

**CHAPTER - 1**  
**PROJECT PROFILE****1.1 Project Description**

Today, online management in developed countries can be seen in almost all educational organizations, particularly in the universities. However, its growth in developing countries has been slower than that of the developed countries. The reason behind this is the lack of experts and equipment in those countries. In this project, a web-based portal system for a college to manage student was designed and implemented. This project aimed to build a computerized system for the Atmiya Institute Of technology & Science.

The Student Management System (SMS) can be defined in different ways. For example, It is a web based system which manage all day to day operations for any institute which provides one platform by which students and faculties will be linked with each other. The faculties will fill attendance daily and share circular and material and student will see his/her attendance day to day and download the circulars and materials. Both required username and password to access this data. The functionality of such applications are not same and this may reflect in the name adopted by users and vendors.

By another definition, the Student Management System (SMS) is for education establishments to manage student data with efficiency and ease. The database of this application will be maintained and managed by administrator of institute. The goal of maintenance is to keep the system's data up-to-date.

The computerized Student Management System (SMS) core module will replace the manual system currently used in the running of the all the departments for monitoring students and maintain transparency between daily lectures status and students by which students can manage leave, view circular of institute, view material, view attendance and two more important subject wise and lecture wise attendance report.

Next module of Student Management System (SMS) is Training and Placement Cell (T&PC) which is helpful to TPO of institute and also for the authorities person of any company who wishes to recruit student of the institute. T&PC is the module which keep connected to TPO, students and companies. Important reports are company report and selected student company wise report also helpful to make decisions to TPO.

Third module of Student Management System (SMS) is Examination Management System (EMS) which provides facility to the head of department of any branch to create exam and allocate resources for that exam. Moreover, seating arrangement is performed which describes which student will be seat at which place. Later, the marks entry will be done and analysis of students will be displayed in the form of graph. Reports include the class wise seating arrangement report, number of copies of papers report, seating labels report, and student and subject wise analysis report.

Most educational institutions administrators are concerned about student irregular attendance. Absences can affect student overall academic performance. The conventional method of taking attendance by calling names or signing on paper is very time consuming and insecure, hence inefficient. Therefore, computer-Based student attendance management system is required to assist the faculty and the lecturer for this time-consuming process. Moreover by filling attendance day to day will notify students for their current attendance ratio. And other important things such as leave request by which student will request leave and will be approved and circular and material will also helpful to students which will uploaded by respectively subject faculties. For this project, Internet based systematic student management system is developed which provide all the facilities regarding with students, TPO, and examination management all under one roof.

### **Atmiya Student Management System (ASMS)**

College embodies many functional departments. Each has great pile of tasks to accomplish. Since all these departments cannot stand alone, there is need to maintain a centralized management system that can automate and collaborate their tasks. College Management System is a system that can automate various departments of the college and manage its resources well. Although, every department is a separate entity, but they all need to be synchronized for the dependant tasks. This synchronization is achieved by centralizing the college system using a College ERP System. Atmiya Academic Monitoring System (AAMS), our College Management System package provides all the basic and customized solutions for automation of your college. And the part of it, Atmiya Student Management System (ASMS) is designed to maintain all the day to day activities of students to display to them anywhere anytime.

ASMS is integrated software that manages all the functions related to students. With its multiple integrated modules, it caters the need of college departments like student attendance, leave request, training and placement, and examination etc.

#### **1.1.1 Why you need ASMS**

In this age of computer, colleges cannot remain untouched of automation. Your college needs Internet based system to gain the following objectives:

- ❖ Encourage competition in education system in terms of computerized student management to managing the core day to day activities of students of all the departments of the institute to maintain efficient and faster movement of information.
- ❖ To computerize the Student data, training and placement cell data and examination management data.
- ❖ Improve utilization of technology and information systems in academic and administrative processes of institute.

- ❖ To provide interactive bridge between management, students , faculties and companies on single platform.
- ❖ To aid the management with well-structured summarized reports in order to make the decision making process more effective.
- ❖ To access all the necessary data in securely manner without worry about the security of data.

From management perspective, ASMS provides effective ROI (Return on Investment) in terms of cost and time.

### **1.1.2 Overview of Atmiya Student Management System**

- ❖ ASMS is a well recognized and popular and Web-based System for Institute and College.
- ❖ ASMS is a LAN Based/WEB based Solutions which can be integrated with existing systems Modules.
- ❖ ASMS is the best of its type System and is best suited for the working of Institute/College.
- ❖ It is made after extensive study of all the departments like of different Institutes & college and provides with the extract of everything, a Institute requires for their Academic, administration planning & management, and student/staff communication management in securely manner.
- ❖ ASMS is an integrated web application that handles various academic and non academic activities of a College/Academic Institute.
- ❖ ASMS is developed for the online system which can be accessed by every department head, faculties, TPO, students of the institution through internet connected computers or internet enabled mobile devices with the aid of her/his username and password.
- ❖ Every user will have a customized home page with his/her profile management facilities.
- ❖ ASMS provides number of modules which are: Atmiya Student Management System (ASMS) core module, Training and Placement Cell (T&PC) module and Examination Management System (EMS).

### **Atmiya Student Management System (ASMS)**

A dynamic system is achieved by designing an effective administrative module which is AAMS. This module contains interfaces that our controlled by a user role named as Administrator. Thus, the admin module can be termed as control panel of a academic monitoring system.

As the part of AAMS, the Atmiya Student Management System (ASMS) module caters the need for providing interfaces to registered students where head can view information related to academics and other activities of the particular student. Apart from it, examination is helpful to

manage examination seating arrangements and reports will also helpful to head and training and placement cell can be useful for the tpo officer to manage related task.

The student module is a cluster of following sub-modules.

- ❖ **Student** For viewing list of student, also provide add new, update, delete student.
- ❖ **Time Table** For viewing the allocated timetable to students of respective class.
- ❖ **Attendance** For viewing attendance statistics (monthly and daily attendance on subject as well as lecture wise.)
- ❖ **Company** For registration of company who wish to recruit students of institute.
- ❖ **Student** For registration of students who wish to apply for the interview of companies.
- ❖ **Examination** For managing the pre examination and post examination task.
- ❖ **Report** Reports for a student. Can be customized for the institute, topics include
  - Subject wise attendance report for student.
  - Lecture wise attendance report for student.
  - Company wise selected student report for TPO.
  - List of company report for TPO.
  - Resource allocation report for exam.
  - Seating arrangement report for exam.
  - Seating label report for exam.
  - No of copies report for exam.
  - Attendance sheet report for exam.
  - Student marks report for exam.

### 1.1.3 ASMS Modules

- ❖ **ASMS core module**

The module caters the need for providing interfaces to registered students where he or she can access own dashboard by entering username and password and view owns academic records, attendance, circular, material and request leave.

This module provides following functionality :

- Manage profile
- Manage leave

- View remarks
- View circular
- View material
- View attendance
- Contact us
- Subject wise attendance report
- Lecture wise attendance report
- Delete Student

### **❖ T&PC module**

This module is used for training and placement officer (TPO) of institute and the company who interested in selecting students from campus.

This module provides following functionality to two sides:

#### **Admin:**

- Manage company
- Manage Job
- Available Jobs
- Selected student list

#### **Client:**

- Registration for company
- Registration for students
- View batch wise students for company
- View students
- Search students

### **❖ EMS module**

This module is used for the head of department to create of exam for department and manages all works regarding with it.

This module provides following functionalities:

- Manage resources
- Create exam
- Seating arrangement
- Result management

## **Reports**

This module is used for report generation which is helpful for department head, faculties, TPO and students.

It provides following reports :

- Subject wise attendance report for student.
- Lecture wise attendance report for student.
- Company wise selected student report for TPO.
- List of company report for TPO.
- Resource allocation report for exam.
- Seating arrangement report for exam.
- Seating label report for exam.
- No of copies report for exam.
- Attendance sheet report for exam.
- Student marks report for exam.

## 1.2 System Requirements

The main requirement of this project is to automate the whole system of institute in terms of all the activities of students' TPO's and department heads' point of view using this module.

It is intended to show how the use of it came to solve daily problems in our institute.

- ❖ To develop an automated system for college and students and company that is more effective and efficient with WordPress 3.8 framework.
- ❖ Assisted by the System Development Life Cycle (SDLC) methodology, the system has been built using the web-based applications such as PHP, MySQL and Apache to supply the recording and reporting of the students' day to day attendance, circular, material and leave request, for company to register and manage different rounds for recruitment and for department head, to create exam and manage it.
- ❖ To build the graphical interface using WordPress (PHP) and MySQL from Open Source software.
- ❖ NetBeans IDE 7.2 is used for developing the overall system, MySQL as the database and PHP act as the scripting programming language.
- ❖ Internet Based Systematic Student Management System was built using open source software and it will reduce the cost of development process.
- ❖ The system can be easily accessed by the students, heads and companies via the web and most importantly, the reports can be generated in real-time processing, thus, providing valuable information.

### 1.2.1 Hardware Requirements

Minimum hardware requirements in the following table are recommended.

<b>Component</b>	<b>Minimum requirement</b>
CPU	Pentium 4, 3.2GHz
RAM	1 GB
Disk Space	25 MB

**1.2.2 Software Requirements**

Software requirements in the following table are recommended.

<b>Component</b>	<b>Recommended Requirement</b>
Browser	Mozilla Firefox 19 or higher
PHP	5.2.4
MySQL	5.0
Wordpress	3.8.1
Other tools	Adobe Photoshop CS6 Net Beans 7.2 XAMPP 1.7.8

**1.2.3 Network Requirements**

Following network requirements are recommended.

<b>Component</b>	<b>Status</b>
Internet/Intranet Connection	Enabled

## **2.1 About Existing System**

Working of Present System, in the present system all work is done on paper related to student attendance and examination point of view. Student cannot see his/her attendance regularly and cannot measure its current status and leave management is also done on paper. In the sight of examination management, all the management activities are done manually and at the end of each exam manually report was generated. Moreover Training and Placement activities are done mostly on paper. Moreover when new company arrives for campus drive then each and every time all the final year students have to give details and register in all the companies. It is not convenient way to fill the same details each and every time.

## **2.2 Feasibility Study**

The feasibility study is not a full-blown systems study. Rather, the feasibility study is used to gather broad data to make a decision on whether to proceed with system study. System project feasibility is assessed in three principal ways:

- ❖ Economically
- ❖ Technically
- ❖ Operationally

The feasibility study must be highly time-compressed, encompassing several activities in a short span if time.

### **2.2.1 Economically Feasibility**

The system being developed is economic with respect to an institute point of view. It is cost effective in the sense that has eliminated the paper work completely.

The system is also time effective because the calculations are automated which made the work of institute, TPO as well as students. and the result obtained contains minimum errors and are highly accurate as the data is required.

Economical feasibility deals with finding out whether the cost of doing full system study, including the time of the project team members, the estimated cost of hardware and the estimated cost of software or software development are feasible or not.

### **2.2.2 Technical Feasibility**

The technical requirement for the system is economic and it does not use any other additional hardware and software.

### **2.2.3 Behavioral Feasibility**

The system working is quite easy to use and learn due to its simple but attractive interface. User requires no special training for operating the system. However behavioral feasibility is dependent on the humans who will be using the software once and ready for the installation for use.

## **2.3 Limitation of Existing System**

### **❖ Manual control**

All management related to examination and training and placement is done manually so there is greater chance of errors. And they may be chances that student attendance may not fill properly and he/she cannot measure one's status live.

### **❖ Not User Friendly**

The existing system is not user friendly because the retrieval of data is very slow and data is not manage and maintain efficiently.

### **❖ Difficulty in report generating**

We require more calculations to generate the report so it is generated at the end of the term, exam and TPO activities. And the student not gets a single chance to improve their attendance.

### **❖ Lots of paperwork**

Existing system requires lot of paper work. Loss of even a single register/record led to difficult situation because all the papers are needed to generate the reports.

### **❖ Time consuming**

Every work is done manually so we cannot generate report in the middle of the session or as per the requirement because it is very time consuming.

## **2.4 Scope of Proposed System**

The scope of the project is the system on which the software is installed, i.e. the project is developed as a desktop application, and it will work for a particular institute. But later on the project can be modified to operate it online.

The main objective of this project is to automate the whole system of students' attendance registration using AAMS. In addition, this system can help student to know one's live attendance, circular, leave request and material on single dashboard. Apart from this the management work related to examination is also decrease due to atomization of system functionality which will manage all resources and seating arrangement without worry. While considering training and placement activities, company, TPO and students are being connected under one roof.

And most important, all above objectives can be achieved by designing only one system and by controlling this system, all the management will done according to each requirement.

In order to achieve the objective of the project, several scopes have been outlined. The main scope of this project is to verify the regulation for attendance, management of examination and TPO activities. It also includes database, monitoring and interface. The interface is to connect with the database, manage the activities of student according to the regulation, and help students to be regular if attendance displays below accepted level. Other scopes of this project are

- ❖ SMS is implemented as Intranet-Based Software, hence provides secure access to the allowed students of the college only.
- ❖ It also provides access to HOD of the department to manage examination easily.
- ❖ Company who wishes to come for campus drive can also access the T&P Cell module only after verified by TPO.
- ❖ It automates the departments in college so irritate free management is achieved.
- ❖ It provides centralized database to integrate all the functional departments in college for all described activities.
- ❖ It provides easy learning and operations due to user-friendly interfaces.
- ❖ The system is eco-friendly since it follows the concept of paperless management.
- ❖ SMS module is developed for student for easy accessibility of leave, material and circular and to know current status of attendance.
- ❖ Users of this system are administrator, HOD, TPO and students and company.
- ❖ Administrators can update, add or delete students data, view attendance record, and can block the use of the system, add, update and delete examination data and its reports and add, update and delete T&P cell related activities.
- ❖ HOD can add, update and delete examination and view different reports related to it.
- ❖ TPO can approve the company for campus drive, view company details, view jobs details of company and view applied student details and view selected student list.
- ❖ Students can register, view attendance, view circular, view leave request and view or download material.
- ❖ Company can register for campus drive, Add jobs and access student details and pass students to all the rounds of selection.

## **2.5 Features of Proposed System**

- ❖ The system is kept secure by providing unique login credentials to every user of the system ie: Administrator, HOD, TPO and students.
  - ❖ Centralized database for campus wide accessing of information.
  - ❖ Consistent and secured system.
  - ❖ Very effective decision support system (DSS) that helps in timely decision making.
  - ❖ Ensures coordinated workflow between various departments.
  - ❖ Faster and automatic report generation.
  - ❖ Helps in reducing paperwork, manual filling and record keeping.
  - ❖ Interactive between management, department heads, TPO, companies, faculty and students.
  - ❖ Allows better resource management.
  - ❖ Covers almost all working areas of college.
  - ❖ The system makes the searching task easy and quick by providing various search options.
  - ❖ This provides easy reach for college resources to the students, management and faculty.
  - ❖ To SMS with quick and effective decision making, the system has proper interfaces for report generation for tasks in different module.
- 
- ❖ **User Friendly**  
The proposed system is user friendly because the retrieval and storing of data is fast and data is maintained efficiently. Moreover the graphical user interface is provided in the proposed system, which provides user to deal with the system very easily.
  
