

# College Collaboration Portal with Training and Placement

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**Abstract**— Training and placement is the essential part of any educational institute in which most of the work is being done manually and it is aimed at developing an online application for the Training and Placement Dept. of the college. This project is to develop a system that can be used by placement cell of a college and also is to design a system that provides functionalities to perform the activities related to placement services. Whereas module responsible for adopting student information, company information and study material require for company placement. Student should be able to upload their personal and educational information. In the present work some of the modules are implemented by means of managing training and placement data. This modularity of the architecture will allow us to replace or add modules in the future as a way to enhance a particular feature of particular situation.

**Index Terms**— Automation, Optimization, Security.

## I. INTRODUCTION

This project is designed for an online application for the training and placement Department the college. It can be accessed all over the college and outside by providing proper login. This system can be used as an application for the top of the college to manage the student information. The Training and Placement has been developed to override the problems in manual system. It is used to reduce the difficulties faced by the existing system. It is designed for the particular need of company to carry the operations in a smooth manner. It is used to avoid errors while entering the data and also gives the error message while entering the invalid data. There is no need of formal knowledge for the user to use this system.

It also makes the user to concentrate on other activities rather than concentrating on record keeping. This project contains the most important part as displaying the personal and academic info of a company. This project allows a database Administrator to enter the information of a student and a company and then it is stored in tables of main databases. This cell arranges training programmes like Mock Interviews and also some mock exams. It would reduce the paper work and storage area. The main aim of this project is to manage the details of Training, Placement, Student. It is mainly done under the administrative end and he can only access the information. The person has to fill various forms. It mainly aims to place the maximum number of students through campus and off campus interviews. Training of students and placing them in a well settled job is the main use of this project. It would also build confidence in students and also make their communication skills improve.

This project is done for automating this project which can help the T&p cell by saving their time. Based on this basic operation actually their activity is under two steps the first one is we have to maintain the list of students and their credit records and the second job is to maintain the company details and based on the company requirements we need to select the students and we need to make the list of students branch wise, as it is a very difficult work, and also informing through notice board is also a man work because any student does not look at the notice boards and this problem can be reduced by sending mails to students.

The proposed system is better than existing as retrieving the details of the student is very easy and easily maintained by one click and can also easily attain the details of company. For the purpose of training and placement they have to collect the info of students and they would manage them in a manual work. If any modification is done it must be done manually. So we process it through this computers. Students can maintain and update the information. Notifications are also sent to the students about the company information so that students can access previous info about placement.

T&P cell mainly include the details of students, based on these requirements specified by various companies, appropriate students list must be generated. The percentage of the students must be appropriate and true. We should be able to generate a notice so that we notify all the departments the corresponding information about campus recruitment drives. We need top view the student details. Notify all the departments the corresponding information about campus recruitment drives. We need top view the student details.

## II. RELATED WORK

This project is aimed for developing an error free and it is easy to handle Online training and placement management system for the college and as we know this project is aimed at developing an error free and easy to handle on-line training and placement management system for the college and also due to its various flexible features, such system is developed and successfully implemented in many of the colleges in India and throughout the world. Each and every reputed college now a days is specially focusing on automating their daily maintenance related work and their departmental related manual work, for Example automating the training and placement department, financial department, Library.

### III. PROPOSED SYSTEM

The aim of the proposed system is to develop a system with improved facilities. The proposed system can overcome the limitation of the existing system, as the student's information is maintained in the database, and it also gives more security to data, ensures data accuracy, reduces paper work and save time, only eligible students get chance, it makes information flow efficient and paves way for easy report generation, reduce the space. The student can fill online registration form. The generation of notice is done by admin to provide the information of the system about the details of the company. With this information the system will generate a notice which can be seen on students' account to intimate students about placement drive. View student profile here the admin is able to view a student's profile. The admin is provided to post updates or any necessary details to students or others depending on his need. The existing Placement cell was done only because of maximum manual work. All the work is done by human. As all the work is done by humans there is a chance of errors. The interaction between student and administer is maximum. Due to the manual work it would take lot of time. The records were stored in modified access sheets hence there would be a problem in sorting and also the files were not stored in hierarchical format hence it may have searching problems. Filling of forms by students Here a form is given to students in which he/she has to fill with some details such as his name, roll number, contact details, percentages, Intermediate particulars, SSC particulars. Collecting marks from green book Marks of each student are collected from green book. Preparing excel sheet From the data collected through filled-forms and green book, excel sheets are prepared. These excel sheets are used to prepare a list of students who full-fill the requirements of a company visiting the campus and these students are eligible to attend the campus placement. all the problems in existing systems are overcome in proposed system.

