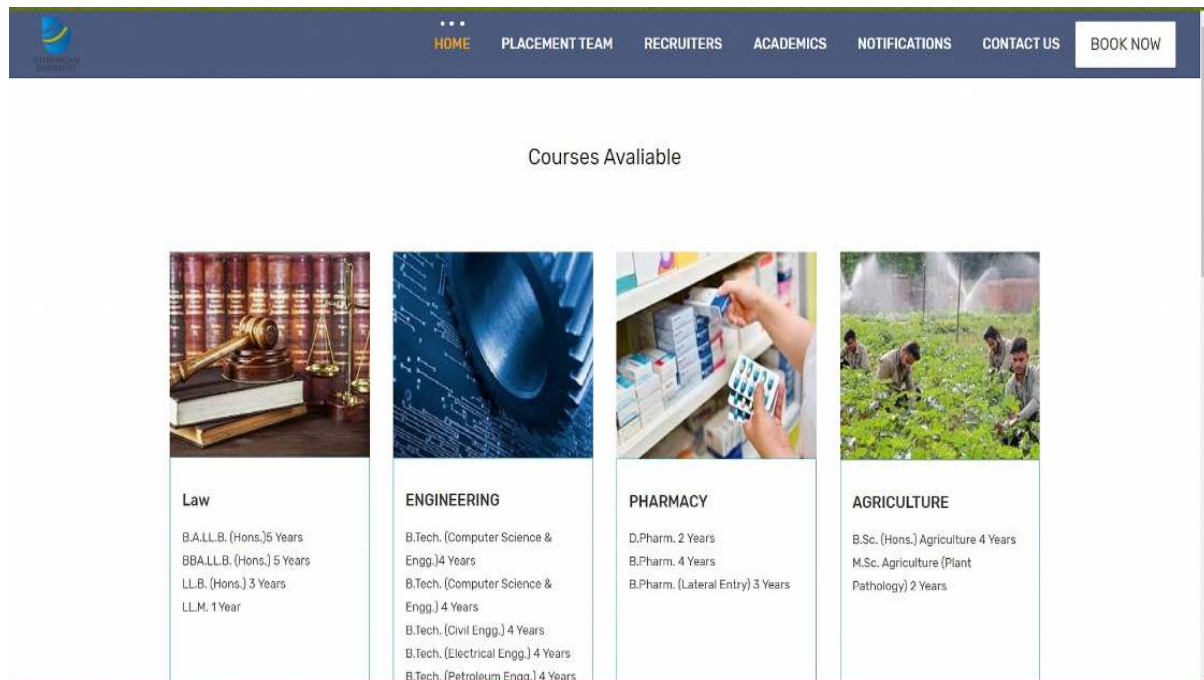


Fig-5.9

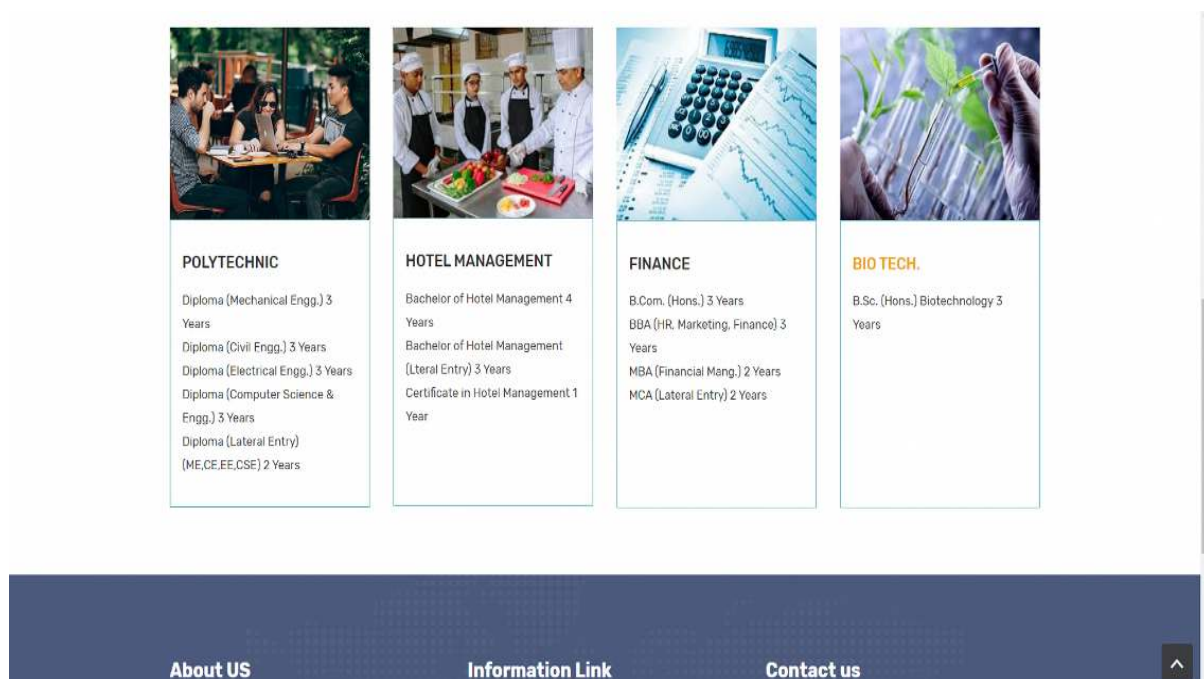


Fig-5.10

OUR NOTIFICATION PAGE:-

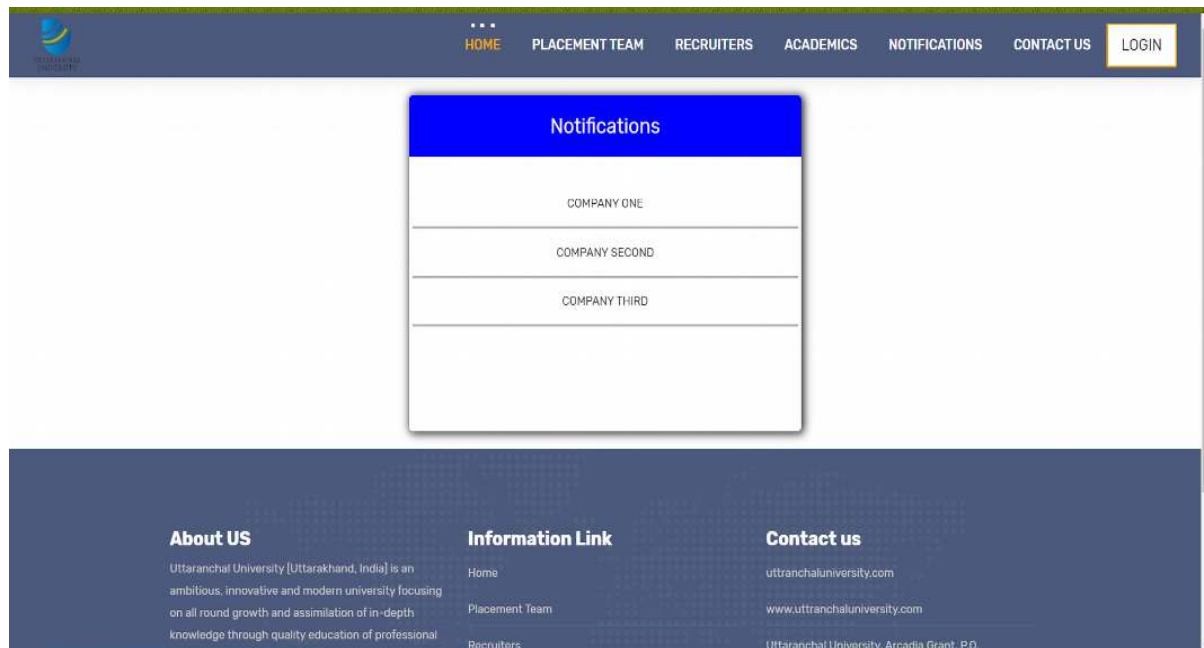


Fig-5.11

OUR CONTACT PAGE:-

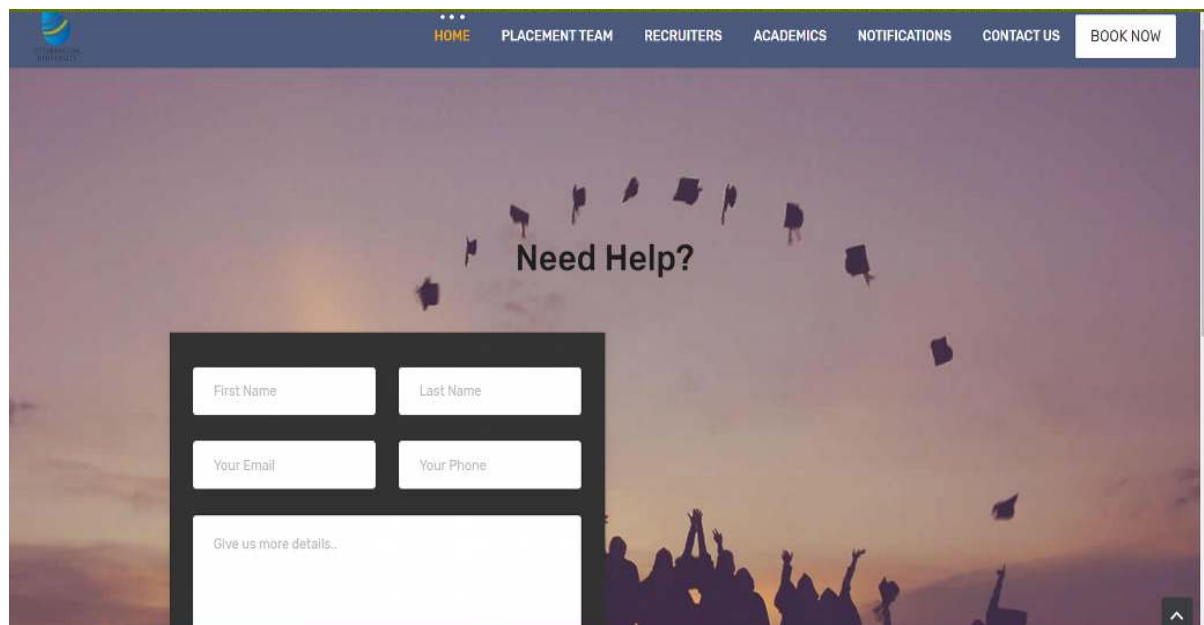
