

# Automation of Training and Placement Cell

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**ABSTRACT:** Training and Placement may be a department existing in several organizations that involve in providing needed coaching and inserting them in acknowledged institutes. Typically they have large documentation method that is cumbersome once done manually. Automation of Training and Placement Cell may be a net-based application developed within the windows platform for the training and placement department of the faculty so as to produce the main points of its students during information for the businesses to their method of accomplishment supplied with a correct login. This method is often used as an website application for the TPO of the faculty to manage the college data with regards to placement. Students will try Online examination or search the fabric needed for the choice method like technical and reasoning. Once field picks area unit conducted the college ought to offer their CV to the priority officer for attending the field interviews. This method mimics the manual procedures, like maintenance of their resumes and credentials, causing job alerts.

**Keywords—** Training and Placement Cell, Automation, TPO, Online Examination, Net-based application, Website, Job alerts.

## 1. INTRODUCTION

Placement coaching plays a significant role in shaping up the career goals of scholars. It's the dream of each engineering student to urge placed in a very prime organization visiting their field for achievement. Keeping this key side into thought, it's complete that coaching is very important for engineering students to boost their employability skills and succeeds good placement in varied Industries. At present, the competition for employment is increasing daily and placement has become a difficult task. Coaching of scholars and armament them with life skills has become a vital responsibility of the establishment. At the side of technical experience development of a holistic temperament is additionally necessary. The coaching and Placement Section of the Institute centrally handles field placement of the graduating students of all Departments, Centers and colleges [1]

The Section provides glorious infrastructure to support each stage of the location method. Arrangements for Written Tests, Pre-Placements Talks, Group Discussions, Interviews and so on. Square measure created as per the necessities of the organizations. The section conjointly arranges for summer sensible coaching for all pre-final year B. Tech. Students and third year students of five year twin degree M. Tech courses over seventy fifth of total students placed beneath field placement achievement for each batch starts from forwards. On top of half-hour of scholars are becoming over one placement. In each branch concerning students crack varied post graduate exams like CAT, GRE, GATE, GMAT etc. These students get recruited by top universities round the world. Now a days field placement area unit conducted all told schools. Various code and alternative sector firms area unit conducting field picks for choosing advantage candidates. When field picks area unit conducted the scholars ought to give their summary to the priority officer for attending the field interviews [2, 3]

## 2. AUTOMATION OF TRAINING AND PLACEMENT CELL

To reduce the work needed to manage student information and therefore this information of varied recruiters, a replacement system is projected that is processed through computers [4]. To develop a system that will accomplished the following:-

- Reduce the work and hold. Improve the output of operators. Improve accuracy in result.
- Allow simple navigation through CV's and company information.
- Manage the person and machine resources with efficiency.
- Its user friendly interface having fast access to documents.
- Easily ascendible to grow with ever-changing system demand.
- Secured sign in and updates.

### 2.1 TRAINING ACTIVITIES

- Create awareness regarding "career planning" and "career mapping" among the scholars.
- Equip the coed with life skills.
- Train the scholars on "Personality development".

- Organize numerous coaching Programs to coach the scholars within the areas of Quantitative ability, Logical Reasoning and Verbal reasoning through the putative external coaching organizations and in-house trainers.
- Train the scholars through Mock Interviews to perform well within the skilled interviews as per the expectations of the company world.
- Train the scholars on give-and-take techniques.
- Conduct on-line tests and written ability tests.

## **2.2 PLACEMENT ACTIVITIES**

- Job alerts
- Campus selection alerts
- Short list students
- Maintain company profiles
- Maintain Student profiles
- Selected students list maintenance