  - ❖ **Reports are easily generated**  
Reports can be easily generated in the proposed system so user can generate the report as per the requirement or in the middle of the session.
  
  - ❖ **Very less paper work**  
The proposed system requires very less paper work. All the data is feted into the computer immediately and reports can be generated through computers. Moreover work becomes very easy because there is no need to keep data on papers.
  
  - ❖ **Computer operator control**  
Computer operator control will be there so no chance of errors. Moreover storing and retrieving of information is easy. So work can be done speedily and in time.

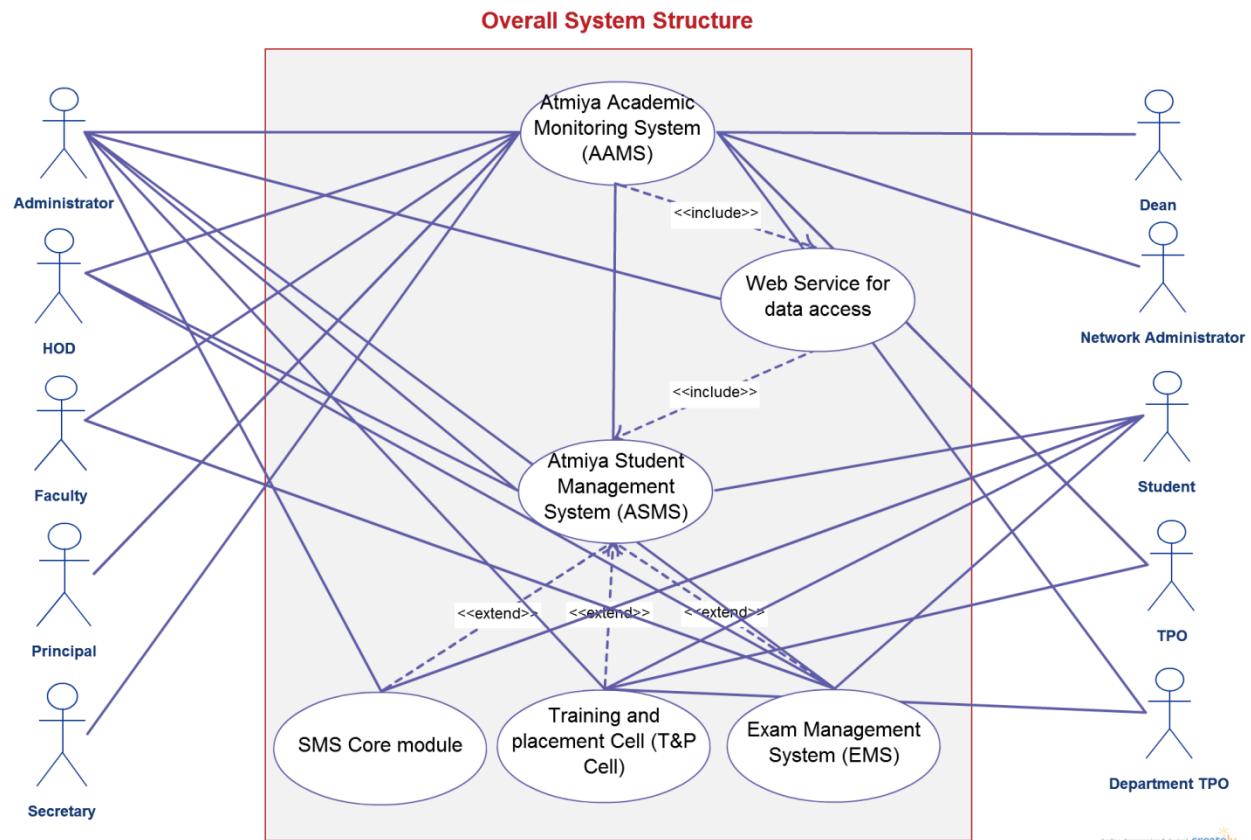
## **2.6 Limitations of Proposed System**

- ❖ Internet connection must require accessing ASMS.
- ❖ This system is proper work when
  - All the faculties can manage or fill attendance in regularly and upload material and circular in online system.
  - All the students can use it and maximum use of it when required.
  - HOD of all departments can maximum use of this system to manage examination and report generation.

- Companies for campus drive being aware about this module and use it.
- TPO will use this system for almost all the Training and Placement related activities.

### 2.7 Use Case Diagrams

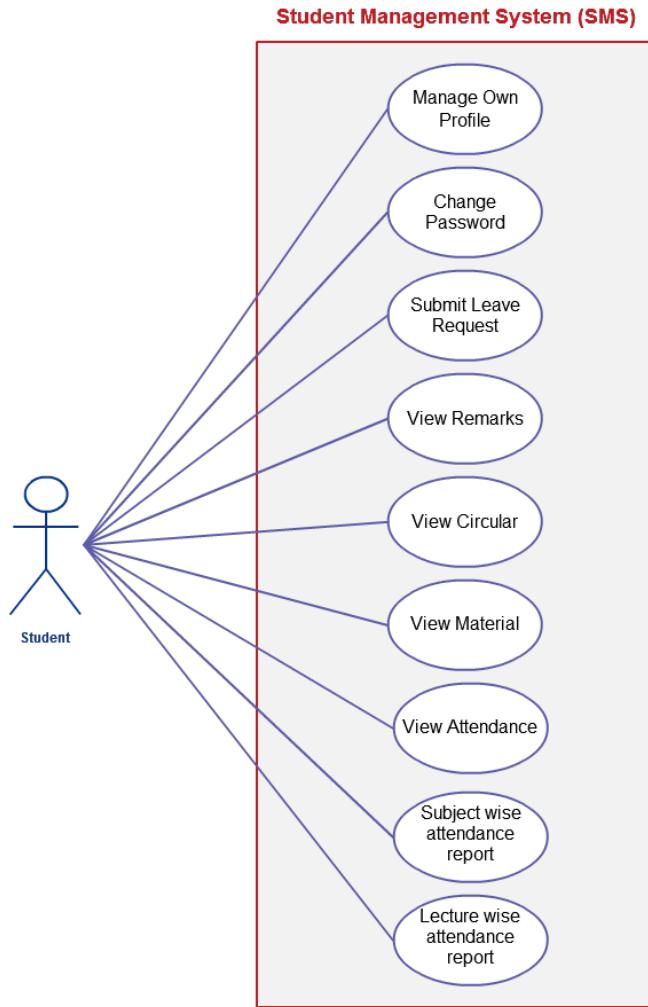
#### 2.7.1 Overall System Structure



Use Case - Overall System Structure

Above is the use case for showing how all the different modules are integrates with each other. The data will be get with the use of web services for the security purpose.

### **2.7.2 Atmiya Student Management system (ASMS) Core Module**

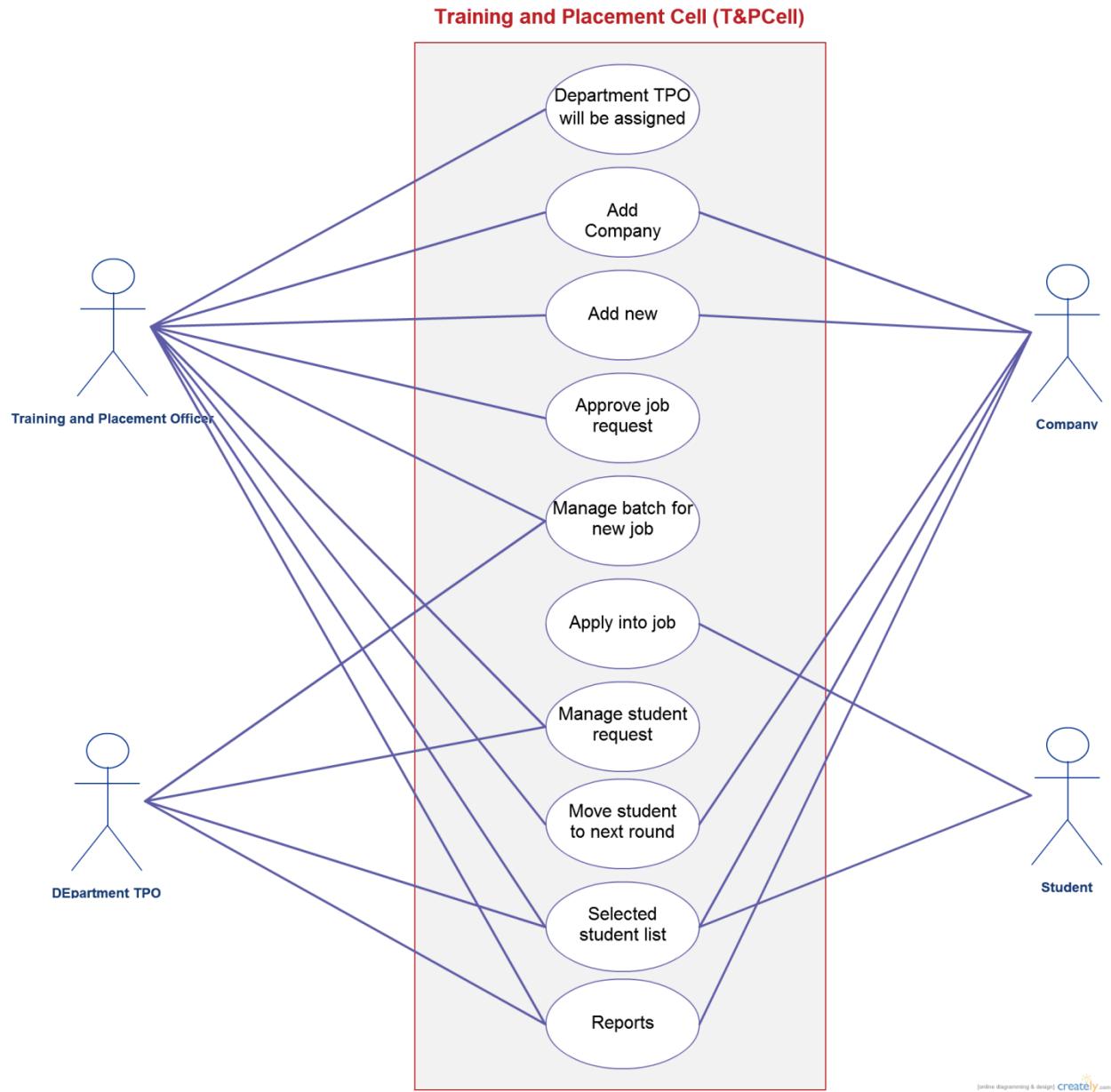


#### ***Use Case - Student Management System (SMS)***

This is the core module – Atmiya Student Management System in which Student can perform different operations like:

Manage profile, change password, submit leave request, view remarks, view circular, view material, view attendance, subject wise and student wise attendance report.

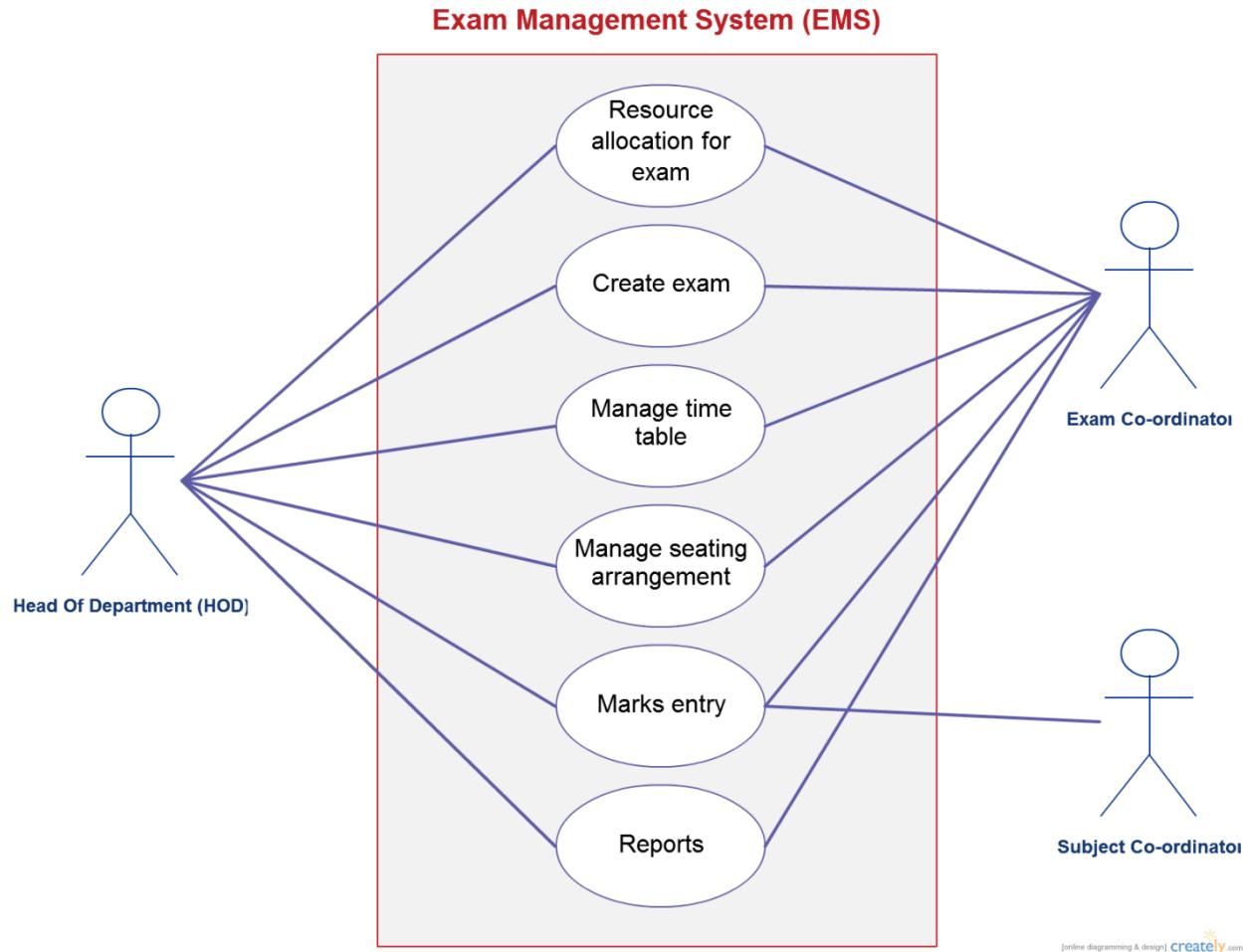
### 2.7.3 Training and Placement Cell (T&P Cell)



#### Use Case - Training and Placement Cell (T&P Cell)

Training and Placement Cell is the system by which four actors i.e.: Training and Placement Officer (TPO), Department TPO co-coordinator, company and Student can perform activities of own.