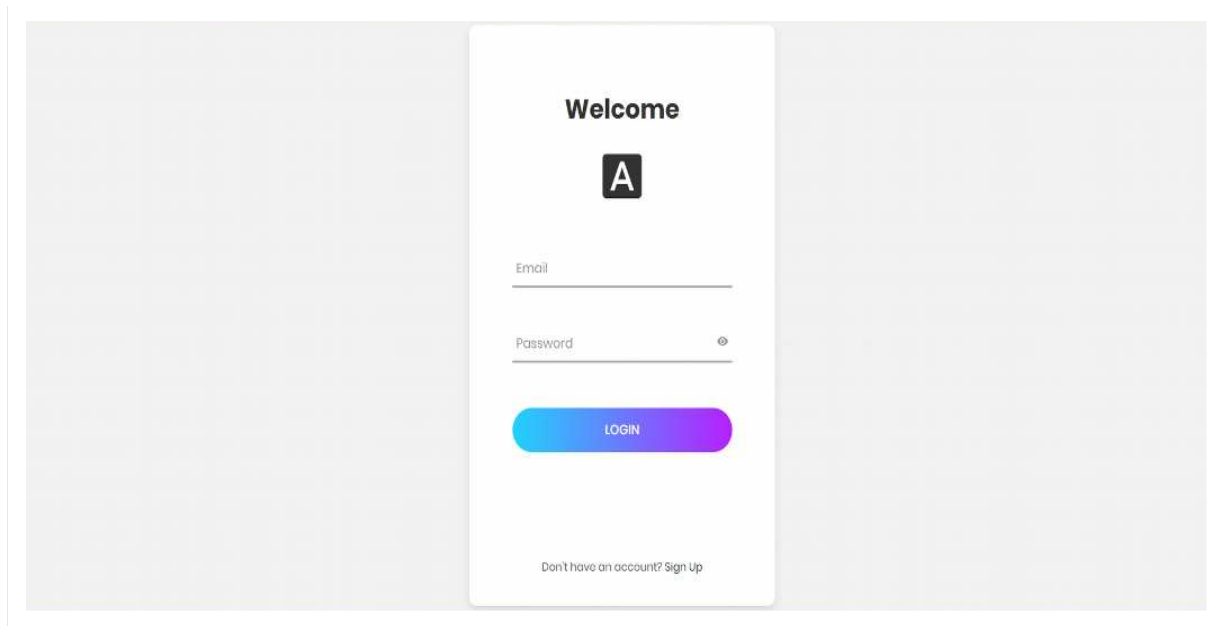


Fig-5.12

LOGIN PAGE: -

A login page design featuring a central white card on a light gray background. The card has the word "Welcome" at the top, followed by a black square icon with a white letter "A". Below this are input fields for "Email" and "Password", with a small eye icon for password visibility. A blue-to-purple gradient "LOGIN" button is positioned below the password field. At the bottom of the card, there is a link that says "Don't have an account? Sign Up".