### IV. OBJECTIVE

The proposed website includes the following features:

- Training and placement details of each student.
- Students can register for training and placement via registration form provided on website.
- Students can view the status of their training and placement.
- Search feature is provided which enables the students to view only their training and placement status.
- Student can update their personal and academic records like email id, current semester, correspondence address and marks obtained in different semesters.
- Provides a proper communication channel between student and training & placement department.
- Latest information about which company is visiting the campus is provided which helps the students to get updated information quickly.
- Invalid and duplicate registrations can be avoided and hence it provides reliability.
- Only administrator can alter the Placement and organization record if needed.
- Administrator is responsible for the deletion of any student record from database.

### V. MODULES

#### *Notification*

In this module admin posts the information regarding company name, date of drive, venue of drive and skills and capabilities which are need to that company. where as from this the user can only view the information but he has no right to modify or update. In this only admin can export the table data to modified access sheets and they can print when ever he required.

#### *Gallery*

In this module admin can posts the company profile, selected date, selected candidates photographs regarding particular company to the student. The student only can view where as the admin can delete or add the gallery images and data.

#### *Message*

In this module both student and can interact with each other through messages. In this only the admin can interact with their corresponding department students. But where as the student can interact with all whomever they want to interact. Both student and admin can view their status update. At any cause if student and admin misuses the inbox and outbox message. That can be stored in database.

#### *Materials*

In this module admin can posts the material regarding placement to the students where as the students can view in online or they can download when ever he required but he has no right to modify or delete the materials in the database.

#### *Manage Users*

In this module admin can update the student personal profile, educational details, student profile picture and student resume. where as the student can only view his profile and they can update their own profile but he can't update their profile picture and resume.

#### *Test*

In this module student can take online test with that the students are filtered based on the cut off marks which is provided by the company. In this module only the admin have the right to post the question, options, marks allotted to the correct answer and marks allotted to the wrong answers. where as the students can only can view and write the exam and they can the history.

## VI. RESULTS

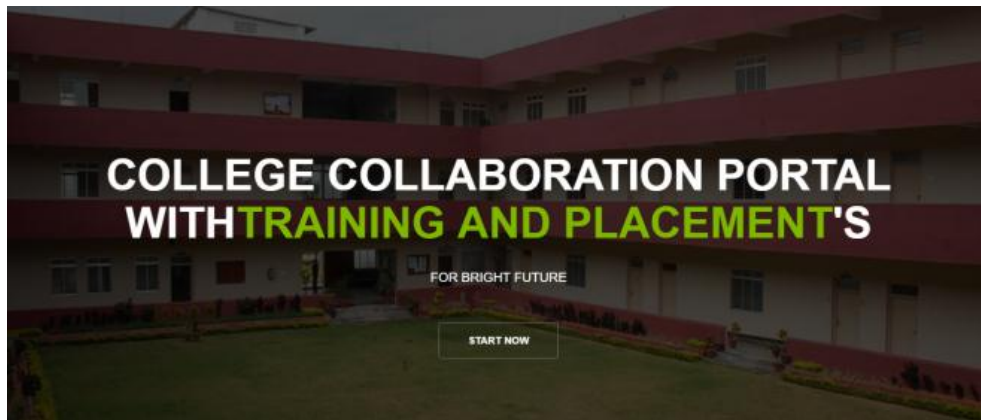


Figure 1 Home page

Home page of the college collaboration portal with training and placement which contains student login and admin login both have they own usernames and passwords.

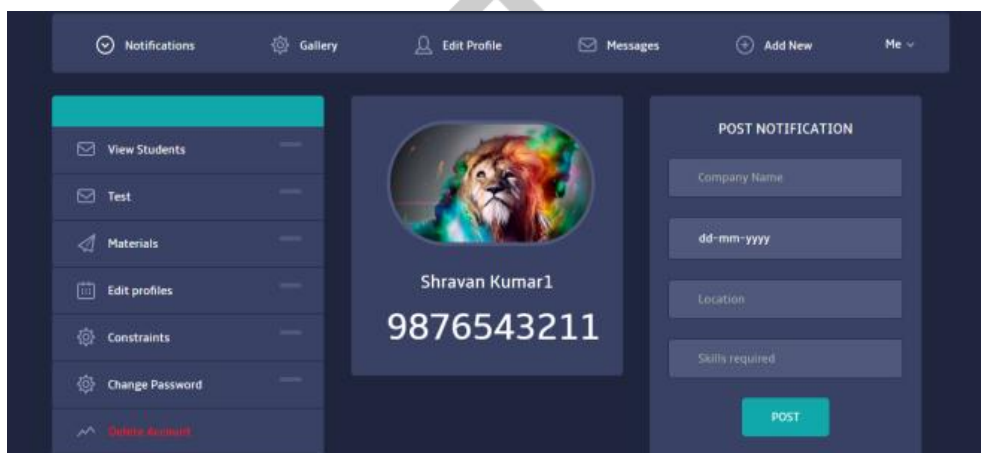


Figure 2 Admin Profile Page

Admin have right to post the notification of drive, view the notification, update the notification and message module for interact with students and post the images of drive into gallery module and post the material related to company and managing the user profiles by admin.