#### 2.7.4 Exam Management System (EMS)

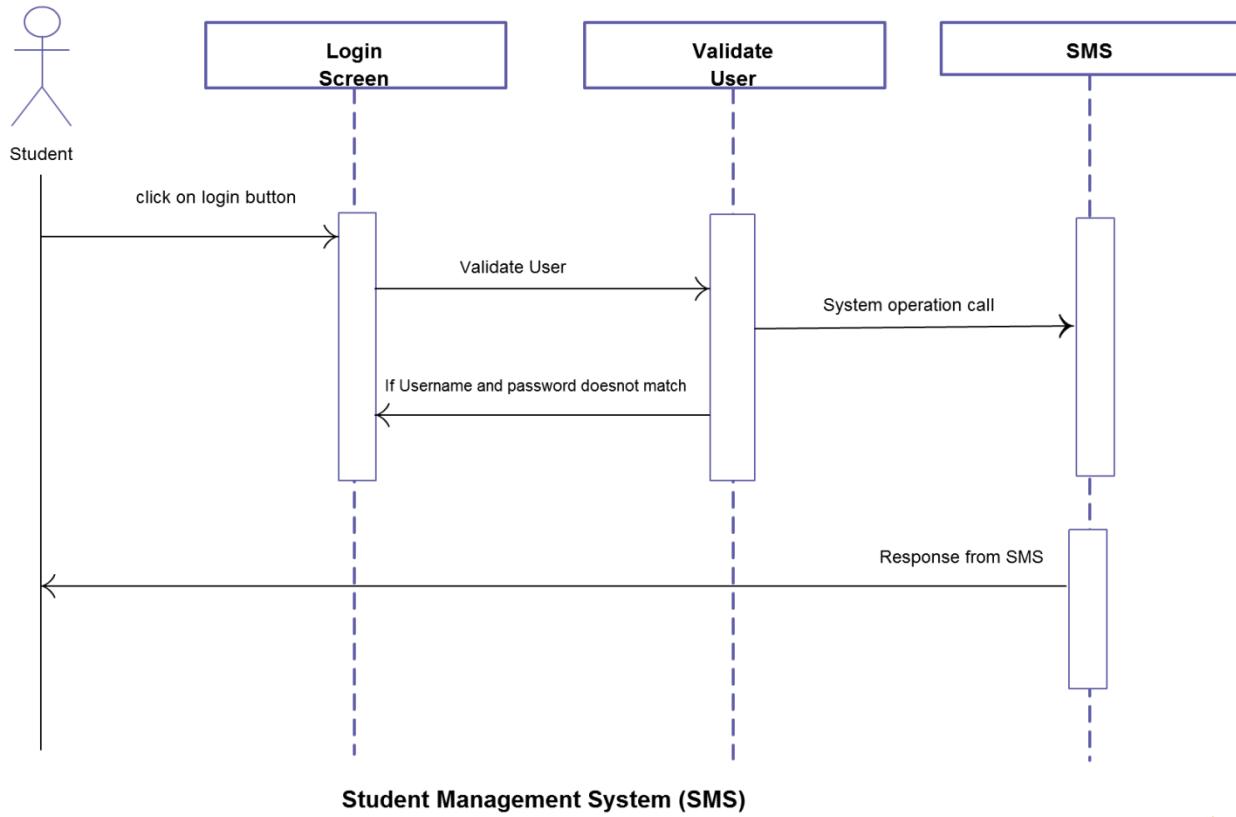


#### *Use Case - Exam Management System (EMS)*

EMS is the system which is useful for HOD or Exam Co-coordinator to create exam, allocate resource, manage time table, perform marks entry and view reports. While Subject co-coordinator also perform marks entry of owns subject.

### 3.1 Sequence Diagram

#### 3.1.1 Student Management System (SMS)

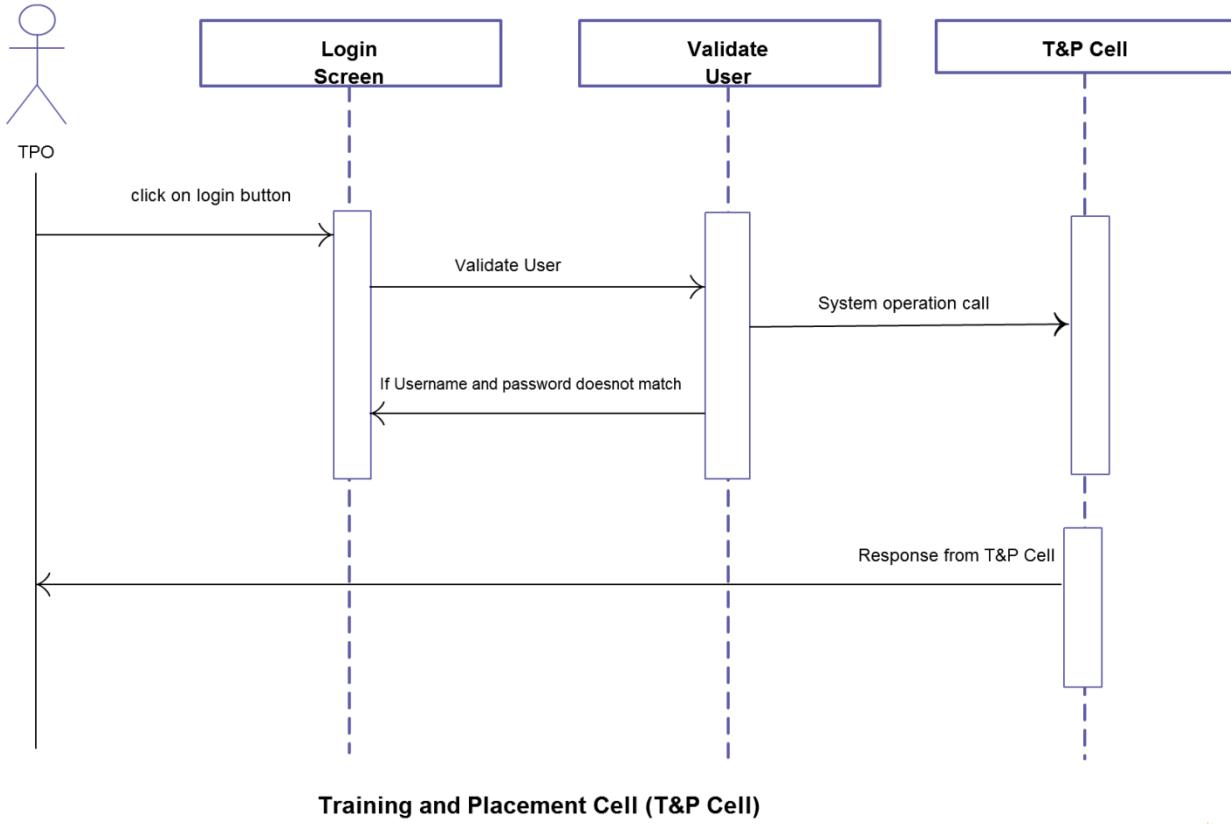


*Sequence Diagram - Student Management System (SMS)*

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Student will first login by entering username and password. If the username and password will match then he/she will be redirected to SMS dashboard.

### 3.1.2 Training and Placement Cell (T&P Cell)

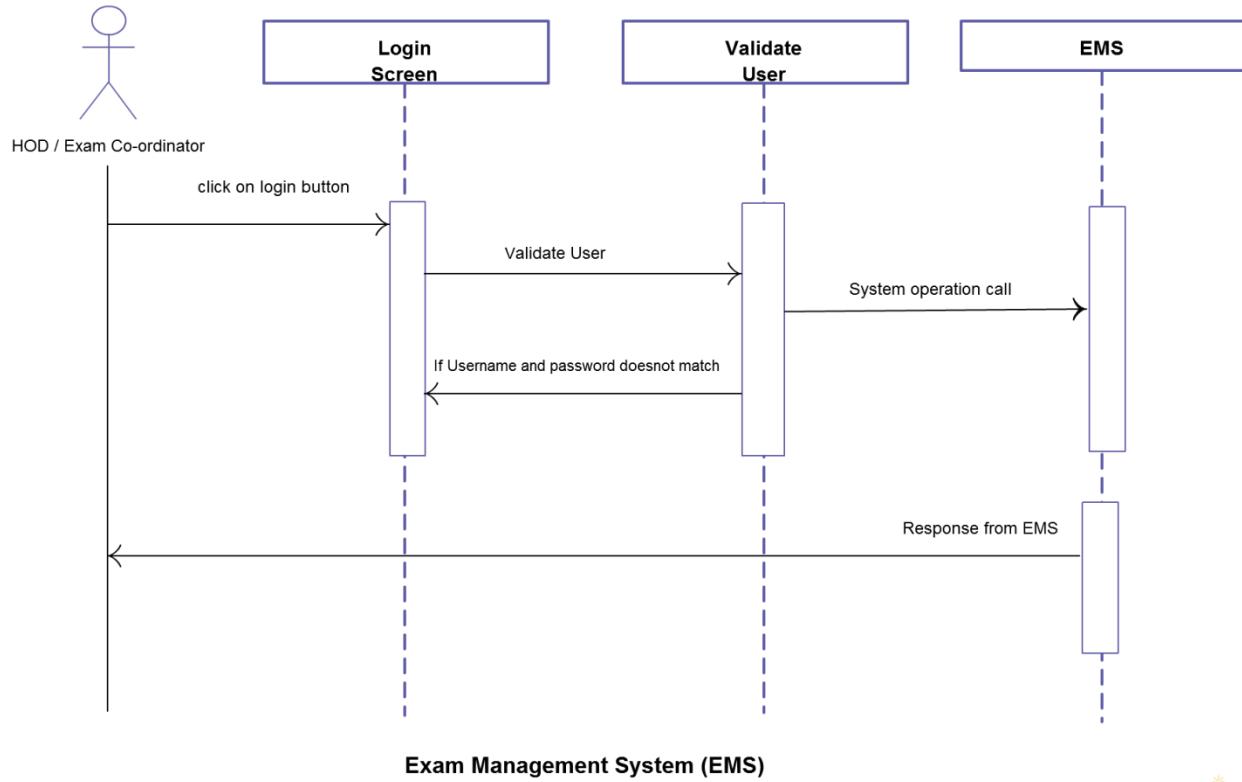


*Sequence Diagram - Training and Placement Cell (T&P Cell)*

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TPO will login through login screen by entering username and password then if authentication successful then TPO will be redirected to TPO dashboard otherwise redirected to login screen again.

### 3.1.3 Exam Management System (EMS)

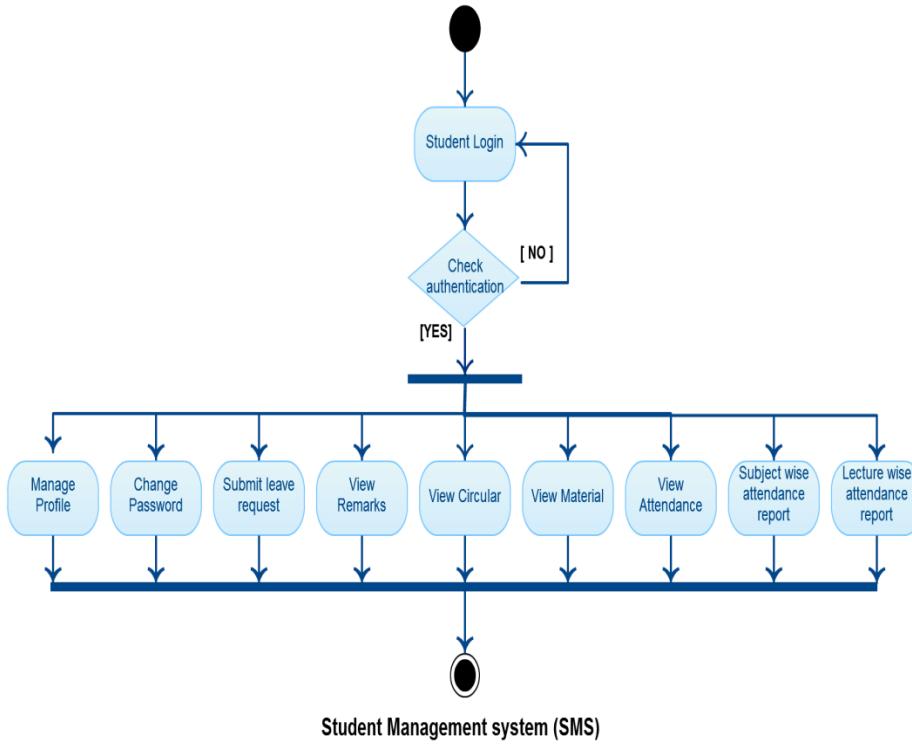


**Sequence Diagram - Exam Management System (EMS)**

HOD or Exam co-coordinator will enter username and password to access EMS; If the username and password will be match then he/she will be redirected to EMS dashboard and access all the functionality. Otherwise he/she will be redirected to login screen again.