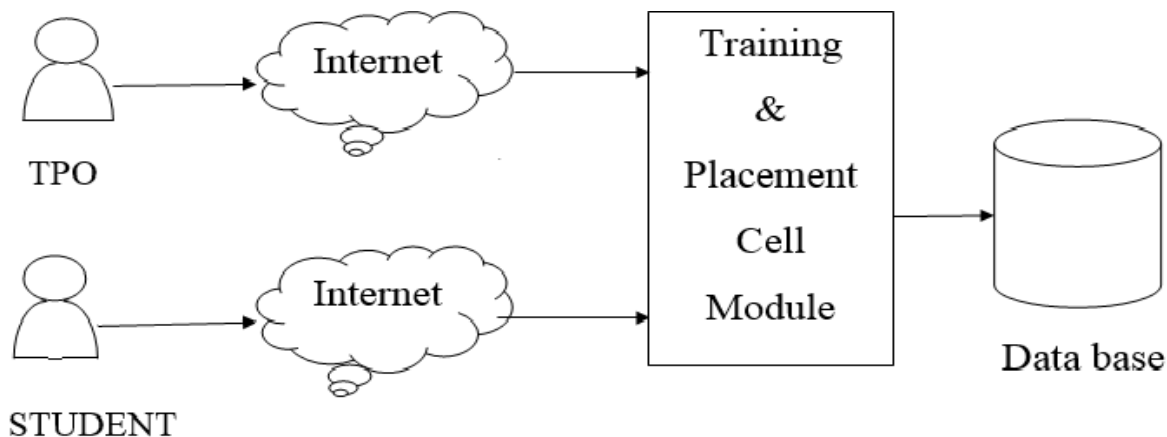
## **2.3 ROLE OF TRAINING AND PLACEMENT CELL**

The decision on the selection of intervention a technique is solely supported the Pre coaching Analysis report. A series of Pre coaching Assessments are going to be administered to every and each individual and can be mapped on the skill-will matrix. The scholars can then be coached, guided, mentored, supported or trained counting on the requirements of the scholars. So as to live the coaching effectiveness the scholars also will be subjected to a series of Post coaching Assessment when completion of every of the coaching module [5]. The scholar's square measure trained to achieve the higher than objectives through a spread of programs surpass the Training and Placement Cell such as:

- Corporate leaders from numerous leading industries square measure invited often to act with students.
- Language learning programs to coach students in developing their communication skills and foreign language skills like German and French exploitation a people Language science laboratory.
- Training through cluster Discussions for college kids to perform well within the skilled interviews that is that the screening ways utilized by leading firms lately.
- Training through Mock Interviews for college kids to perform well within the skilled interviews as per the expectations of the company world.

## **2.4 ARCHITECTURE OF TRAINING AND PLACEMENT CELL**

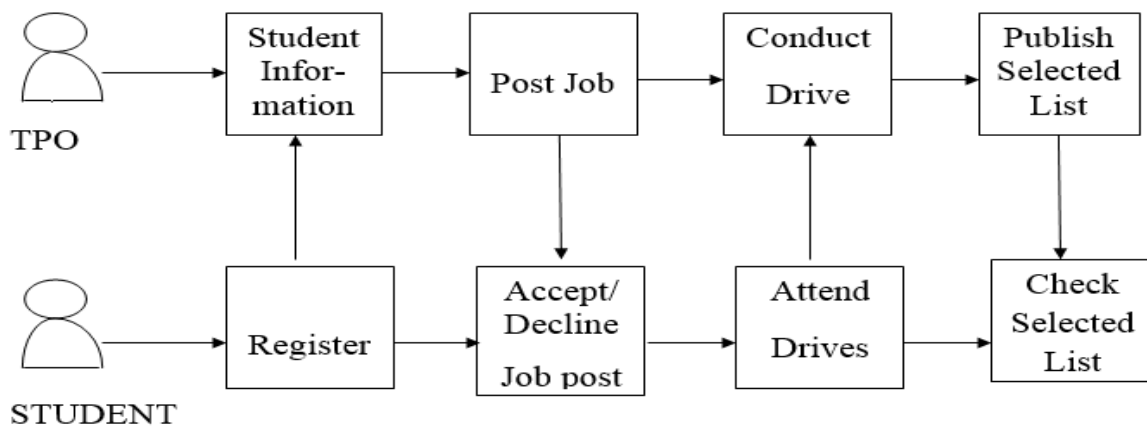
In the design of Training And Placement Cell we tend to designed two users TPO and Student. Training and Placement officer and Student were produce a placement cell module through the net and these are keep within the information [6].