Welcome

A

Email

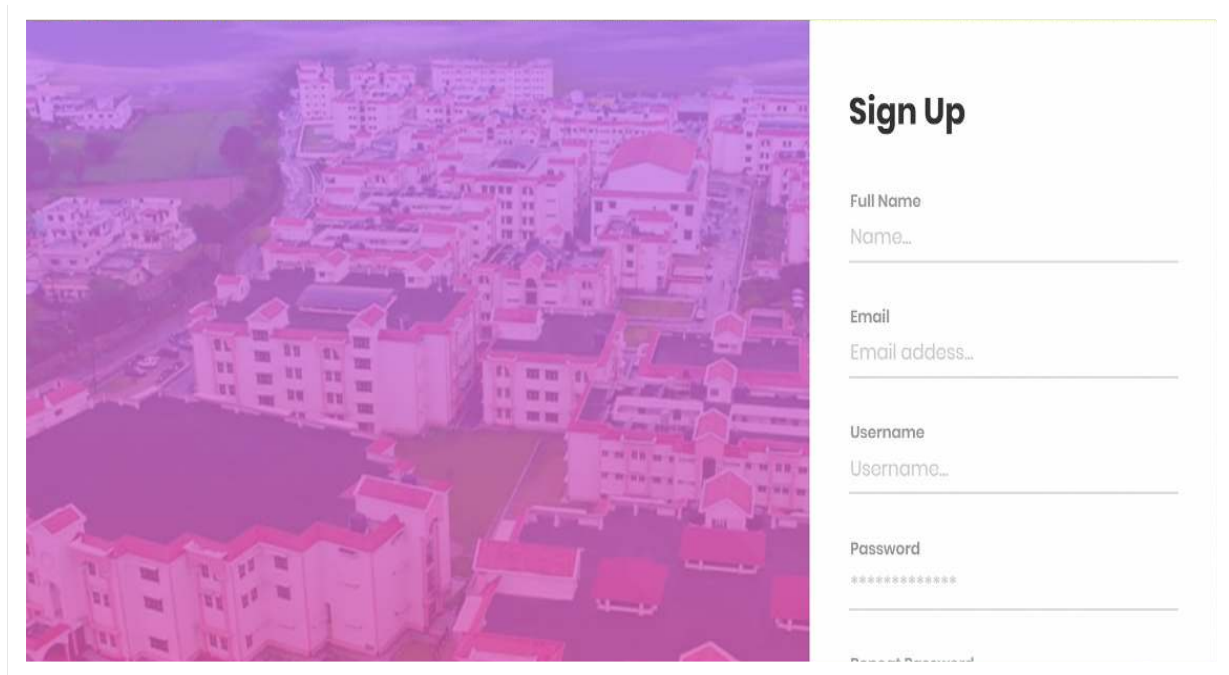
Password

LOGIN

Don't have an account? Sign Up

Fig-5.13

REGISTRATION PAGE: -

A registration page design. On the left is a large image of a cityscape with a purple overlay. On the right is a white card with the title "Sign Up". Below the title are input fields for "Full Name" (placeholder "Name..."), "Email" (placeholder "Email address..."), "Username" (placeholder "Username..."), and "Password" (placeholder "*****"). A "Repeat Password" field is partially visible at the bottom.

Sign Up

Full Name
Name...

Email
Email address...

Username
Username...

Password

Repeat Password

Fig-5.14

DATABASE DESIGN:

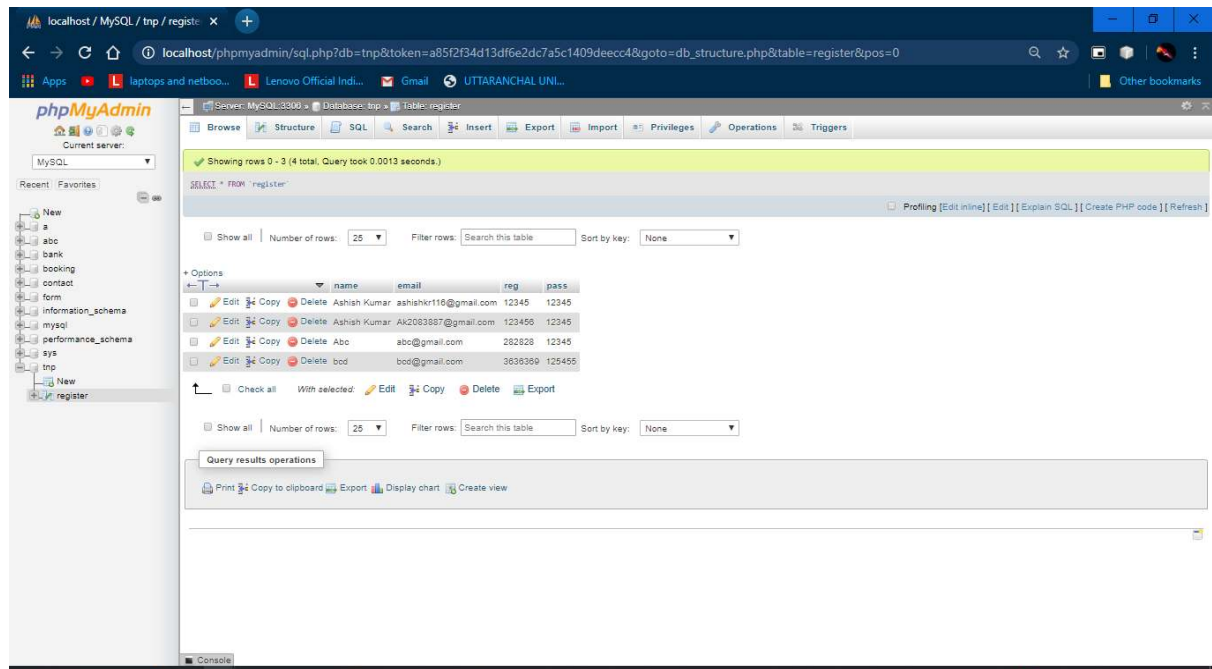


Fig-5.15

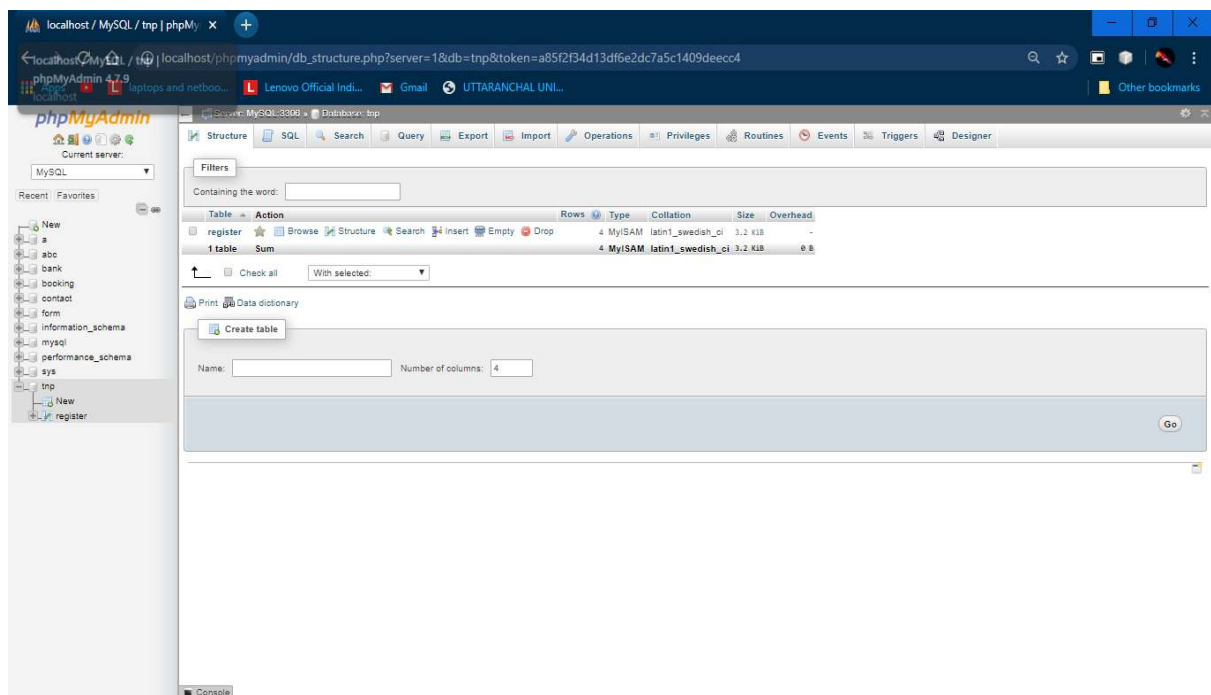


Fig-5.16

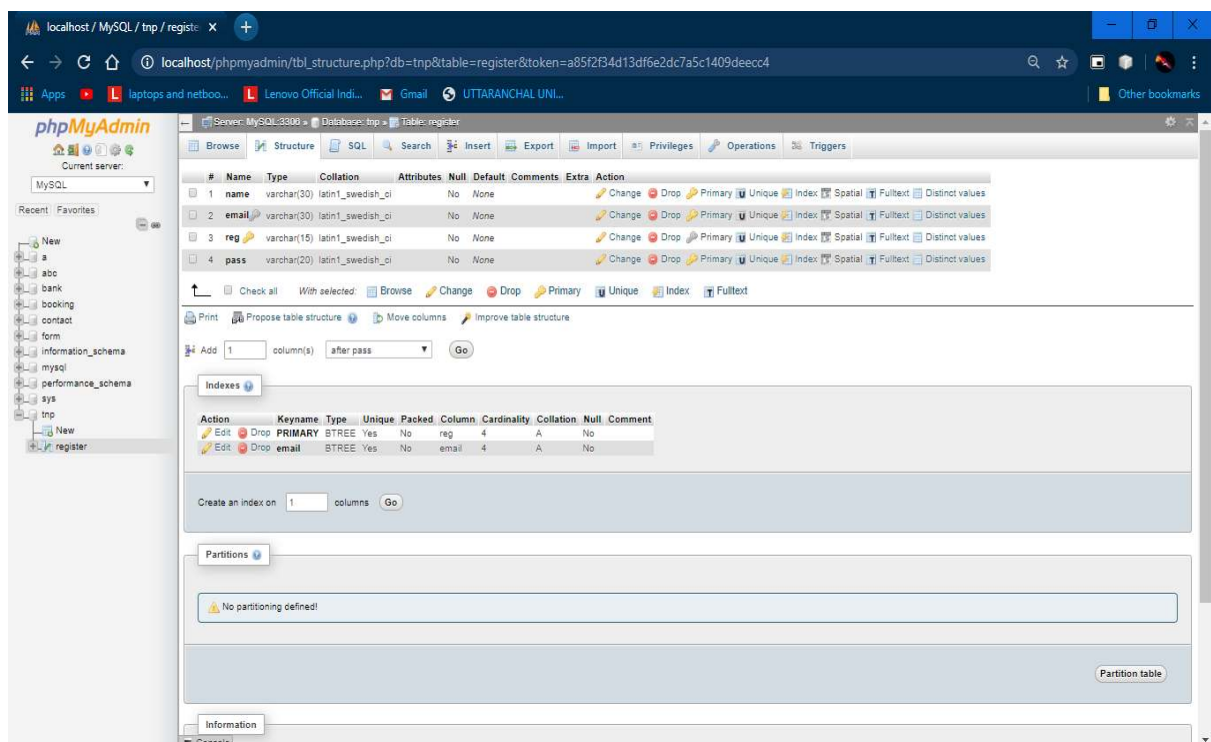


Fig-5.17

6.TESTING

6.1 Testing Techniques and Testing Reports

Unit Testing:

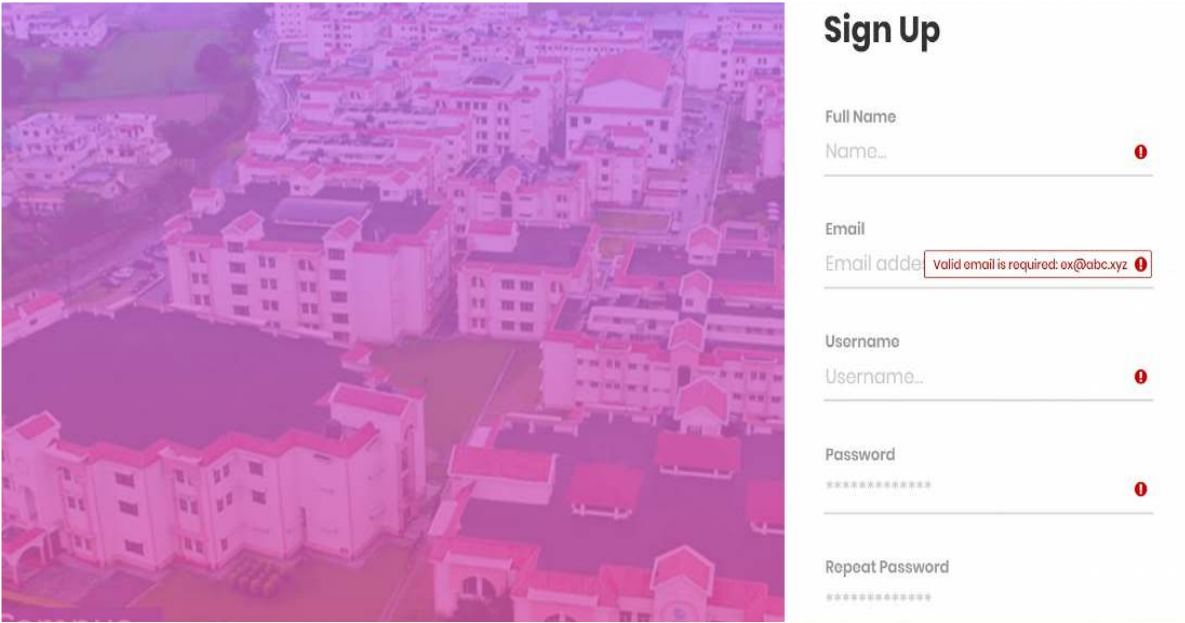
Unit testing, also known as component testing refers to tests that verify the functionality of a specific section of code, usually at the function level. In an object-oriented environment, this is usually at the class level, and the minimal unit tests include the constructors and destructors.