### 3.2 Activity Diagram

#### 3.2.1 Atmiya Student Management system (ASMS) Core Module



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**Activity Diagram - Student Management System (SMS)**

For ASMS module, Student will first login through his/her credentials. After the authentication; he/she will perform any from following operations:

Manage profile

Change password

Submit leave request

View remarks

View circular

View material

View attendance

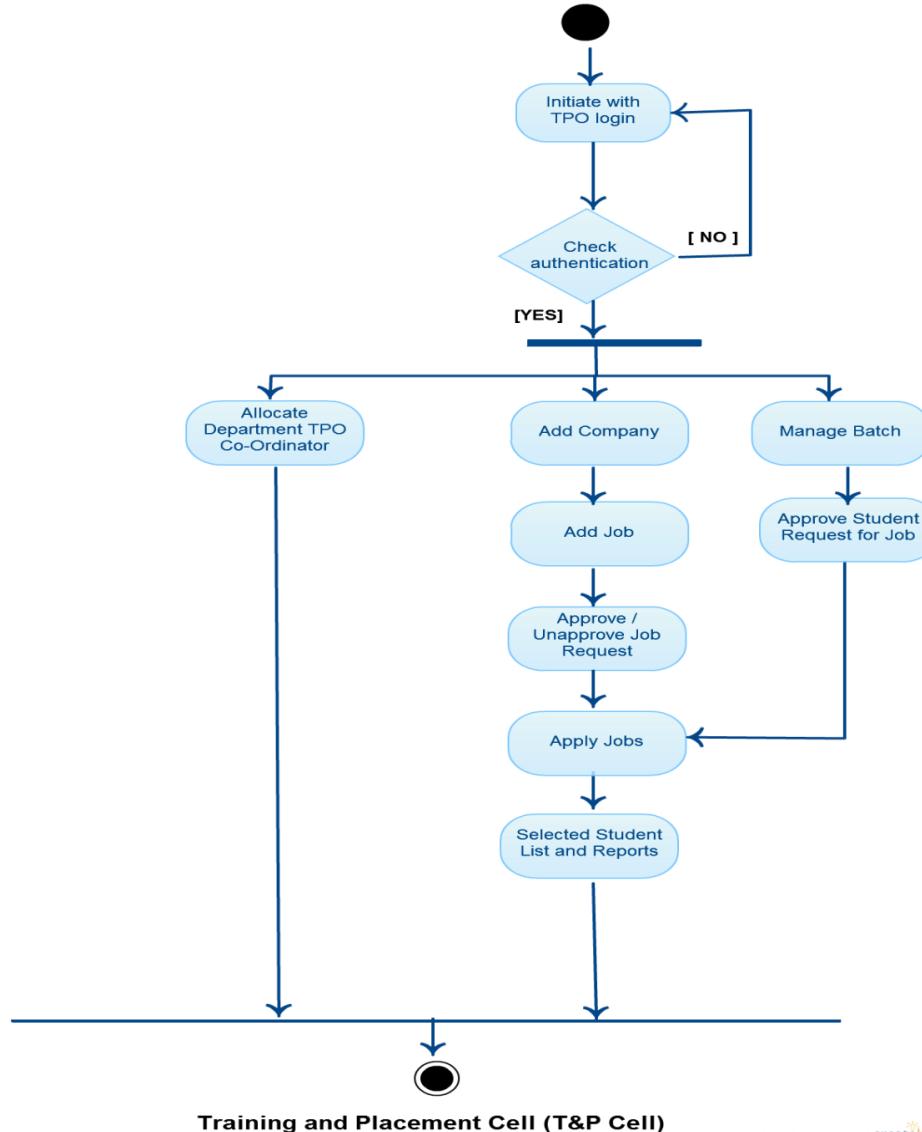
View subject wise attendance report

View lecture wise attendance report

### 3.2.2 Training and Placement Cell (T&P Cell)

Activity diagram for T&P Cell, divided into 3 parts because of each activity has different operations.

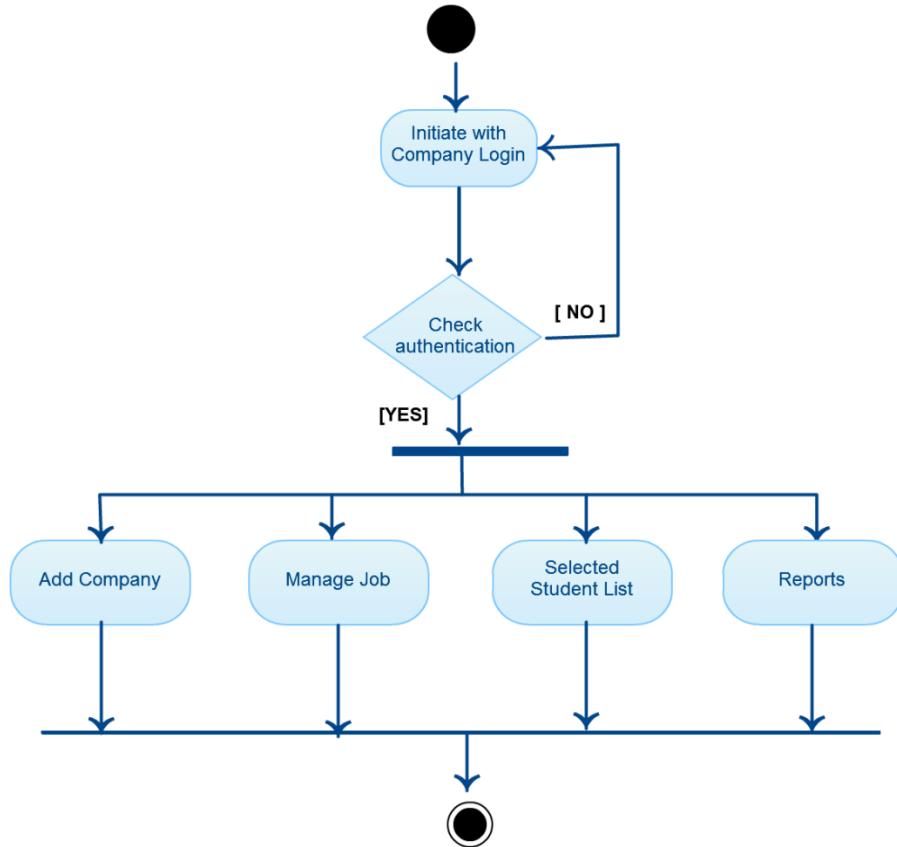
#### 3.2.2.1 TPO



**Activity Diagram - Training and Placement Cell (T&P Cell) - TPO**

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### 3.2.2.2 Company

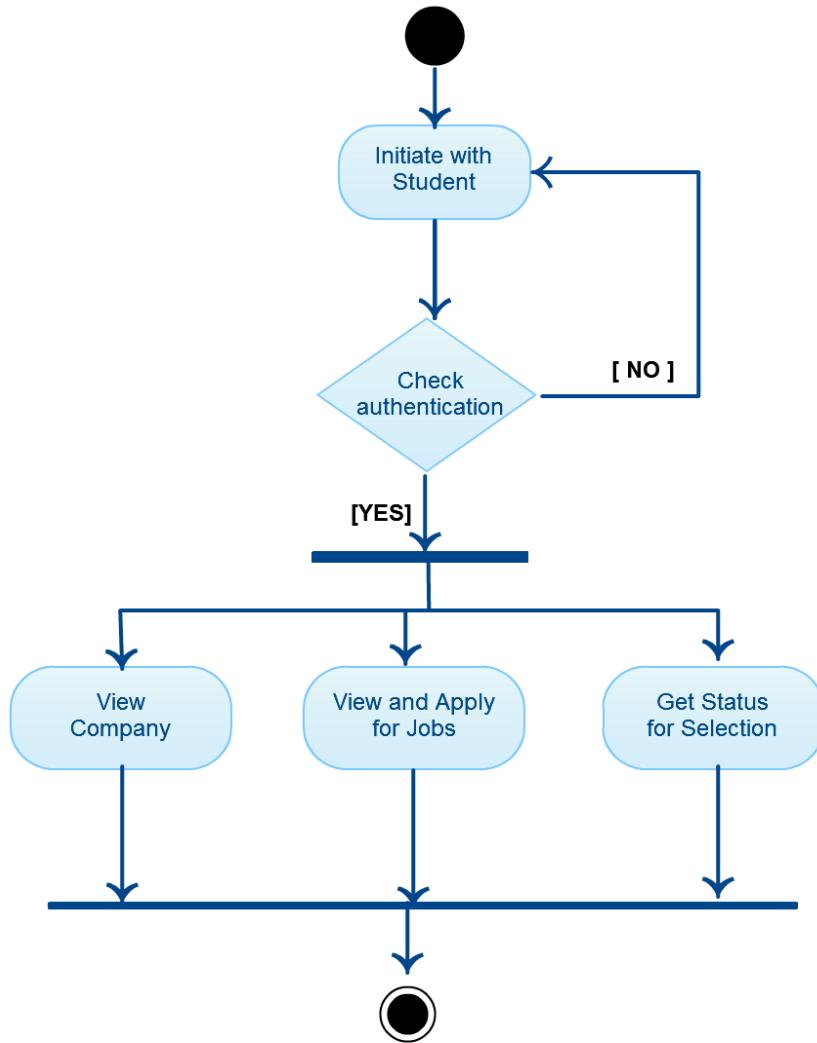


Training and Placement Cell (T&P Cell)

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*Activity Diagram - Training and Placement Cell (T&P Cell) - Company*

### 3.2.2.3 Student

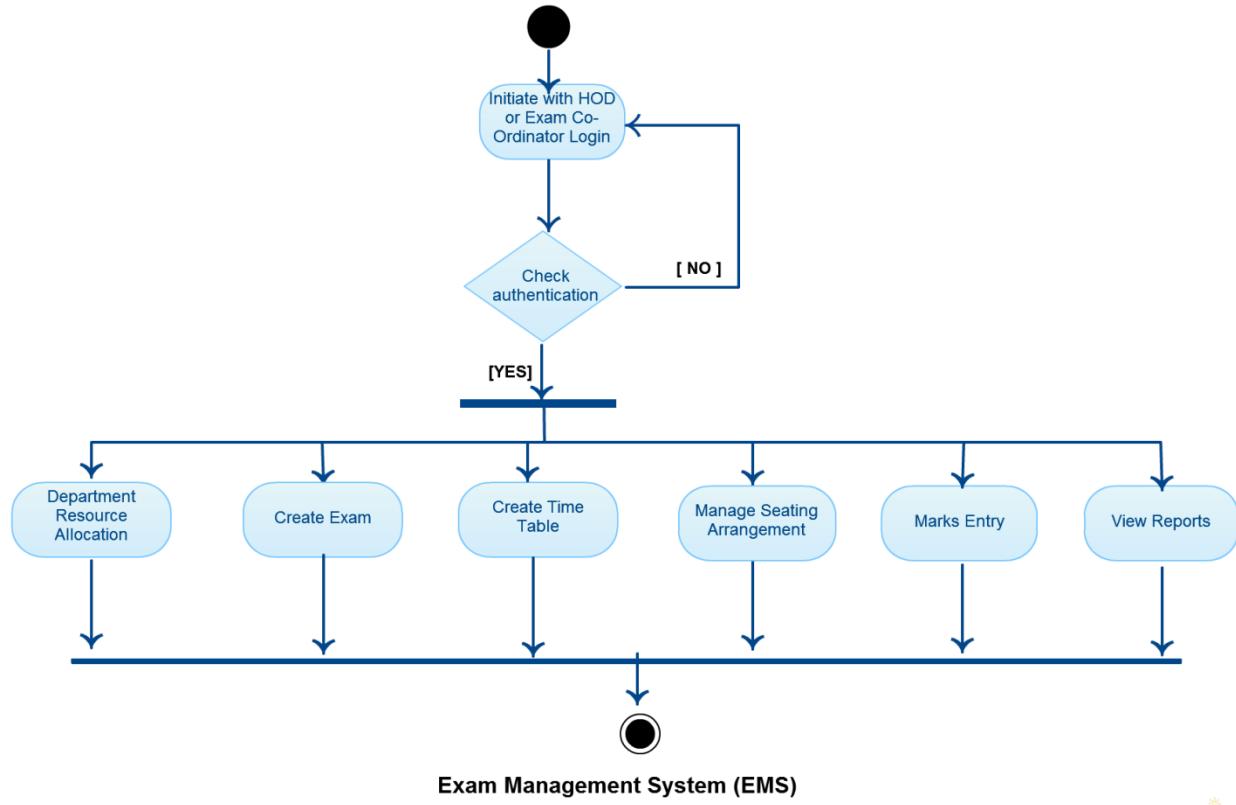


Training and Placement Cell (T&P Cell)

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Activity Diagram - Training and Placement Cell (T&P Cell) - Student

### **3.2.3 Exam Management System (EMS)**



***Activity Diagram - Exam Management System (EMS)***

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In EMS, activity will be started by HOD or Exam Co-coordinator login and after credentials, can be accessed following features of system.