**Fig. 1:** Architecture of training and placement cell

**2.5. TRAINING AND PLACEMENT/STUDENT OPERATION:**

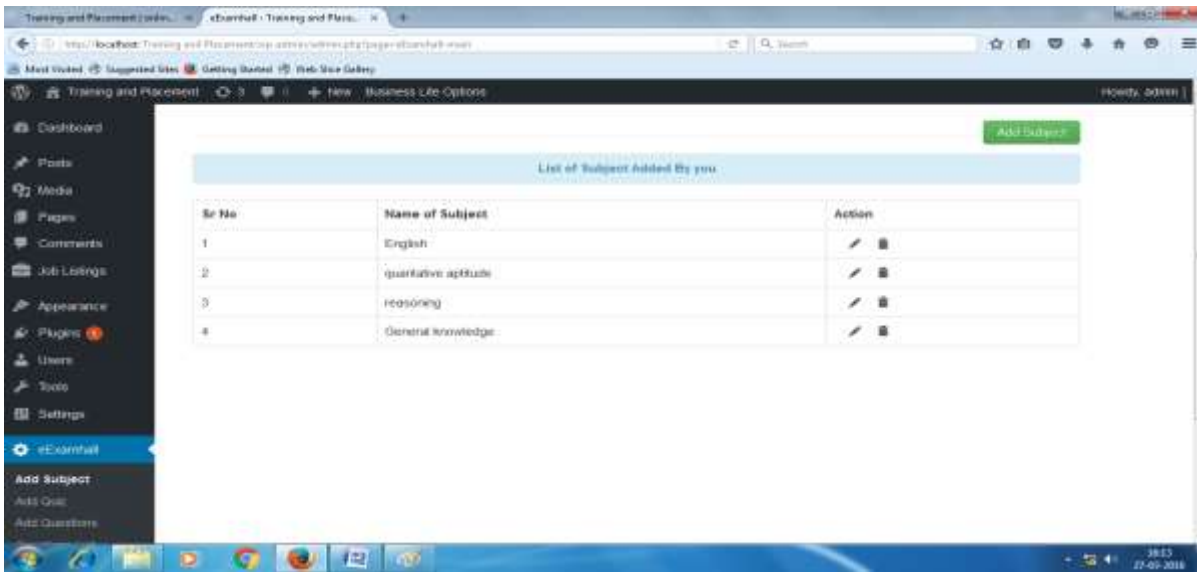
In the Placement Officer and Student operations, the coed will register his details and send to the location officer for applying the roles. Then the officer’s post-employment for student weather they'll settle for or decline the task post then they were attending the actual drive [7]. The Training and Placement Cell Officer was conducting the drive those are through for interview publish select list for college students. The colleges were checking the chosen list for drives conducted.



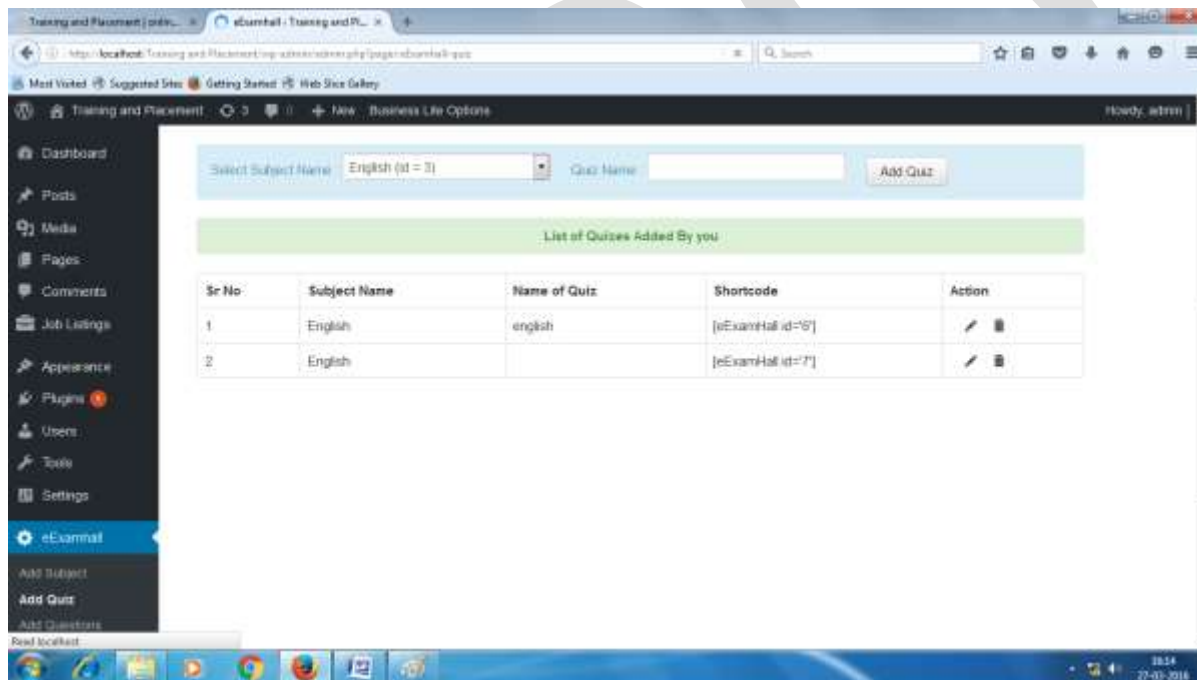
**Fig. 2:** Training and placement/Student operation