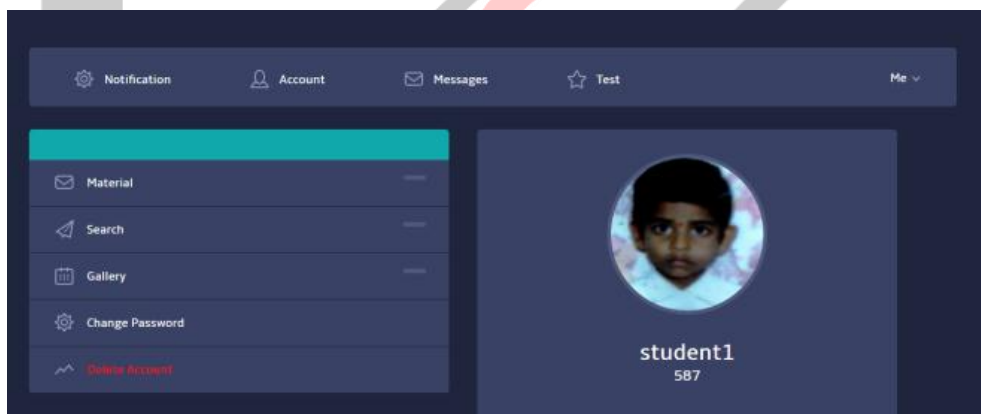


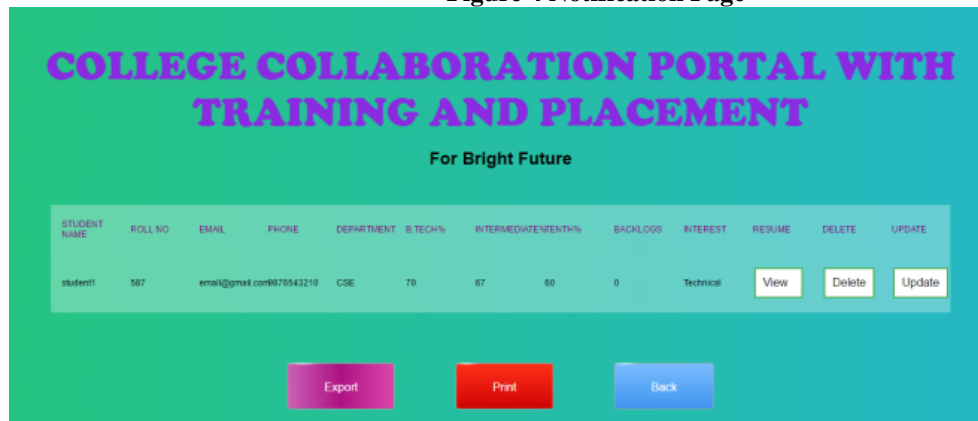
Figure 3 User Profile Page

Student can view the notifications posted by the admin and send messages to the admin and take online test and access the material posted by the admin.



COMPANY NAME	DATE OF DRIVE	LOCATION	SKILLS NEEDED
hashed in	2017-12-07	salamoner	C++
hashed in	2017-12-07	salamoner	C++
hashed in	2017-12-15	salamoner robot	C++ and Java
hashed in	2017-12-15	salamoner robot	C++ and Java

Figure 4 Notification Page



STUDENT NAME	ROLL NO	EMAIL	PHONE	DEPARTMENT	% TECH%	INTERMEDIATE/% TECH%	BACKLOGS	INTEREST	RESUME	DELETE	UPDATE	
student1	507	email@gmail.com#670543210		CSE	70	67	80	0	Technical	<input type="button" value="View"/>	<input type="button" value="Delete"/>	<input type="button" value="Update"/>

Export Print Back

Figure 5 Student Data page

## VII. CONCLUSION

To overcome all the limitations which is present right now so we are developing a web application for improvement of Training and Placement department. This web application will perform various tasks for student administrative authority. This project helps a better student support and time saving factor. It will also supports student s queries and would also provide reports and information to the management for smooth running. There is no chance of human error, as the various reports will be printed without any human intervention. The various types of reports will be available quickly without any effort. The Placement Cell maintains a large database of students wherein all the information of student including the personal records and the academic performance in terms of the marks is stored and company information including resume of company and facilities it provide.

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