Department resource allocation

Create Exam

Create timetable for exam

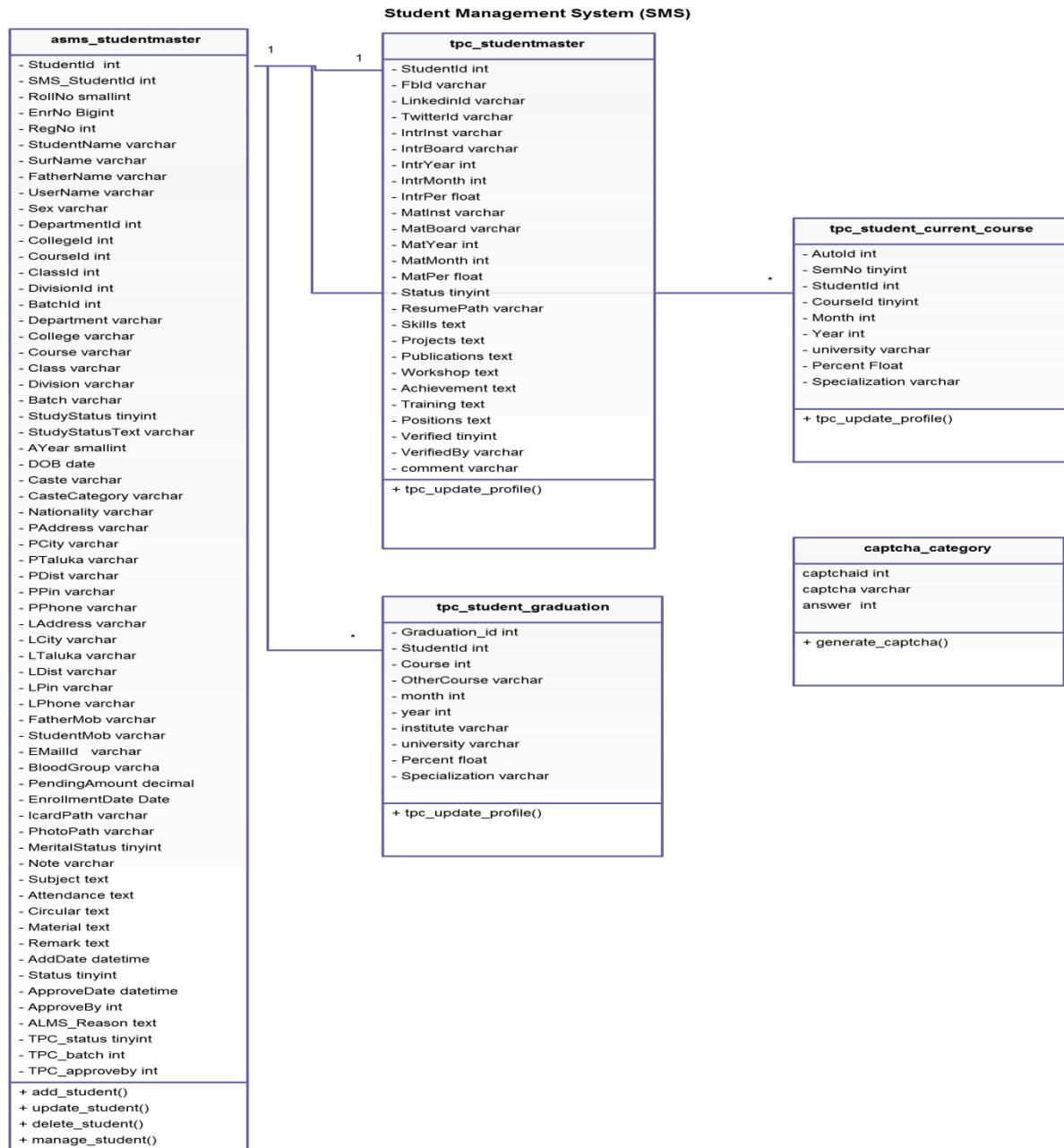
Manage seating arrangement for exam

Marks entry

View reports

### 3.3 Class Diagram

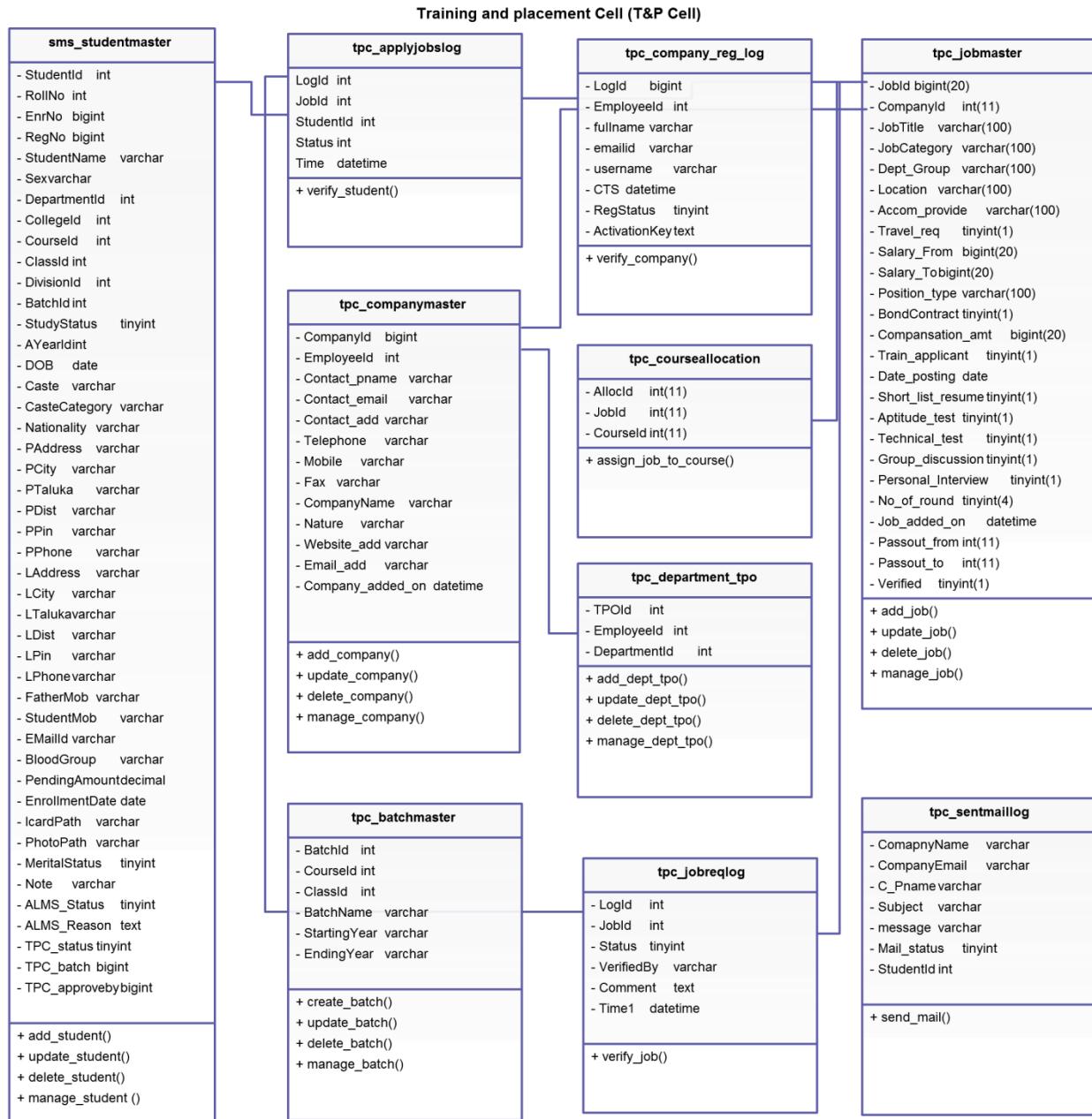
#### 3.3.1 Student Management System (SMS)



*Class Diagram – Student Management System (SMS)*

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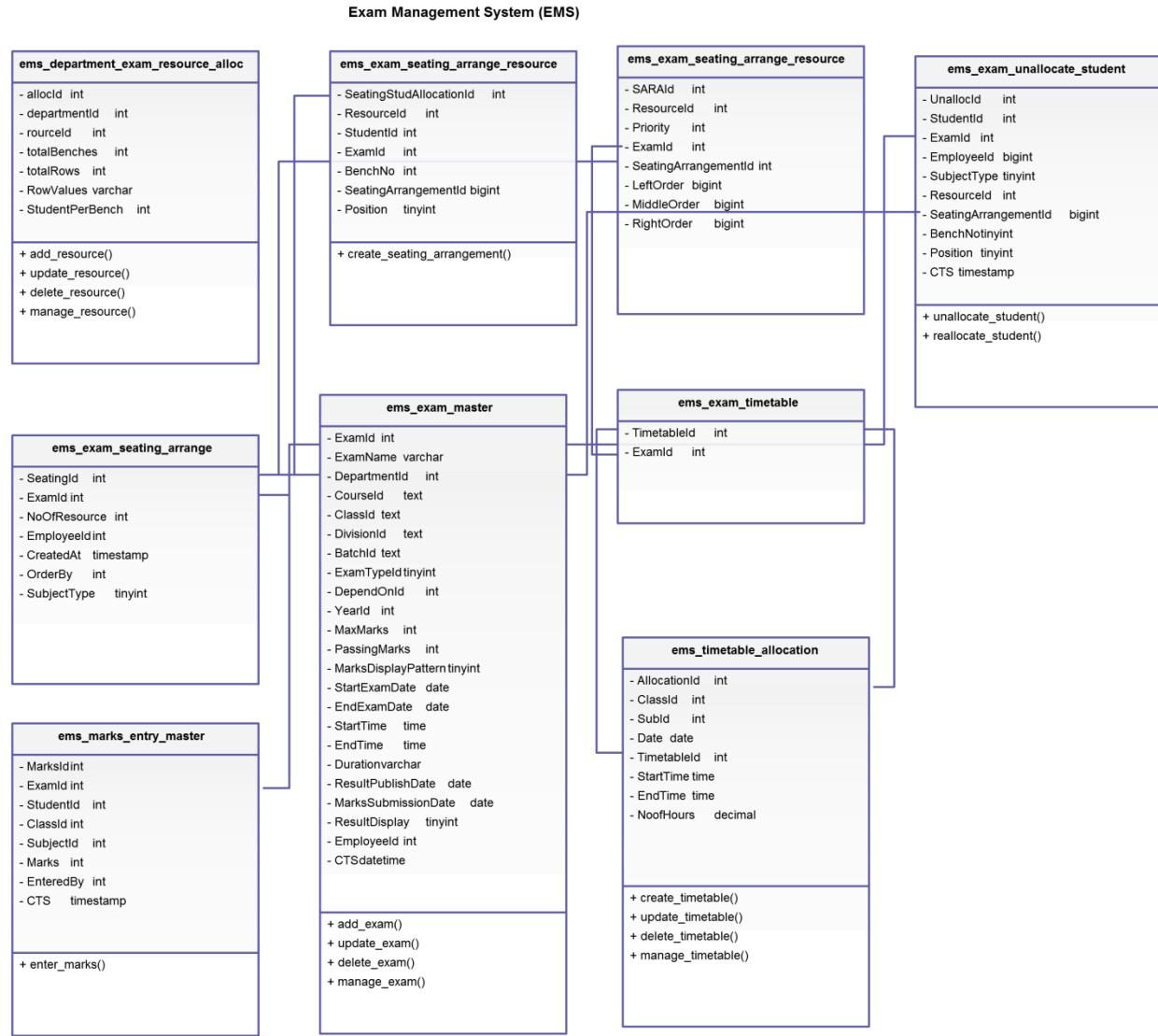
### 3.3.2 Training and Placement Cell (T&P Cell)



**Class Diagram – Training and Placement Cell (T&P Cell)**

(online diagramming & design)

### 3.3.3 Exam Management System (EMS)



**Class Diagram – Exam Management System (EMS)**

### **3.4 Data Dictionary**

#### **3.4.1 Student Management System (SMS)**

##### **3.4.1.1 asms\_studentmaster**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>StudentId</i>	int(11)	No	Primary Key
SMS_StudentId	int(11)	Yes	
RollNo	smallint (6)	No	
EnrNo	bigint(13)	No	
RegNo	int(11)	No	
StudentName	varchar(20)	No	
SurName	varchar(20)	No	
FatherName	varchar(20)	No	
UserName	varchar(20)	No	
Sex	varchar(6)	No	
DepartmentId	int(11)	No	
CollegeId	int(11)	No	
CourseId	int(11)	No	
ClassId	int(11)	No	
DivisionId	int(11)	No	
BatchId	int(11)	No	
Department	varchar(50)	No	
College	varchar(50)	No	
Course	varchar(50)	No	
Class	varchar(50)	No	
Division	varchar(50)	No	
Batch	varchar(50)	No	
StudyStatus	tinyint(1)	No	
StudyStatusText	varchar(50)	No	
AYear	smallint(6)	No	
DOB	date	No	
Caste	varchar(50)	Yes	NULL
CasteCategory	varchar(50)	Yes	NULL
Nationality	varchar(50)	No	
PAddress	varchar(100)	No	
PCity	varchar(50)	No	
PTaluka	varchar(50)	Yes	NULL
PDist	varchar(50)	Yes	NULL
PPin	varchar(20)	Yes	NULL
PPhone	varchar(20)	Yes	NULL
LAddress	varchar(100)	Yes	NULL
LCity	varchar(50)	Yes	NULL
LTaluka	varchar(50)	Yes	NULL
LDist	varchar(50)	Yes	NULL

LPin	varchar(20)	Yes	NULL
LPhone	varchar(20)	Yes	NULL
FatherMob	varchar(10)	Yes	NULL
StudentMob	varchar(10)	Yes	NULL
EMailId	varchar(25)	Yes	NULL
BloodGroup	varchar(5)	Yes	NULL
PendingAmount	decimal(10,2)	Yes	NULL
EnrollmentDate	Date	Yes	NULL
IcardPath	varchar(100)	Yes	NULL
PhotoPath	varchar(100)	Yes	NULL
MeritalStatus	tinyint(1)	Yes	NULL
Note	varchar(100)	Yes	NULL
Subject	text	No	
Attendance	text	Yes	NULL
Circular	text	Yes	NULL
Material	text	No	
Remark	text	No	
AddDate	datetime	Yes	NULL
Status	tinyint(1)	Yes	NULL
ApproveDate	datetime	Yes	NULL
ApproveBy	int(11)	No	
ALMS_Reason	text	No	
TPC_status	tinyint(1)	No	
TPC_batch	int(11)	No	
TPC_approveby	int(11)	No	

#### 3.4.1.2 tpc\_studentmaster

Field	Type	Null	Constraints/Default
<i>StudentId</i>	int(11)	Yes	Foreign Key
FbId	varchar(50)	Yes	NULL
LinkedinId	varchar(50)	Yes	NULL
TwitterId	varchar(50)	Yes	NULL
IntrInst	varchar(50)	Yes	NULL
IntrBoard	varchar(50)	Yes	NULL
IntrYear	int(4)	Yes	NULL
IntrMonth	int(4)	Yes	NULL
IntrPer	float	Yes	NULL
MatInst	varchar(50)	Yes	NULL
MatBoard	varchar(50)	Yes	NULL
MatYear	int(4)	Yes	NULL
MatMonth	int(4)	Yes	NULL
MatPer	float	Yes	NULL
Status	tinyint(1)	Yes	NULL

ResumePath	varchar(50)	Yes	NULL
Skills	text	Yes	NULL
Projects	text	Yes	NULL
Publications	text	Yes	NULL
Workshop	text	Yes	NULL
Achievement	text	Yes	NULL
Training	text	Yes	NULL
Positions	text	Yes	NULL
Verified	tinyint(1)	Yes	NULL
VerifiedBy	varchar(20)	Yes	NULL
comment	varchar(100)	Yes	NULL

#### **3.4.1.3 tpc\_student\_current\_course**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>AutoId</i>	int(11)	No	Primary Key
SemNo	tinyint(1)	Yes	NULL
StudentId	int(11)	No	
CourseId	tinyint(1)	Yes	NULL
Month	int(4)	Yes	NULL
Year	int(11)	Yes	NULL
university	varchar(50)	Yes	NULL
Percent	Float	Yes	NULL
Specialization	varchar(50)	Yes	NULL

#### **3.4.1.4 tpc\_student\_graduation**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>Graduation_id</i>	int(11)	No	Primary Key
StudentId	int(11)	No	
Course	int(4)	Yes	NULL
OtherCourse	varchar(50)	Yes	NULL
month	int(4)	Yes	NULL
year	int(11)	Yes	NULL
institute	varchar(50)	Yes	NULL
university	varchar(50)	Yes	NULL
Percent	float	Yes	NULL
Specialization	varchar(50)	Yes	NULL

### 3.4.1.5 captcha\_category

Field	Type	Null	Constraints/Default
<i>captcha_id</i>	int(11)	No	Primary Key
captcha	varchar(100)	No	
answer	int(11)	No	

### 3.4.1.6 atmiya\_options

Field	Type	Null	Constraints/Default
<i>option_id</i>	bigint(20)	No	Primary Key
<b>option_name</b>	varchar(64)	No	Unique Key
option_value	longtext	No	
autoload	varchar(20)	No	yes

### 3.4.1.7 atmiya\_posts

Field	Type	Null	Constraints/Default
<b>ID</b>	bigint(20)	No	Primary Key
post_author	bigint(20)	No	0
post_date	datetime	No	0000-00-00 00:00:00
post_date_gmt	datetime	No	0000-00-00 00:00:00
post_content	longtext	No	
post_title	text	No	
post_excerpt	text	No	
post_status	varchar(20)	No	publish
comment_status	varchar(20)	No	open
ping_status	varchar(20)	No	open
post_password	varchar(20)	No	
post_name	varchar(100)	No	
to_ping	Text	No	
pinged	Text	No	
post_modified	datetime	No	0000-00-00 00:00:00
post_modified_gmt	datetime	No	0000-00-00 00:00:00
post_content_filtered	longtext	No	
post_parent	bigint	No	0
guid	varchar(100)	No	
menu_order	int(11)	No	0
post_type	varchar(20)	No	post
post_mime_type	varchar(100)	No	
comment_count	bigint	No	0

### **3.4.1.8 atmiya\_usermeta**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>umeta_id</i>	bigint(20)	No	Primary Key
user_id	bigint(20)	No	0
meta_key	varchar(100)	Yes	NULL
meta_value	Longtext	Yes	NULL