**3. RESULTS**

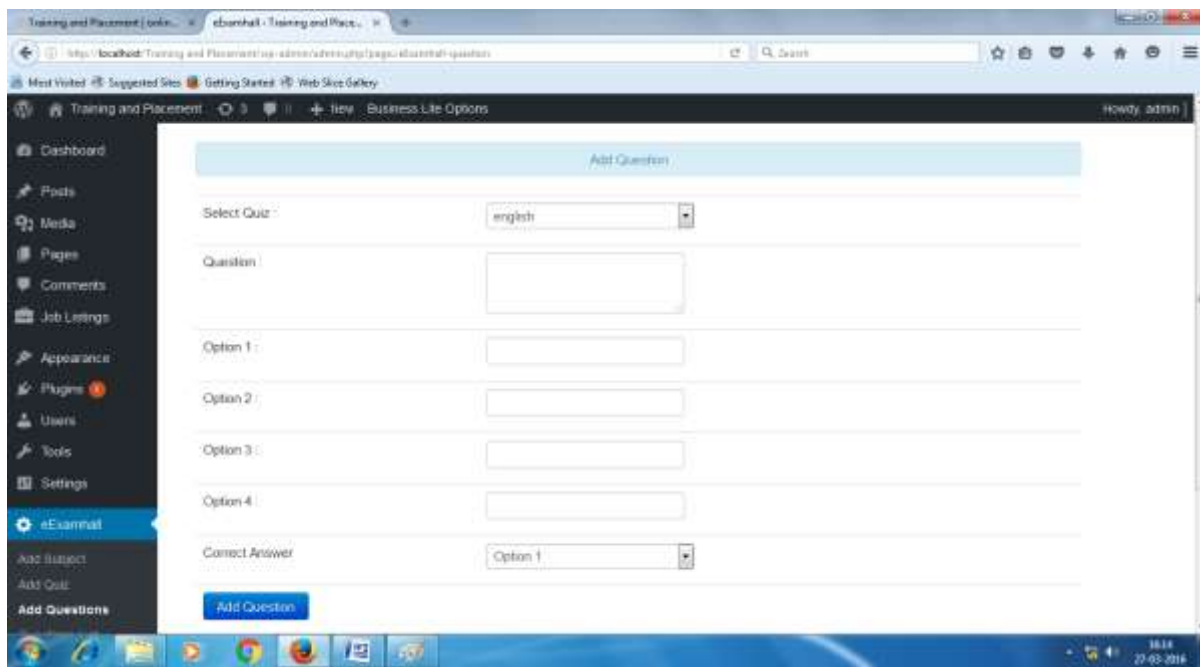
The following screenshots that we designed for Training and Placement Cell are



