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Training and Placement Cell

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Abstract: This Training and Placement Cell allows the training and placement officer to manage student information about campus recruitment. Manually collecting and managing student information has been very difficult. Now days, to make this recruitment process easier and more efficient a development program is called Training and Placement Cell. In this program the student makes his or her registration much easier so that the placement officer can easily get the student details. The Online Training and Placement Program changes the Training and Placement activities and establishes good communication between the student. Online Training and Placement focuses on automated placement automation. The system also assists the college to keep track of student appointments. The appointment officer prepares a schedule for all activities in relation to appointments and provides conditions. Eligible students receive information automatically. The student, Departmental staff, TPO received the required information. Those enrolled students are all eligible for the program.

Keywords: Training & Placement Cell System, TPO, Departmental Staff, System, Students.

I. INTRODUCTION

The main purpose of web-based training and cell placement is to provide information about recruitment online. It has different modules such as student modules, staff module, notification board module, upcoming drive module, and administrator module. By using this module TPO can easily manage the recruitment and management process information about a student profile. In this system TPO acts as an administrator module. This program provides good communication between TPO and students. It also contains data which is a common way to manage student data. In a separate institution they used paper to work to create and manage student information which is a time-consuming process.

A. Problem Statement

Now a day, student joins the college for better education as well as for better placement for their future. The placement activities play very important role in student career and building college reputation. In the current system all training and placement activities are done manually, there are more chances of error. It is very time-consuming activity for collecting, managing, updating student data as number of student increases. The notice board is old method of informing student about the placement activities. The training and placement officer has to short list according to company requirement. It is required to design of a computerized student automation module to speed up capabilities.

B. Scope

The student can create an account and update his or her details. The student can see details about the various companies and their processes. The benefits of this automated program are as follows:

- 1) Increase the accuracy and efficiency of the placement process.
- 2) Student information management.
- 3) Provide information on the current Drive to the reader.
- 4) Provide students with mock tests.

C. Objectives

To avoid problems from the existing system we are developing a training and web placement system to create a collaborative, automated and efficient placement cell.

- 1) Minimize manual work and create a database of student data.
- 2) Save TPO time and work.
- 3) Perform a mock placement test.
- 4) Provide drive details.
- 5) Improve the accuracy of the result.

II. LITERATURE SURVEY

- 1) The "Online Training and Placement System" paper provides the most effective way of placing students. In this program the student does their job of registering and locating where they can get this information. How many students are placed that will be shown with various graphs. A separate registration and profile will be made for the alumni student. Alumni are kept in touch by default notification via email or SMS. The company provides conditions that automatically qualified students appreciate. The current student can view and enter details i.e., does the registration plan for their CVs online, update regularly. TPO has granted permission to student- organized information, search for the eligible student in accordance with company policies and may issue a mailing list to the eligible student. TNP staffs are very important in providing student accreditation and integration. Find a student according to external skills or activities, set a schedule for online notifications and events. The company must obtain a register so that its details such as URL, contact, details, paper, spaces will be provided. Web server to manage the efficiency of TNP operations. The website keeps all the details related to the TNP program. The default email program or SMS is used to notify each student and other program modules. a forum is a forum for all users to communicate with each other.
- 2) In a paper entitled "Performance Analysis of Undergraduate Students Placement Selection using Decision Tree Algorithms" we state that we can use tree decisions to predict student selection when they are placed. This paper explains how algorithms for various tree decisions are used to predict student performance in placement. Decision algorithm for a tree, a tree- shaped structure that represents decisions. This system reduces people's efforts and saves a lot of data. The system focuses on automation of training and cell placement and profile matching. Monitor and control the progress of the selection process and contact with the appropriate qualified person via SMS or email. They formulate the Rules used for data classification.

III. SYSTEM ARCHITECTURE

The aim of the project is to improve offline process of Training and Placement by replacing it with web-based Training and Placement Cell. When the user opens the website all the details such as the upcoming drive, placed student history, and Notices regarding drives are available to everyone. In this project the main user modules are:

A. Admin

TPO is the main Admin and has complete control over the system. He is the main user with priorities of other users and have different tasks such as updating the details of the upcoming drive, posting notices on the Notification Board and approving various application forms.

B. Student

The student first register in the system. After registering the student can log in to the system. The student may ask questions related to the next drive in the query box. They can update their details such as resume, photo, password, etc., The mock test module is provided for the student to practice before driving. Various links of aptitude test are provided for the student to access and practice.

C. Departmental Staff

These are the staff members of every department which are members of the system. Staff can see the list of placed students. Also, can answer the queries asked by student.

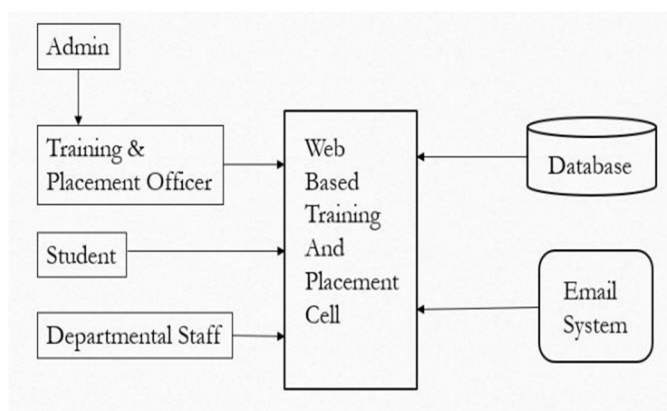


Fig. 1 Architecture of Training And placement Cell

Web Based Training and Cell Placement: centralized system in which TPO, Departmental staff, Student, are the users of the system. In the architecture of training and placement the TPO is the main admin of the system. Another important part of the training and placement cell are Student, Notification Board, Query Box, and the Mock test module designed for the system. A database is used in the system to store data. Database is a major part of this program. The default email program is also provided to inform the reader about upcoming drives. In this system automatically information regarding with campus is send it to student.

IV. RESULTS

Following snapshots shows the implementation results of the proposed system.

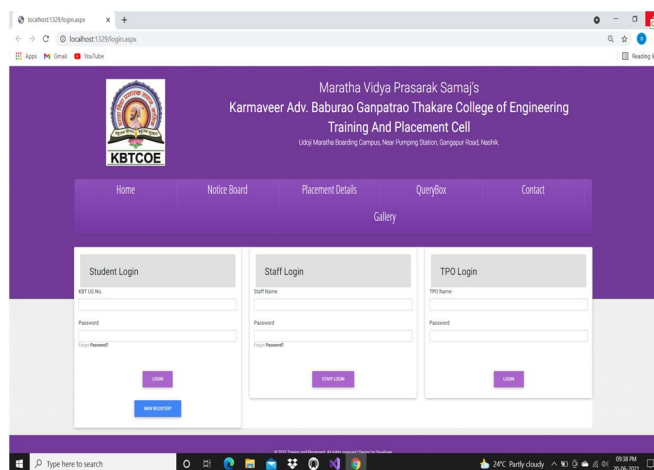


Fig 2: Home page

This is the system homepage. Three entries are for students, administrators and staff of the Department. A new student can sign up using the new register button. Once the registration has been done the student will receive login credentials. The student can login to the system using the login credentials. Various options are offered. These features are accessible to all three users. They are as follows:

- 1) **Query Box:** In the query box, the student can ask questions about the upcoming placement or drive. Other Student, Departmental staff and TPO can answer the queries.
- 2) **Gallery:** In the Gallery section, placed student photos are uploaded. TPO will upload the photos in the gallery.
- 3) **Notice Board:** The upcoming drives dates, important notices will be displayed in notice board section. TPO will upload the notices in the notice board.
- 4) **Placement Details:** All the placed student names are provided in the placement details.

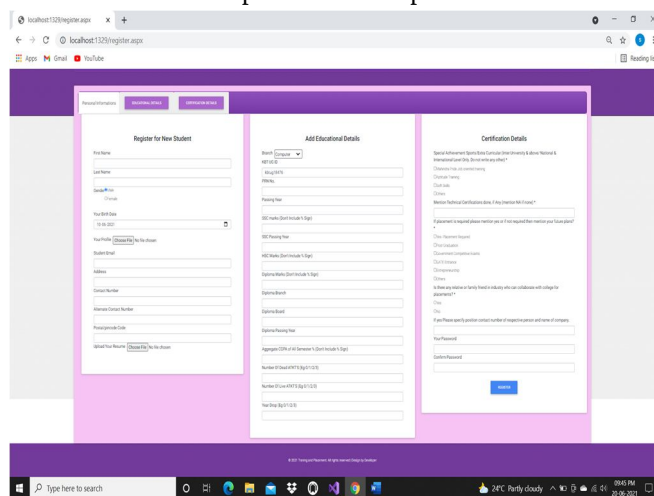


Fig 3: Student Registration Form

This is the registration form. The first student must register in the system for the login credentials. For registration student have to fill their details like name, department, profile photo, resume, password, etc. To login into system KBTUG id is used as username.



Fig 4: Admin Home Page

This is the Admin home page. After logging in, TPO will see this page. Five different sections are provided are as follows:

- 1) **Upcoming Drive:** In this section, TPO can prepare details of upcoming drive like company name, criteria, registration link, package and drive date. The TPO will then send it and it will be displayed in the upcoming drive section of the student profile.
- 2) **Notice Board:** In the Notice Board section, TPO will provide notices regarding drives.
- 3) **Staff Register:** TPO will register the staff and will provide login credentials to Departmental Staff. Only registered staff members can login in to the system.
- 4) **Export Data:** After clicking on Export data button, data of all the registered student will be downloaded in the Excel format.
- 5) **Placement Updates:** In this section, all the placed student names will be displayed. TPO can personally send the congratulation mails to the placed student.

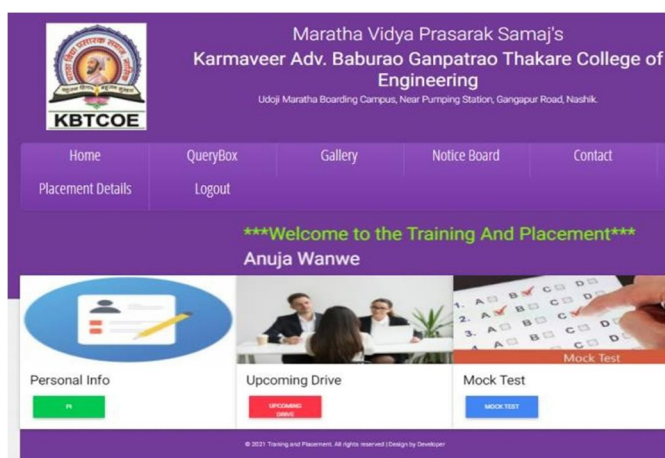


Fig 5: Student Home Page

This is home page of student. After successfully login into system this page will open. Three sections are provided for student, they are as follows:

- 1) **Personal Information:** In this section, student can update their personal information like they can change their name, can update profile photo and resume.
- 2) **Upcoming Drive:** The information related to upcoming drive will be displayed here. Student can register to the drive using registration link.
- 3) **Mock Test:** In the mock test section, student can practice aptitude, technical test. Different links are provided for student. Student can access that link and can practice for upcoming company test.

V. FUTURE SCOPE

In the future we can add different features like discussing direct messages between company and student. Provides an easy way to communicate between student and industry. We are also developing a TPO application, which is used to store data and to maintain a local or country placement process in a particular stream.

VI. CONCLUSION

The developed system can ensure the keeping of secure and confidential records stored in a database. It also has a specific module such as the student information system has a student, company and institutional data / TPO data module with its own separate Admin module. For security purposes you also have the option to change the password. The entire record is stored in excel format. In accordance with company policy TPO Just enter the company requirement and according to which the list of eligible students will be displayed and TPO will notify them. Our system is secure and usable in all three modules.

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