### **3.4.1.9 atmiya\_users**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>ID</i>	Bigint	No	Primary Key
user_login	varchar(60)	No	
user_pass	varchar(30)	No	
user_nicename	varchar(30)	No	
user_email	varchar(30)	No	
user_url	varchar(50)	No	
user_registered	datetime	No	0000-00-00 00:00:00
user_activation_key	varchar(50)	No	
user_status	int(11)	No	0
display_name	varchar(50)	No	

## **3.4.2 Training & Placement Cell (T&P Cell)**

### **3.4.2.1 sms\_studentmaster**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>StudentId</i>	int(11)	No	Primary Key
RollNo	int(11)	No	
<b>EnrNo</b>	int(12)	No	Composite Key
<b>RegNo</b>	int(12)	No	
<b>StudentName</b>	varchar(50)	No	
Sex	varchar(6)	No	
DepartmentId	int(11)	No	
CollegeId	int(11)	No	
CourseId	int(11)	No	
ClassId	int(11)	No	
DivisionId	int(11)	No	
BatchId	int(11)	No	

StudyStatus	tinyint(1)	No	
AYearId	int(11)	No	
DOB	date	No	
Caste	varchar(50)	Yes	NULL
CasteCategory	varchar(50)	Yes	NULL
Nationality	varchar(50)	No	
PAddress	varchar(100)	No	
PCity	varchar(50)	No	
PTaluka	varchar(50)	Yes	NULL
PDist	varchar(50)	Yes	NULL
PPin	varchar(50)	Yes	NULL
PPhone	varchar(50)	Yes	NULL
LAddress	varchar(100)	Yes	NULL
LCity	varchar(50)	Yes	NULL
LTaluka	varchar(50)	Yes	NULL
LDist	varchar(50)	Yes	NULL
LPin	varchar(50)	Yes	NULL
LPhone	varchar(50)	Yes	NULL
FatherMob	varchar(20)	Yes	NULL
StudentMob	varchar(20)	Yes	NULL
EMailId	varchar(50)	Yes	NULL
BloodGroup	varchar(10)	Yes	NULL
PendingAmount	decimal(18,2)	Yes	NULL
EnrollmentDate	date	Yes	NULL
IcardPath	varchar(100)	Yes	NULL
PhotoPath	varchar(100)	Yes	NULL
MeritalStatus	tinyint(1)	Yes	NULL
Note	varchar(100)	No	
ALMS_Status	tinyint(1)	No	
ALMS_Reason	text	No	
TPC_status	tinyint(1)	No	
TPC_batch	bigint(20)	No	
TPC_approveby	bigint(20)	No	

### 3.4.2.2 tpc\_applyjobslog

Field	Type	Null	Constrains/Default
<b>LogId</b>	int(11)	No	Primary Key
JobId	int(11)	No	
StudentId	int(11)	No	
Status	int(11)	No	
Time	datetime	Yes	NULL

### 3.4.2.3 tpc\_batchmaster

Field	Type	Null	Constrains/Default
<b>BatchId</b>	int(11)	No	Primary Key
CourseId	int(11)	No	
<b>ClassId</b>	int(11)	No	Composite Key
<b>BatchName</b>	varchar(50)	No	
StartingYear	varchar(10)	Yes	NULL
EndingYear	varchar(10)	Yes	NULL

### 3.4.2.4 tpc\_companymaster

Field	Type	Null	Constrains/Default
<b>CompanyId</b>	bigint(20)	No	Primary Key
EmployeeId	int(11)	No	
Contact_pname	varchar(100)	Yes	NULL
Contact_email	varchar(50)	Yes	NULL
Contact_add	varchar(500)	Yes	NULL
Telephone	varchar(20)	Yes	NULL
Mobile	varchar(100)	Yes	NULL
Fax	varchar(100)	Yes	NULL
<b>CompanyName</b>	varchar(50)	Yes	Unique Key
Nature	varchar(50)	Yes	NULL
Website_add	varchar(100)	Yes	NULL
Email_add	varchar(100)	Yes	NULL
Company_added_on	datetime	Yes	NULL

### 3.4.2.5 tpc\_company\_reg\_log

Field	Type	Null	Constrains/Default
<b>LogId</b>	bigint(20)	No	Primary Key
EmployeeId	int(11)	No	
fullname	varchar(100)	Yes	NULL
emailid	varchar(50)	Yes	NULL
username	varchar(50)	Yes	NULL
CTS	datetime	Yes	NULL
RegStatus	tinyint(1)	Yes	NULL
ActivationKey	text	Yes	NULL

### **3.4.2.6 tpc\_courseallocation**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constraints/Default</b>
<i>AllocId</i>	int(11)	No	Primary Key
JobId	int(11)	No	
CourseId	int(11)	No	

### **3.4.2.7 tpc\_department\_tpo**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constraints/Default</b>
<i>TPOId</i>	int(11)	No	Primary Key
EmployeeId	int(11)	No	
DepartmentId	int(11)	No	

### **3.4.2.8 tpc\_jobmaster**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constraints/Default</b>
<i>JobId</i>	bigint	No	Primary Key
CompanyId	int(11)	No	
JobTitle	varchar(100)	Yes	NULL
JobCategory	varchar(100)	Yes	NULL
Dept_Group	varchar(100)	Yes	NULL
Location	varchar(100)	Yes	NULL
Accom_provide	varchar(100)	Yes	NULL
Travel_req	tinyint(1)	Yes	NULL
Salary_From	bigint(20)	Yes	NULL
Salary_To	bigint(20)	Yes	NULL
Position_type	varchar(100)	Yes	NULL
BondContract	tinyint(1)	Yes	NULL
Compansation_amt	bigint	Yes	NULL
Train_applicant	tinyint(1)	Yes	NULL
Date_posting	date	Yes	NULL
Short_list_resume	tinyint(1)	Yes	NULL
Aptitude_test	tinyint(1)	Yes	NULL
Technical_test	tinyint(1)	Yes	NULL
Group_discussion	tinyint(1)	Yes	NULL
Personal_Interview	tinyint(1)	Yes	NULL
No_of_round	tinyint(4)	Yes	NULL
Job_added_on	datetime	Yes	NULL

Passout_from	int(11)	Yes	NULL
Passout_to	int(11)	Yes	NULL
Verified	tinyint(1)	Yes	NULL
VerifiedBy	varchar(20)	Yes	NULL
comment	varchar(100)	Yes	NULL
date_reg_open	datetime	Yes	NULL
date_reg_close	datetime	Yes	NULL
JobFor	tinyint(4)	Yes	NULL
ApplyStatus	tinyint(4)	Yes	NULL
ApplyUrl	varchar(100)	Yes	NULL
SpecialInstruction	text	Yes	NULL
Stipend	tinyint(1)	Yes	NULL
StipendAmount	bigint(20)	Yes	NULL
TrainingDuration	tinyint(1)	Yes	NULL
MatPer	float	No	
IntrPer	float	No	
GradPer	float	No	
CurrentPer	float	No	

#### 3.4.2.9 tpc\_jobreqlog

Field	Type	Null	Constraints/Default
<b>LogId</b>	int(11)	No	Primary Key
JobId	int(11)	No	
Status	tinyint(1)	Yes	NULL
VerifiedBy	varchar(20)	Yes	NULL
Comment	text	Yes	NULL
Time1	datetime	Yes	NULL

#### 3.4.2.10 tpc\_sentmaillog

Field	Type	Null	Constraints/Default
ComapnyName	varchar(100)	Yes	NULL
CompanyEmail	varchar(50)	Yes	NULL
C_Pname	varchar(100)	Yes	NULL
Subject	varchar(80)	Yes	NULL
message	varchar(50)	Yes	NULL
Mail_status	tinyint(1)	Yes	NULL
StudentId	int(11)	No	

### **3.4.3 Exam Management System (EMS)**

#### **3.4.3.1 ems\_department\_exam\_resource\_alloc**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<b>AllocId</b>	int(11)	No	Primary Key
<b>DepartmentId</b>	int(11)	No	Composite Key
<b>ResourceId</b>	int(11)	No	
TotalBenches	int(11)	Yes	NULL
TotalRows	int(11)	Yes	NULL
RowValues	varchar(50)	Yes	NULL
StudentPerBench	int(11)	Yes	NULL

#### **3.4.3.2 ems\_exam\_master**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<b>ExamId</b>	int(11)	No	Primary Key
ExamName	varchar(50)	No	
DepartmentId	int(11)	No	
CourseId	text	No	
ClassId	text	No	
DivisionId	text	No	
BatchId	text	No	
ExamTypeId	tinyint(1)	No	
DependOnId	int(11)	No	0
YearId	int(11)	No	
MaxMarks	int(11)	No	
PassingMarks	int(11)	No	
MarksDisplayPattern	tinyint(1)	No	
StartExamDate	date	No	
EndExamDate	date	No	
StartTime	time	No	
EndTime	time	No	
Duration	varchar(50)	No	
ResultPublishDate	date	No	
MarksSubmissionDate	date	No	
ResultDisplay	tinyint(1)	No	
EmployeeId	int(11)	No	
CTS	datetime	Yes	NULL

### **3.4.3.3 ems\_exam\_seating\_arrange**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>SeatingId</i>	int(11)	No	Primary Key
ExamId	int(11)	No	
NoOfResource	int(11)	No	
EmployeeId	int(11)	No	
CreatedAt	timestamp	No	CURRENT_TIMESTAMP
OrderBy	int(11)	No	
SubjectType	tinyint(1)	No	

### **3.4.3.4 ems\_exam\_seating\_arrange\_resource**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>SARAId</i>	int(11)	No	Foreign Key
ResourceId	int(11)	No	
Priority	int(11)	No	
ExamId	int(11)	No	
SeatingArrangementId	int(11)	No	
LeftOrder	bigint(20)	No	
MiddleOrder	bigint(20)	No	
RightOrder	bigint(20)	No	

### **3.4.3.5 ems\_exam\_seating\_arrange\_resource**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>SeatingStudAllocationId</i>	int(11)	No	Primary Key
ResourceId	int(11)	No	
StudentId	int(11)	No	
ExamId	int(11)	No	
BenchNo	int(11)	No	
SeatingArrangementId	bigint	No	
Position	tinyint(1)	No	

### **3.4.3.6 ems\_exam\_timetable**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<i>TimetableId</i>	int(11)	No	Primary Key
ExamId	int(11)	No	Foreign Key

### **3.4.3.7 ems\_exam\_unallocate\_student**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<b>UnallocId</b>	int(11)	No	Primary Key
StudentId	int(11)	No	
ExamId	int(11)	No	
EmployeeId	bigint	No	
SubjectType	tinyint(1)	No	
ResourceId	int(11)	No	
SeatingArrangementId	bigint	No	
BenchNo	tinyint(1)	No	
Position	tinyint(1)	No	
CTS	timestamp	No	CURRENT_TIMESTAMP

### **3.4.3.8 ems\_marks\_entry\_master**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<b>MarksId</b>	int(11)	No	Primary Key
<b>ExamId</b>	int(11)	No	Composite Key
<b>StudentId</b>	int(11)	No	
ClassId	int(11)	No	
<b>SubjectId</b>	int(11)	No	Foreign Key
Marks	int(11)	No	
EnteredBy	int(11)	No	
CTS	timestamp	No	CURRENT_TIMESTAMP

### **3.4.3.9 ems\_timetable\_allocation**

<b>Field</b>	<b>Type</b>	<b>Null</b>	<b>Constrains/Default</b>
<b>AllocationId</b>	int(11)	No	Primary Key
ClassId	int(11)	No	
SubId	int(11)	No	
Date	date	No	
TimetableId	int(11)	No	
StartTime	time	No	
EndTime	time	No	
NoofHours	decimal(10,2)	No	

## **CHAPTER - 4**

### **IMPLEMENTATION**

#### **4.1 Implementation Status**

Implementation includes all those activities that take place to convert from the old system to the new. The new system may be totally new, replacing an existing manual or automated system, or it may be a major modification to an existing system.

Basically three aspects of implementation:

- ❖ Training Personnel
- ❖ Conversion Procedures
- ❖ Post Implementation



##### **4.1.1 Training Personnel**

Both system operator and user need training for how they can use the system, and what the system will or will not do. Training must ensure that they are able to handle all possible operations, both routine and extraordinary. Training must also instruct individuals in troubleshooting the system, determining whether a problem that arises is caused by the equipment or software or by something they have done in using the system.

##### **4.1.2 Conversion Procedures**

Conversion is the process of changing from the old system to the new one.

##### **4.1.3 Post Implementation**

After the system is implemented and conversion is complete, a review of the system is usually conducted by users and analyst alike. The review is important to gather information for the maintenance of the system. The post implementation review provides the first source of information for maintenance requirements.

## **4.2 Input Screen**

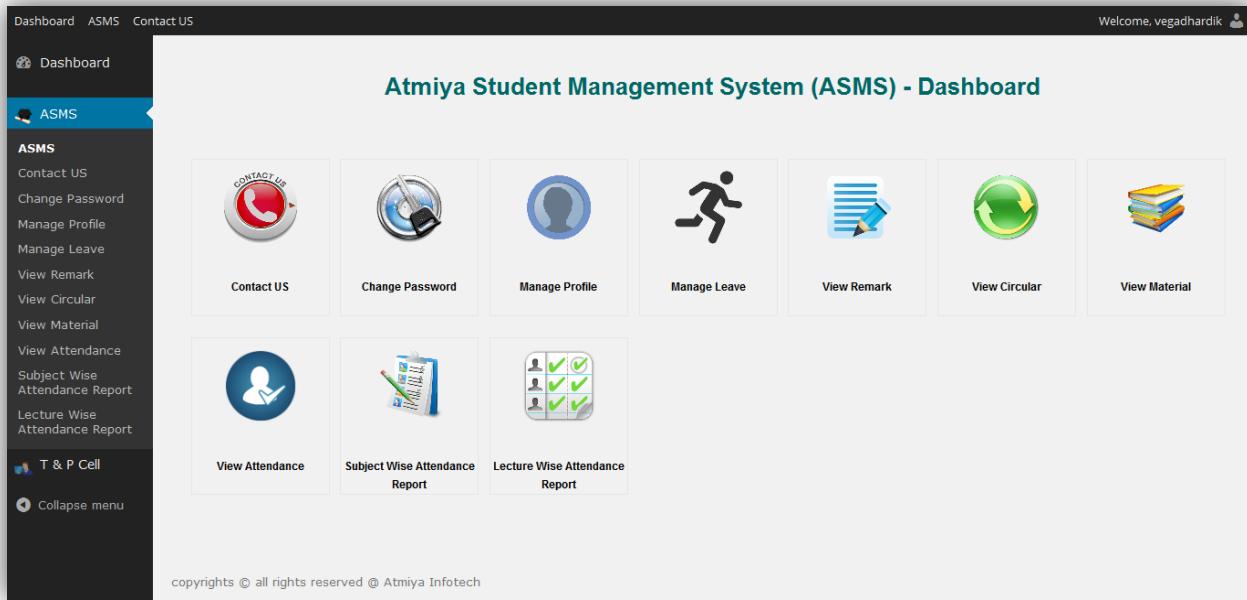
### **4.2.1 Student Management System (SMS)**

#### **4.2.1.1 Authentication Screen**

The screenshot shows the login page of the Atmiya Student Management System. At the top, it says "ATMIYA STUDENT MANAGEMENT SYSTEM". Below that is the logo for "ATMIYA® GROUP OF INSTITUTIONS". The main form is dark grey with white text. It has fields for "Username" (containing "vegadhardik") and "Password" (represented by five dots). There are "Remember Me" and "Log In" buttons at the bottom, with "Log In" being highlighted by a red circle. Below the form are links for "Register" and "Lost your password?".