Testing Objectives:

- ☛ Testing is a process of executing a program with the intention of finding an error.
- ☛ A good test case is one that has a high probability of finding an as yet undiscovered error.
- ☛ A successful test is one that uncovers an as yet undiscovered error.

6.2TEST CASES

All the fields are mandatory and should be filled with the required details.



Sign Up

Full Name
Name... ❗

Email
Email address valid email is required: ex@abc.xyz ❗

Username
Username... ❗

Password
Password... ❗

Repeat Password
Repeat Password...

Fig-6..2.1

7. REPORTS TO BE GENERATED

- Details of new recruitment process will be displayed.
- Information regarding job profile and eligibility criteria.
- Registration for new placement process.
- Users will be notified regarding new campus placement.

8. SYSTEM SECURITY MEASURES

Our website is password protected. Moreover, the password is entered in encrypted form so more added security. If the user enters wrong username or password the system will not log in and a message will be displayed stating, *“Username is not valid”* or *“password is not valid”*. Only the user who knows the username and password can use the utility.^[3]

Secure and Robust Programming:

Many system failures and security vulnerabilities arise at the programming level. These can often be attributed to inadequate handling of exceptional situations, poor understanding of the details of the programming language in use, incomplete descriptions of the interfaces between components, and insufficient care in the treatment of concurrency and threading issues.

In this system, special care has been taken while performing the programming for the software so that the software doesn't get corrupted or meet any fatal error while running.

9. FUTURE SCOPE OF THE PROJECT

This website can be easily implemented under various organizations. We can add new features as and when we require. Reusability is possible as when require in this system. There is flexibility in all the modules.

- **Extensibility:** This system is extendable in ways that its original developers may not expect. The following principle enhances extensibility like adding more functions, and storing previous information.
- **Reusability:** Reusability is possible as and when require in this system. We can update it with new features and also design mobile application. Reusable system reduces design, coding, and testing cost by amortizing effort over several designs.

Reducing the amount of code also simplifies understanding, which increase the likelihood that the code is correct. We follow up both types of reusability sharing of newly written code with in a project and reuse of previously written code on new projects.

10.APPENDICES:

10.1 Coding:

```
<!DOCTYPE html>

<html>

<head>

<title>Training and Placement Cell</title>

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<script type="application/x-javascript">addEventListener("load", function() { setTimeout(hideURLbar, 0); },
false); function hideURLbar() { window.scrollTo(0,1); } </script>

<link href="css/bootstrap.css" rel='stylesheet' type='text/css' />

<link href="css/style_new.css" rel='stylesheet' type='text/css' />

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<scriptsrc="js/jquery-1.11.0.min.js"></script>

<link href="css/ab1.css" rel='stylesheet' type='text/css'>

<link href="css/ab2.css" rel='stylesheet' type='text/css'>

<link href="css/ab3.css" rel='stylesheet' type='text/css'>

<!-- start-smoth-scrolling-->

<script type="text/javascript" src="js/move-top.js"></script>

<script type="text/javascript" src="js/easing.js"></script>

<script type="text/javascript">

        jQuery(document).ready(function($) {

                $(".scroll").click(function(event){

                        event.preventDefault();

                        $('html,body').animate({scrollTop:$(this.hash).offset().top},1000);

                });

        });

</script>
```

```
<!--start-smoth-scrolling-->
```

```
<style type="text/css">
```

```
<!--
```

```
.style3 {
```

```
    color: #FFFFFF;
```

```
    font-weight: bold;
```

```
    font-size: xx-large;
```

```
}
```

```
.style4 {
```

```
    color: #663300;
```

```
    font-style: italic;
```

```
    font-weight: bold;
```

```
    font-size: large;
```

```
}
```

```
.style5 {
```

```
    color: #003399;
```

```
    font-style: italic;
```

```
    font-size: larger;
```

```
    font-weight: bold;
```

```
}
```

```
.style6 {
```

```
    color: #330000;
```

```
    font-weight: bold;
```

```
    font-style: italic;
```

```
    font-size: xx-large;
```

```
}
```

```
.style7 {
```

```
    color: #330000;
```

```
    font-style: italic;
```

```
    font-weight: bold;
```



```

}

.style9 {color: #CC6600}

.style13 {

    color: #FF0000;

    font-size: large;

}

.style15 {color: white; font-style: italic; }

.style16 {color: #003300}

.style17 {color: #FF3300}

.style20 {

    color: #333300;

    font-size: medium;

}

-->

</style>

</head>

<body>

<!--start-banner-->

    <div class="banner banner1" id="home">

        <div class="header">

            <div class="logo">

                <imgsrc="images/iitm1.jpg" alt="" height="60" width="60" />

                <a href="index.php" class="style3">Training and Placement Cell</a><br>

                <span class="style4">Uttaranchal University </span></div>

            <div class="navigation">

                <span class="menu"></span>

                <ul class="navig">

                    <li><a href="index.html" class="active">HOME</a></li>

                    <span><imgsrc="images/clk.png" alt="" /></span>

                    <li><a href="https://uttaranchaluniversity.ac.in/our-
recruiters/">OUR RECRUITERS</a></li>

```

[illegible]

<tr>

<td>

<h3>Uttaranchal University</h3>

<p align="justify">

Uttaranchal University is one of the most reputed Universities for technological education and research in India. Known for its strong relations with the industry, the University has always been a favourite destination of recruitment for many firms. Quality placements have been, indeed, the USP of Uttaranchal University.

<imgsrc="images/iitm1.jpg" alt="" height="60" width="60" />

The Training and Placement office is the nodal point of contact for companies seeking to establish a fruitful relationship with Uttaranchal University.

</p>

</tr>

<tr><td colspan="3">

<h3>Message from the Chancellor</h3>

<p align="justify">The founders of Uttaranchal University envisaged an institution of learning which would transcend all barriers and become a university of national character in letter and spirit.

Our emphasis is on diffusion of scientific, technical and professional knowledge on one hand and on the other hand building up the character of youth by integrating ethics with education.

I am happy to say that the University's unique campus and nine interdisciplinary institutes- Law College Dehradun, Uttaranchal Institute of Technology, Uttaranchal Institute of Management, Uttaranchal Institute of Pharmaceutical Sciences, Uttaranchal College of Applied & Life Sciences, School of Agriculture, University Polytechnic, Uttaranchal College of Journalism & Mass Communication and School Of Hospitality Management are making their mark at the state and national level in the frontier areas of Law, Engineering, Management, Information Technology, Pharmacy, Applied & Life Sciences, Agricultural Science, Journalism & Mass Communication and Hotel Management. I hope the same for School of Liberal Arts.

The University is complemented by the pioneering efforts of more than a decade in legal education, engineering and management which has won us the place among the premier institutes of learning in the country. Our dedication to offer the best infrastructure and faculty has been amply rewarded by the excellent academic results achieved by our students. Among other accolades, our students have won prestigious awards from many Universities. A University can grow when research is combined with teaching. Therefore we have ensured the development of a collaborative environment conducive to learning, exposure to the best international practices and promotion of innovation and creativity.

<!--<span

class="fb">

```

class="twit"></span></a></li>
class="sky"></span></a></li>-->
</ul>
</div>
<div class="col-md-4 footer-middle">
<p>Uttaranchal University, Arcadia Grant, P.O.
Chandanwari, Premnagar, Dehradun, Uttarakhand-248007 INDIA</p>
</div>
<div class="col-md-4 footer-right">
<p><a href="#home" class="scroll">TO THE
TOP</a></p>
</div>
<div class="clearfix"></div>
</div>
</div>
</div>
</div>
<!--end-footer-->
</body>
</html>

```

10.2 Bibliography

Book:-

[1] Pressman, Roger (2010) *Software Engineering: Practitioner's Approach*, McGraw Hill, New York, NY

General Internet Site:-

[2] <https://meeraacademy.com/online-campus-selection-system-in-> / [Accessed 12 -mar -2020]

[3] <https://www.scribd.com/doc/155715830/Campus-selection-System-report-> [Accessed 13- mar -2020]