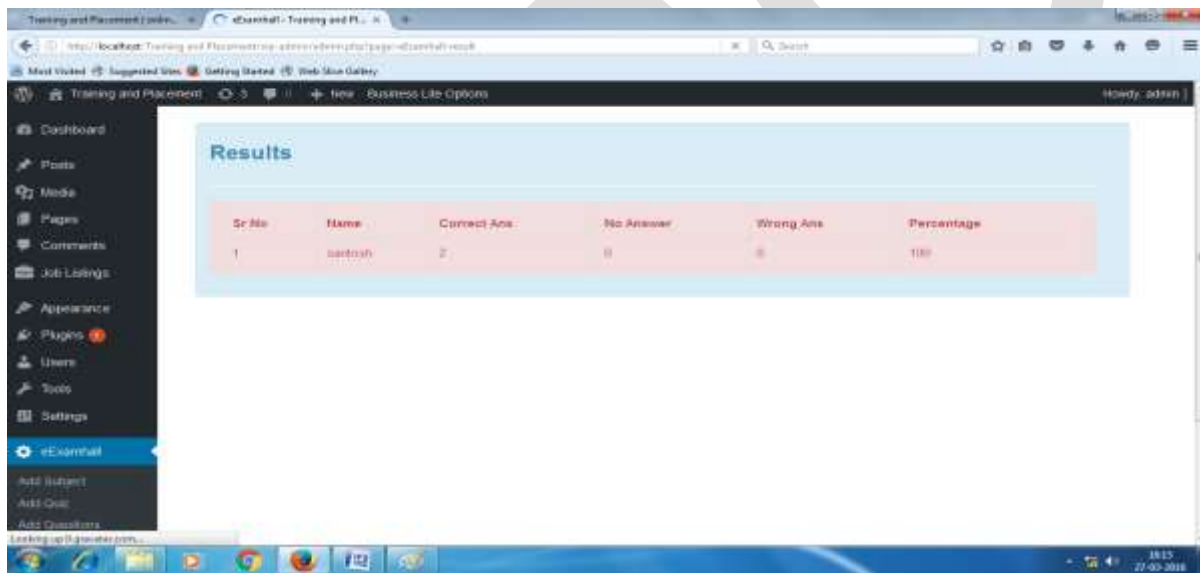
**Fig. 3:** Add Subjects



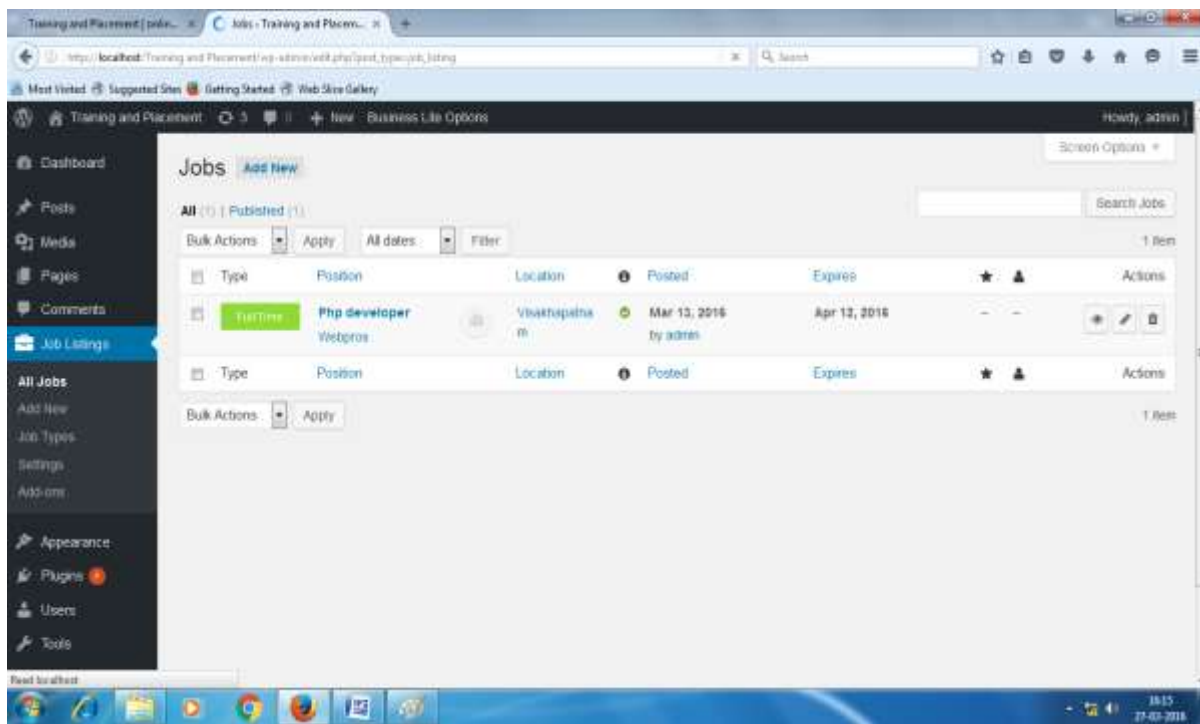
**Fig. 4:** Add Quiz



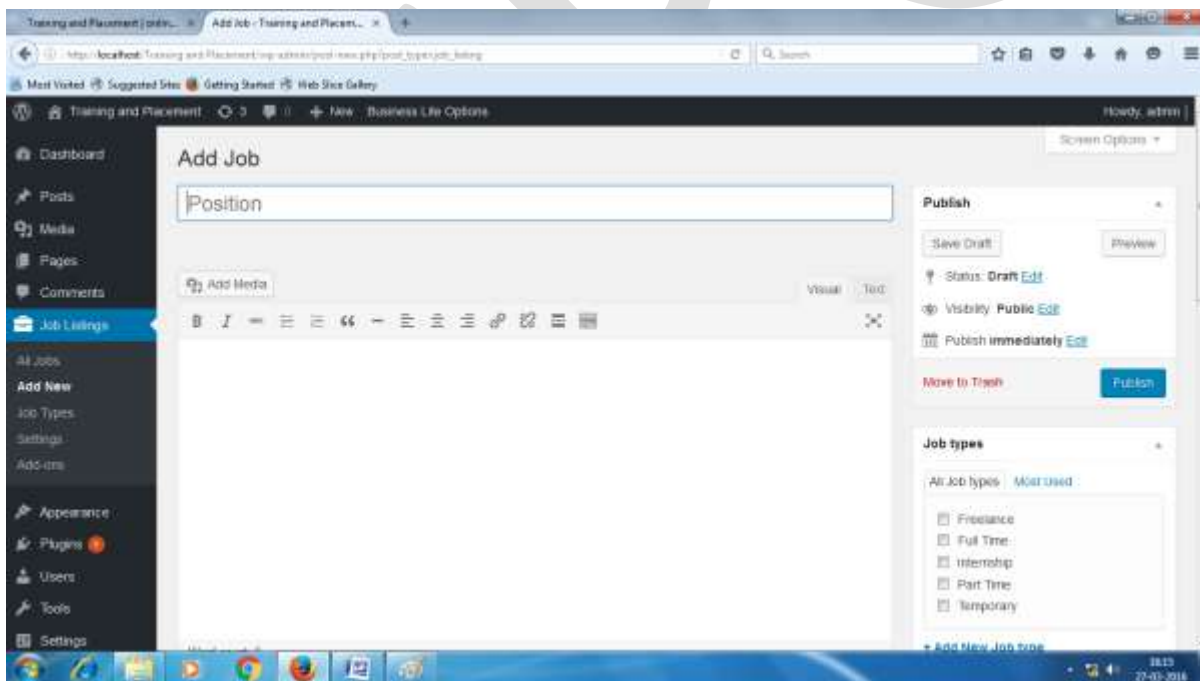
**Fig. 5: Add Questions**



**Fig. 6: Results**



**Fig. 7:** All Jobs



**Fig. 8:** Add Jobs

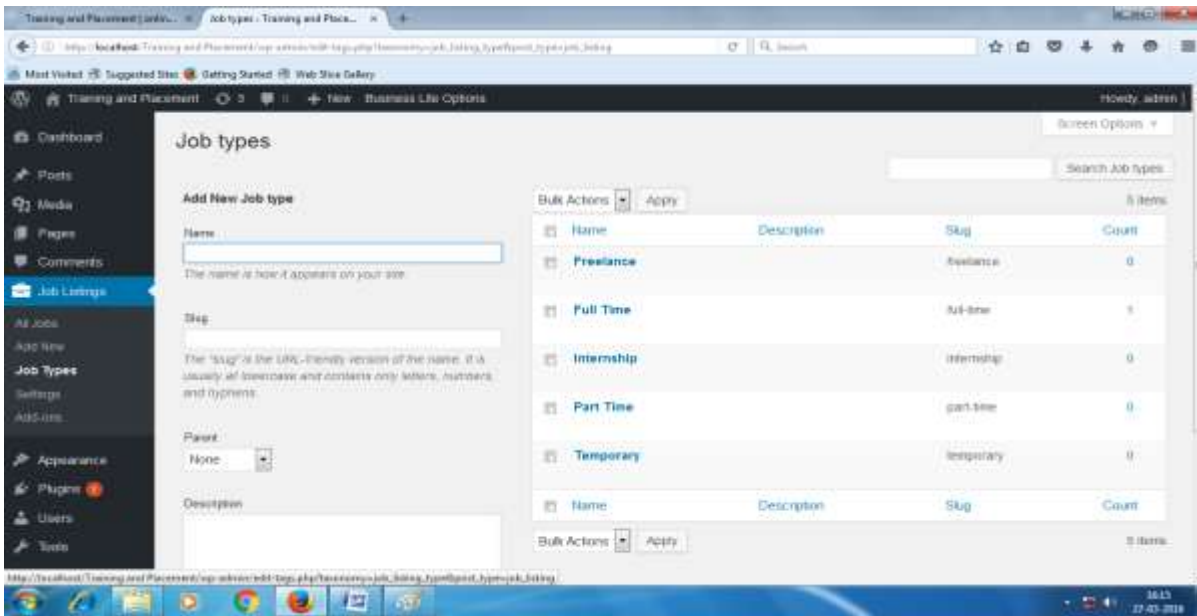


Fig. 9: Job Types

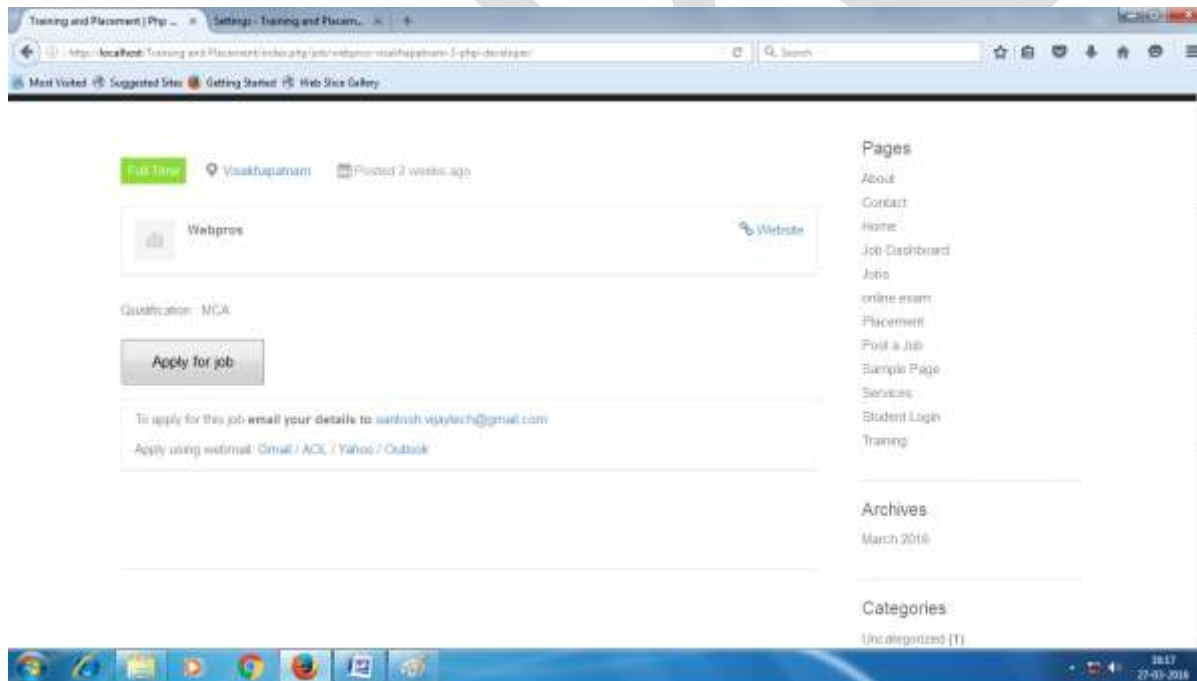


Fig. 10: Apply for Job



**Fig. 11:** Online Exam

#### 4. ACKNOWLEDGMENT

We would like to thank our friends for their cooperation and encouragement besides providing necessary information to complete this paper.

#### 5. CONCLUSION

The industrial web site that designed to produce world category facilities of visited corporations. The coming up with of web site has been tired associate degree interactive manner keeping in mind the comfort of the user. This is useful to the scholars because this consists of following options. This generates reports that offer description details as well as varied numbers of scholars placed in company. This conjointly provides placed student info in step with company.

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