This is the authentication form for students where he/she enter username and password.

### 4.2.1.2 Student Dashboard



This is the dashboard for students where he/she will redirect if authentication has been done.

### 4.2.1.3 Contact Us

The screenshot shows the 'Contact Us' section of the ASMS. The left sidebar has a 'Contact US' option selected. The main area shows the college's logo and name, and a sub-menu for 'Add Request' with three tabs: 'Add Request', 'On Processing Request', and 'Completed Request'. A red circle highlights the 'Add' button in the 'Add Request' form. Below the form, a message says 'No Any Request Found...'.

This page is useful when student wants to contact for any queries or suggestions.

### 4.2.1.4 Change Password

The screenshot shows the 'Change Password' page of the Atmiya Student Monitoring System (ASMS). The left sidebar has a dark background with white text and icons. It includes links for Dashboard, ASMS, Contact US, ASMS (selected), Change Password, Manage Profile, Manage Leave, View Remark, View Circular, View Material, View Attendance, Subject Wise Attendance Report, Lecture Wise Attendance Report, T & P Cell, and Collapse menu. The main content area has a light gray background. At the top right, it says 'Welcome, vegadhardik' with a user icon. The header features the 'Atmiya Institute of Technology & Science (MCA)' logo and the text 'Atmiya Student Monitoring System (ASMS)'. Below the header, there's a breadcrumb navigation: Home > Change Password. The main title is 'Change Password'. There are two input fields: 'Old Password' with five dots and 'New Password' with five dots. A note next to the 'New Password' field says, 'If you would like to change the password type a new one. Otherwise leave this blank.' Another note below it says, 'Type your new password again.' To the right of the second 'New Password' field is a red box labeled 'Very weak' with a hint: 'Hint: The password should be at least seven characters long. To make it stronger, use upper and lower case letters, numbers and symbols like ! " ? \$ % ^ & ).'. At the bottom is a blue button labeled 'Update Password' which is circled in red.

Change password is useful for the students when he/she wants to change the password for SMS.

### 4.2.1.5 Manage Profile

The screenshot shows the 'View Profile' page of the ASMS. The left sidebar has a dark background with white text and icons. The 'ASMS' icon is highlighted in blue, indicating the current section. Other menu items include Dashboard, ASMS, Contact US, Change Password, Manage Profile, Manage Leave, View Remark, View Circular, View Material, View Attendance, Subject Wise Attendance Report, Lecture Wise Attendance Report, T & P Cell, and Collapse menu. The main content area has a light gray header 'View Profile'. Below it is a table with student information:

Roll No	39
Enrollment No	125420693046
Register No	125420693046
Name	Hardik Jamnadas Vegad
Gender	Male
Department	MCA-Master of Computer Application
College	542-Atmiya Institute of Technology & Science With
Course	MCA-Master of Computer Application
Class	2012-MCA-SEM-4
Division	4D
Batch	B2
Current Status	Active
Admission Year	2012

A small placeholder profile picture is displayed next to the edit link.

Profile page is the complete profile for student and his/her details.

## 4.2.1.6 Manage Leave

Dashboard ASMS Contact US

Welcome, vegadhardik

Dashboard ASMS

ASMS

Contact US

Change Password

Manage Profile

**Manage Leave**

- View Remark
- View Circular
- View Material
- View Attendance
- Subject Wise Attendance Report
- Lecture Wise Attendance Report

T & P Cell

Collapse menu

Atmiya Institute of Technology & Science (MCA) Atmiya Student Monitoring System (ASMS)

Home > Manage Leave

Manage Leave

Add Leave

Date from: 19-05-2014

Date to: 19-05-2014

Next

\* required fields

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Dashboard ASMS Contact US

Welcome, vegadhardik

Dashboard ASMS

ASMS

Contact US

Change Password

Manage Profile

**Manage Leave**

- View Remark
- View Circular
- View Material
- View Attendance
- Subject Wise Attendance Report
- Lecture Wise Attendance Report

T & P Cell

Collapse menu

Atmiya Institute of Technology & Science (MCA) Atmiya Student Monitoring System (ASMS)

Home > Manage Leave

Manage Leave

Add Leave

Reason: Personal Leave

Date: 19-05-2014	Lecture From: 1	Lecture To: 7
------------------	-----------------	---------------

Require Document (only PDF or Word)

Browse... No file selected.

Please approve my leave

Comment: Please approve my leave

Add Leave

\* required fields

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The student who wishes to take leave can easily add leave through this page and send to HOD for approval.

## 4.2.1.7 View Remark

The screenshot shows the Atmiya Student Monitoring System (ASMS) interface. The left sidebar has a dark blue header with 'ASMS' and a gear icon, followed by a list of options: Dashboard, ASMS, Contact US, View Remark (which is highlighted in blue), View Circular, View Material, View Attendance, Subject Wise Attendance Report, Lecture Wise Attendance Report, T & P Cell, and Collapse menu. The main content area has a grey header with the university's logo and name 'Atmiya Institute of Technology & Science (MCA)' and 'Atmiya Student Monitoring System (ASMS)'. Below it, a breadcrumb navigation shows 'Home > View Remark'. A button labeled 'View Remark' is visible. A dropdown menu shows '10 records per page'. A search bar is on the right with placeholder 'Search:'. A table titled 'List of Remarks' is displayed with one row: SR. NO | REMARK | ADDED BY | ADDED ON. The row contains '1 | For Testing Purpose of Students | Mr.Deven J Patel | 04-04-2014'. Below the table, it says 'Showing 1 to 1 of 1 entries' and has navigation buttons for 'Previous', '1', and 'Next'.

This is the page when any notification or information that HOD or other faculty wants to give to any particular student.

### 4.2.1.8 View Circular

The screenshot shows the 'View Circular' page of the Atmiya Student Monitoring System (ASMS). The page has a dark header bar with 'Welcome, vegadhardik' and a user icon. On the left is a vertical sidebar with links: Dashboard, ASMS, Contact US, Dashboard, ASMS, View Circular, View Material, View Attendance, Subject Wise Attendance Report, Lecture Wise Attendance Report, T & P Cell, and Collapse menu. The main content area features the Atmiya Institute of Technology & Science (MCA) logo and the text 'Atmiya Student Monitoring System (ASMS)'. Below this is a breadcrumb navigation: Home > View Circular. A button labeled 'View Circular' is present. A dropdown menu shows '10 records per page'. A search bar is also available. The central part of the page displays a table titled 'List of Circulars' with one entry:

Sr. No	Title	Circular Date	Circular Type	Added On	Updated On
1	Test Circular	22-04-2014	Important	22-04-2014 14:46:30	-

Below the table, it says 'Showing 1 to 1 of 1 entries' and includes navigation buttons for 'Previous', '1', and 'Next'. At the bottom of the page, there is a copyright notice: 'copyrights © all rights reserved @ Atmiya Infotech'.

This is the circular page for the students. Students can see circular and download them when needed.

### 4.2.1.9 View Material

The screenshot shows the 'View Material' section of the ASMS. On the left, a sidebar menu lists various options like Dashboard, ASMS, Contact US, and View Material (which is currently selected). The main content area features the Atmiya Institute of Technology & Science (MCA) logo and the system name. Below this, a breadcrumb navigation shows Home > View Material. A search bar and a dropdown for records per page (set to 10) are also present. The central part of the screen displays a table titled 'List of Uploaded Materials' with two entries:

Sr. No	Title	Description	Download	Material Type	Added On	Updated On
1	test material	test material description	-	Assignment	08-05-2014 12:35:56	-
2	summer exam paper collection	summer exam paper collection	<a href="#">Download</a>	Exam Paper	11-03-2014 15:04:32	29-03-2014 13:00:23

Below the table, it says 'Showing 1 to 2 of 2 entries'. At the bottom, there are navigation links for Previous, Next, and a page number '1'. The footer contains the copyright notice 'copyrights © all rights reserved @ Atmiya Infotech'.

This is the page for the students by which every student can see material of his/her oen's batch and semester which are uploaded by faculties.

### 4.2.1.10 View Attendance

The screenshot shows the ASMS interface. On the left is a dark sidebar with white text and icons. The main area has a header with the college logo and name, followed by a breadcrumb trail and search fields. Below is a table titled 'List of Attendance' with data for 31 entries. At the bottom are navigation links and a copyright notice.

Dashboard ASMS Contact US

Welcome, vegadhardik

Dashboard

**ASMS**

Contact US  
Change Password  
Manage Profile  
Manage Leave  
View Remark  
View Circular  
View Material  
View Attendance  
Subject Wise Attendance Report  
Lecture Wise Attendance Report

T & P Cell

Collapse menu

Atmiya Institute of Technology & Science (MCA)

Atmiya Student Monitoring System (ASMS)

Home » View Attendance

View Attendance

10 records per page

Search:

Sr. No	Date	Lecture 1	Lecture 2	Lecture 3	Lecture 4	Lecture 5	Lecture 6	Lecture 7
21	06-04-2014	-	-	-	-	-	-	-
22	05-04-2014	A	A	A	A	P	P	-
23	04-04-2014	P	P	P	-	P	P	-
24	03-04-2014	-	P	P	P	-	-	-
25	02-04-2014	-	-	P	P	-	-	-
26	01-04-2014	P	-	P	-	P	P	-
27	31-03-2014	P	P	-	-	P	P	-
28	30-03-2014	-	-	-	-	-	-	-
29	29-03-2014	P	P	P	P	P	P	-
30	28-03-2014	P	P	P	-	P	P	-

Showing 21 to 30 of 31 entries

[← Previous](#) [1](#) [2](#) [3](#) [4](#) [Next →](#)

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Particular student will see his/her own attendance of last one month from today.

## 4.2.1.11 Subject Wise Attendance Report

The screenshot shows the ASMS interface. The left sidebar has a dark background with white text and icons. It includes links for Dashboard, ASMS, Contact US, ASMS (selected), Change Password, Manage Profile, Manage Leave, View Remark, View Circular, View Material, View Attendance, Subject Wise Attendance Report (selected), Lecture Wise Attendance Report, T & P Cell, and Collapse menu. The main content area has a light gray header with the institute's logo and name: "Atmiya Institute of Technology & Science (MCA)" and "Atmiya Student Monitoring System (ASMS)". Below the header is a breadcrumb navigation: Home > Subject Wise Attendance Report. A button labeled "Subject Wise Attendance Report" is visible. A note below it states: "1) This report indicates the data of last 1 month from today" and "2) Following data is information purpose only, Please take positively." A table displays subject-wise attendance data:

Subject Code	Subject Name	Total	Present	Attendance
2640001	Fundamental of Networking	0	0	-
2640002	Web Technology & Application Development	24	21	87.50 %
2640003	Operations Research	0	0	-
2640004	Management Information Systems	11	10	90.91 %
2640005	Data Warehousing & Data Mining	0	0	-
2640006	Distributed Computing	0	0	-
2640007	Data Compression	0	0	-
2640008	Computer Graphics	0	0	-
2640009	Soft Computing	0	0	-
2640010	Analysis and Design of Algorithms	0	0	-
2640013	Cloud Computing	8	7	87.50 %
2640012	Programming Skills VII (WTAD)	12	12	100.00 %
2640011	Programming Skills - VI (FON)	10	10	100.00 %
SOFT001	SOFT SKILL AND PDP	0	0	-
<b>All Subject Aggregate</b>		65	60	<b>92.31 %</b>

At the bottom of the content area, there is a copyright notice: "copyrights © all rights reserved @ Atmiya Infotech".

Student can see ones subject wise attendance report in percentage and overall aggregate percentage can also be seen in percentage.

### 4.2.1.12 Lecture Wise Attendance Report

The screenshot shows the ASMS interface. The left sidebar has a blue header 'ASMS' and a list of options: Dashboard, ASMS, Contact US, ASMS (selected), Contact US, Change Password, Manage Profile, Manage Leave, View Remark, View Circular, View Material, View Attendance, Subject Wise Attendance Report, Lecture Wise Attendance Report (selected), T & P Cell, and Collapse menu. The main content area has the Atmiya Institute of Technology & Science (MCA) logo and title. Below it, a breadcrumb navigation shows Home > Lecture Wise Attendance Report. A button labeled 'Lecture Wise Attendance Report' is visible. A note at the top says: 1) This report indicates the data of last 1 month from today and 2) Following data is information purpose only, Please take positively. A table below shows attendance details:

Lecture No	Total	Present	Attendance
1	11	10	90.91 %
2	12	11	91.67 %
3	11	10	90.91 %
4	9	7	77.78 %
5	11	11	100.00 %
6	11	11	100.00 %
7	0	0	-
All Lecture Aggregate	65	60	92.31 %

At the bottom, it says 'copyrights © all rights reserved @ Atmiya Infotech'.

Student can also see lecture wise attendance in percentage.

## **4.2.2 Training and Placement Cell (T&P Cell)**

Screens for T&P Cell is divided into main 4 sections.

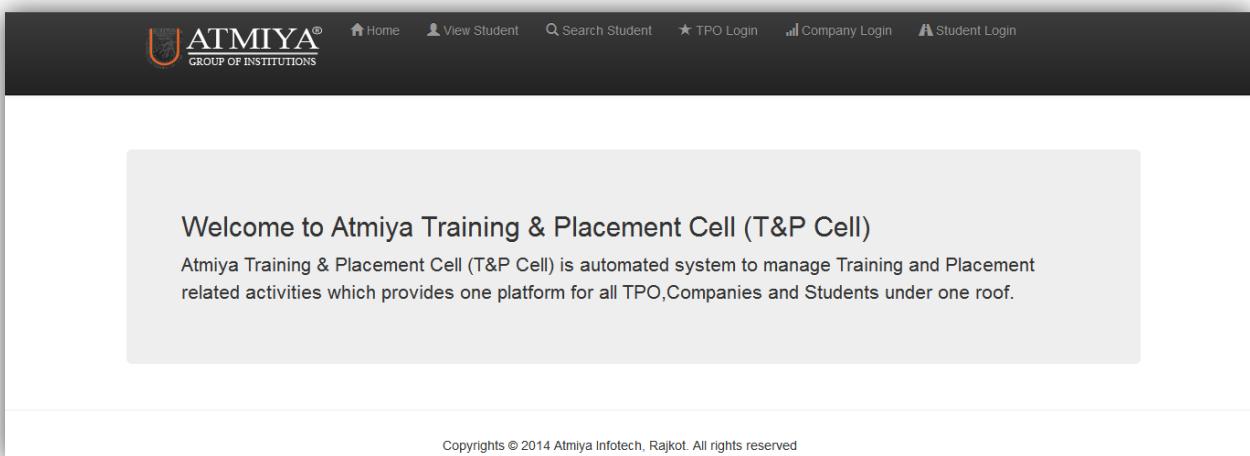
### **4.2.2.1 Main Screen**

#### **4.2.2.2 TPO**

#### **4.2.2.3 Company**

#### **4.2.2.4 Student**

### **4.2.2.1 Main Screen**



This is the main screen for TPO module by which TPO, Company, and Student login will redirect to respective module login.

Moreover, any person can view student details and search student and his/her details.

### **4.2.2.2 TPO Side**

#### **4.2.2.2.1 Authentication Screen**

The screenshot shows the login page of the Atmiya Academic Monitoring System. At the top, a dark header bar displays the text "ATMIYA ACADEMIC MONITORING SYSTEM". Below this, the Atmiya Group of Institutions logo is centered. The main form is a dark rectangular box containing fields for "Username" (with "djpatel" entered) and "Password" (represented by a series of black dots). There is a "Remember Me" checkbox and a blue "Log In" button. A red circle highlights the "Log In" button. At the bottom left of the form, there is a link "Lost your password?".

This is the authentication form for TPO.

### 4.2.2.2 TPO Dashboard

Atmiya Training & Placement Cell (T&P Cell) - Dashboard

Designation

Duty Allocation

Department TPO

Batch Management

New Student Request

Manage Student

Manage Company

Job Management

New Job Request

Selected Student List

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This is the dashboard for TPO, by which TPO can perform different activities.

## 4.2.2.2.3 Manage Department TPO

Switch back to admin (admin).

Atmiya Institute of Technology & Science      Training & Placement Cell (T&P Cell)

[Home](#) > [Manage Department TPO](#) > [Add Department TPO](#)

Change Academic Year : **2013-14 Even ( Current )**

[Manage Department TPO](#) [Add Department TPO](#) [Delete Department TPO](#)

**Add Department TPO**

Department*	MCA (Master of Computer Application)
Faculty*	Deven J Patel ( DJP )
<a href="#">Add Department TPO</a>	

\* required fields

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Switch back to admin (admin).

Atmiya Institute of Technology & Science      Training & Placement Cell (T&P Cell)

[Home](#) > [Manage Department TPO](#)

Change Academic Year : **2013-14 Even ( Current )**

[Manage Department TPO](#) [Add Department TPO](#) [Delete Department TPO](#)

10 records per page      Search:

**List of Department TPO**

SR. NO	DEPARTMENT	EMPLOYEE NAME
1	Master of Computer Application	Deven J Patel

Showing 1 to 1 of 1 entries

← Previous 1 Next →

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By this page TPO can manage department TPO by showing list,add new department TPO or delete existing department TPO.

## 4.2.2.2.4 Manage Student

The screenshot shows the Atmiya Student Management System (ASMS) interface. The left sidebar has a dark background with white text and icons. It includes links for Help (AAMS - SMS), Dashboard, AAMS, SMS, AAMS-Report, SMS-Report, Contact US, Welcome, rashmi.agrawal, and a user icon. The main content area has a light gray background. At the top, there's a banner for 'Atmiya Institute of Technology & Science' and 'Training & Placement Cell (T&P Cell)' with the college logo. Below the banner, the 'Home' and 'Manage Student' links are visible. A dropdown menu shows the current academic year as '2013-14 Even ( Current )'. The 'Manage Student' section contains a 'View Student' form with dropdown menus for 'Course' (Master of Computer Application (MCA)) and 'Batch\*' (MCA-2015-PassOut). Below this, there are buttons for 'records per page' (set to 10) and 'Search'. A table titled 'List of student' displays two entries:

SR. NO.	STUDENT NAME	ENROLLMENT	EMAIL	MOBILE NO.	VIEW
1	Parth Parsottambhai Mori	125420693023	vasani.anand@gmail.com	8460112908	<a href="#">View</a>
1	Hardik Jamnadas Vegad	125420693046	vegadhardik@gmail.com	8866037356	<a href="#">View</a>

Below the table, it says 'Showing 1 to 2 of 2 entries' and has navigation buttons for 'Previous', '1', and 'Next'. The bottom of the page has a footer with a copyright notice: 'copyrights © all rights reserved @ Atmiya Infotech'.

# Atmiya Student Management System (ASMS)

Help ( AAMS - SMS ) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US Welcome, rashmi.agrawal 

 [Dashboard](#)

 [AAMS](#)

 [SMS](#)

 [AAMS Report](#)

 [SMS Report](#)

 [T & P Cell](#)

 [Collapse menu](#)

[Switch back to admin \(admin\).](#)

 Atmiya Institute of Technology & Science      Training & Placement Cell (T&P Cell)

[Home](#) » [New Student Request](#) » [View Student Request](#)

Change Academic Year : [2013-14 Even \( Current \)](#)

[New Student Request](#) [Approved Student Request](#) [Unapproved Student Request](#)

**View Student Profile**

Enrollment Number	125420693023
Registration Number	125420693023
Student Name	Parth Parsottambhai Mori
Course	Master of Computer Application
Division	4D
Batch	B2
Email Id	vasani.anand@gmail.com
Mobile No.	8460112908
Facebook ID	
LinkedIn Id	
Twitter Id	

**Current Course (MCA) Details**

Month & Year of Exam	CPI %	Specialization (if any) %
October-2012	8.1	
May-2012	8.85	
December-2013	8.23	

**Graduation Details**

Course	Month & Year of Exam	Name of Institute	University	CPI %	Specialization (if any) %
4	November-2009	Virani	SU	65	

**12th Details**

Name of Institute	12th Board	Month & Year of Exam	Percentage (%)
H.I.Gandhi Vidyavihar	G.S.fc	October-2005	86

**10th Details**

Name of Institute	12th Board	Month & Year of Exam	Percentage (%)
gdf	fdgdf	October-2005	67

**Other Details**

Software skills	vffq
Key Projects & Seminars	
Publications	
Paper & Workshop	
Achievement	
Industrial Training & Visits	
Positions of Responsibility	

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TPO can manage student by viewing his/her profile and approve or disapprove student request for any new job of any company.

## Atmiya Student Management System (ASMS)

### 4.2.2.2.5 Manage Company

The screenshot shows the 'Add Company' form. It has two main sections: 'Contact Information' and 'Company Information'. In the 'Contact Information' section, fields include 'Search User By' (set to 'Full Name'), 'User' (set to 'anand vasani'), 'Contact Person Name' (set to 'Anand Vasani'), 'Email' (set to 'vasani.anand@gmail.com'), 'Address' (set to 'University Road, Rajkot'), 'Telephone' (set to '02812563226'), and 'Mobile' (set to '9016058615'). In the 'Company Information' section, fields include 'Company Name' (set to 'Atmiya Infotech'), 'Email\*' (set to 'atmiyainfotech@gmail.com'), 'Nature of Business' (set to 'Web Development'), and 'Web Site\*' (set to 'atmiyainfotech.com'). A red circle highlights the 'Add Company' button at the bottom of the page.

The screenshot shows the 'View Company' page. On the left, there is a sidebar with various management options. The main area displays a table titled 'View Company' with columns: SR. NO., COMPANY NAME, NATURE, WEB SITE, EMAIL, CONTACT NAME, CONTACT EMAIL, TELEPHONE, CONTACT NUMBER, FAX NUMBER, and UPDATE. One row is shown for 'Atmiya Infotech' with details: SR. NO. 1, COMPANY NAME 'Atmiya Infotech', NATURE 'Web Development', WEB SITE 'http://atmiyainfotech.com', EMAIL 'aiplais@gmail.com', CONTACT NAME 'Anand Vasani', CONTACT EMAIL 'advasani@aits.edu.in', TELEPHONE '9016058615', CONTACT NUMBER '9016058615', and FAX NUMBER '02812563226'. The 'UPDATE' link is also visible. Below the table, it says 'Showing 1 to 1 of 1 entries'.

TPO can also manage company who has filled the details and interested in placement for the college.

## 4.2.2.2.6 Manage Job

Help ( AAMS - SMS ) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US Welcome, rashmi.agrawal 

[Switch back to admin \(admin\).](#)

**Atmiya Institute of Technology & Science**      **Training & Placement Cell (T&P Cell)**

Home > Manage Job > Add Job      Change Academic Year : **2013-14 Even ( Current )**

[Manage Job](#) [Add Job](#) [Delete Job](#)

**Add Job**

**Job Profile**

Company*	Atmiya Infotech	Job Category*	software
Job Title*	Web Developer	Travel Required	<input checked="" type="checkbox"/>
Department/Group	IT	Accommodation provided	yes
Location	Ahmedabad	Salary Range To(yearly)*	12000
Salary Range From(yearly)*	10000	Date of posting	01-06-2014
Position Type	Trainee	will Train Applicant(s)	<input checked="" type="checkbox"/>
Bond/Service Contract	<input checked="" type="checkbox"/>	Date	50000
if student breaches contract, the compensation he/she will have to pay		Registration Open Date	22-05-2014
		Registration Close Date	25-05-2014
		Apply Through	<input checked="" type="radio"/> Direct Apply <input type="radio"/> Apply Through System
		Job For	<input checked="" type="radio"/> Only Training <input type="radio"/> Only Placement <input type="radio"/> Training & Placement Both
		Provide Stipend During Training	<input checked="" type="radio"/> Yes <input type="radio"/> No    1000
		Duration of Training (in months)	4

**Selection Criteria**

10th (in %)*(leave 0 for no criteria)	60
12th (in %)*(leave 0 for no criteria)	60
Graduation (in %)*(leave 0 for no criteria)	60
Current Course each semester (in CPI)*(leave 0 for no criteria)	6.1

**Selection Process**

<input checked="" type="checkbox"/> Short-listed from resume	<input checked="" type="checkbox"/> Aptitude Test
<input checked="" type="checkbox"/> Technical Test	<input checked="" type="checkbox"/> Group Discussion
<input checked="" type="checkbox"/> Personal Interview	
No. of Rounds*	3
Pass Out Year From*	2014
Pass Out Year To* :	2015

**Interested student Course**

<input type="checkbox"/> UGChem	<input type="checkbox"/> BBA	<input checked="" type="checkbox"/> BCA	<input type="checkbox"/> B.Sc.(I.T.)
<input type="checkbox"/> BE-Civil	<input type="checkbox"/> BE-Comp	<input type="checkbox"/> BE-Elec	<input type="checkbox"/> BE-EC
<input type="checkbox"/> BE-IT	<input type="checkbox"/> BE-IC	<input type="checkbox"/> BE-Mech	<input type="checkbox"/> GEN
<input type="checkbox"/> PGPOC	<input type="checkbox"/> MAM	<input type="checkbox"/> MBA	<input checked="" type="checkbox"/> MCA
<input type="checkbox"/> M. Sc. (IT & CA)	<input type="checkbox"/> ME-Comp	<input type="checkbox"/> ME-EC	

Special instructions given to candidates (if any)  
Please carry all the mark sheets photocopy

We hereby also state that,

1. The Salary split-up that will be offered has been clearly indicated.
2. Remuneration once declared will not be decreased once the offer has been made.
3. After declaring a final list of recruits we will not de-list any candidates.

I Agree to Above Terms & Conditions

The Completed form sent to the following address by email :

**Rashmi Agrawal**  
Training & Placement Officer,  
Yogidham Gurukul, Kalawad Road, Rajkot-360005, Gujarat(INDIA).  
Telephone: +91-0281-2563445 Ext.1622 | Fax: +91-0281-2563952  
E-Mail: Placement@aits.edu.in

**Add Job**

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# Atmiya Student Management System (ASMS)

The screenshot shows the ASMS interface with a left sidebar and a main content area. The sidebar contains links for various management tasks. The main content area displays the 'Manage Job' section for 'Atmiya Infotech'. A red circle highlights the company dropdown menu which is set to 'Atmiya Infotech'. The 'List of Jobs' table shows one entry: SR. NO 1, JOB NAME 'Web Developer', JOB CATEGORY 'Application Software', DEPARTMENT GROUP (empty), LOCATION 'Rajkot', and an 'Update' button.

Help (AAMS - SMS) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US Welcome, rashmi.agrawal

Dashboard AAMS SMS AAMS Report SMS Report T & P Cell T & P Cell Manage Designation Manage Duty Allocation Manage Department TPO Manage Batch New Student Request Manage Student Manage Company Manage Job New Job Request Web Developer Testing Selected Students List Batch Wise Student Report Batch Wise Company Report Company Wise Job Report Company Wise Selected Student Report Collapse menu

Switch back to admin (admin).

Atmiya Institute of Technology & Science Training & Placement Cell (T&P Cell)

Home > Manage Job

Change Academic Year : 2013-14 Even ( Current )

Manage Job Add Job Delete Job

View Job

Company : Atmiya Infotech

10 records per page Search:

List of Jobs

SR. NO	JOB NAME	JOB CATEGORY	DEPARTMENT GROUP	LOCATION	UPDATE
1	Web Developer	Application Software		Rajkot	Update

Showing 1 to 1 of 1 entries Previous 1 Next

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Any company who has approved by TPO can add job and this job can be seen by TPO and by approving it, respected batch students can see that job.

### 4.2.2.2.7 Job Rounds

The screenshot shows the 'New Job Request' page for the 'T & P Cell'. The sidebar on the left includes links for Dashboard, AAMS, SMS, AAMS Report, SMS Report, EMS, and T & P Cell. Under T & P Cell, there are links for Manage Designation, Manage Duty Allocation, Manage Department TPO, Manage Batch, New Student Request, Manage Student, Manage Company, Manage Job, and New Job Request. The main content area features the Atmiya Institute of Technology & Science logo and the Training & Placement Cell (T&P Cell) header. It shows a list of students with columns for SR. NO, Enrollment No, Student Name, and Email. A dropdown menu shows 'records per page' set to 10. A search bar is available. At the bottom, a button labeled 'Move To Next Round' is circled in red. The footer contains copyright information and a collapse menu link.

SR. NO	ENROLLMENT NO	STUDENT NAME	EMAIL
1	125420693045	Dishant Kishorhai Ved	vasani.anand@gmail.com

By selecting any new job selected from sidebar, related students list will be display into respected rounds.

### 4.2.2.2.8 Selected Student List

The screenshot shows the 'