



iJRASET

International Journal For Research in
Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 10 Issue: IV Month of publication: April 2022

DOI: <https://doi.org/10.22214/ijraset.2022.41265>

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Website Development for Training and Placement Cell

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Abstract: Training and Placement Cell is important part of any educational institute in which most of the work till now is being done in manual way. The main aim of this project is the automation of Training and Placement cell of DKTE Yashwantrao Chavan Polytechnic college. The system is a Website i.e. managed by Training and Placement Cell of DKTE Yashwantrao Chavan Polytechnic college for placement activity. The main feature of this project is automatic email generation and sending. In this TPO will feed the criteria and the notification will be sent to the eligible students automatically.

The application also provides facility of maintaining details of students along with the placement records of the college.

There is also facility of communication wall through which user can post their queries and answer them.

The project will provide maximum optimization, abstraction and security along with minimum manual work. The project will be helpful in faster management of the placement related activities in the college campus.

I. INTRODUCTION

Web based training and placement system automate the system. This system helps to the student's staff and college. There are traditional notice boards in the colleges due to this the no. of students can't get the information within the time limit to overcome this limit this system plays a vital role displaying the notices within the time limit.

The system itself is fully automatic; it sends SMS, Emails to the students. According to that the whatever number of students get placed, the various graphs generate.

Students store their information in the system; the student's information is accessed by college company. According to the company criteria, the student is selected and notified by the SMS, email. Those students who come in the company criteria only those students are eligible for the placement.

II. LITERATURE SURVEY

In this section we discuss the different Methodologies Review/ Literature Review and Motivation Outcomes from it.

A. Review of Methodologies

This paper describes the solution for the problem which occurred in the existing manual system. The major problem in the existing manual system is searching and updating of the student data. The proposed system provides automation in all the processes like registration, update, and searching of the student data. Also if a student is eligible for a company then the student can directly apply for the company by only clicking on the apply button.

B. Motivational Outcomes

- 1) Till now, notification about placement activities is being done manually, by the proposed system there will be dynamic notification generation and sending to the students.
- 2) The system will provide facility of sending automatic email to the eligible students.

III. TRAINING AND PLACEMENT AUTOMATION

The System focuses on the automation of the training and placement cell and profile matching. Observing and controlling the progress of the selection process and communicating with different eligible candidate via SMS or Email notification. For accessing the data on android platform, we are using JSON. This system reduces the human efforts and maintaining a large amount of data efficiently.

IV. ARCHITECTURE OF TRAINING AND PLACEMENT SYSTEM

Fig. 1 is Web Based Training and Placement System: is a centralized system where TPO, TP Staff, Student, Alumni are the Users of the system.

A. Students

Students are the main component of the system according to the company criteria. Students get notified by SMS and email. To participate in the placement.

B. TPO

TPO is the main Admin and having overall control on the system.

C. TP Staff

These are the staff members of every department which are members of the system.

D. Principle

Given the access to them just for securing the data.

E. Alumni

These are students who passed out from institute but further they are eligible for the placement procedure. They also notify by the SMS and email.

V. CONCLUSION

The developed System can guarantee to keep the records safe and privacy which is stored in database.

It converts unstructured data into structured data and sorted for format. It is very helpful, reliable and performs well functionally to get an alert message and emails on cell phone. Also, this system helps us to take the record of alumni.

REFERENCES

- [1] <http://www.dkteycp.ac.in> From this website we have used the structure for this website and a bit of content from the css file.
- [2] Special thanks to our guide Miss. M.S. Chakote. By help from their instructions and guidance we have created the Training and Placement Cell.
- [3] <https://getbootstrap.com> by using this website we have designed the whole frontend work of this cell and used some content as well.



10.22214/IJRASET



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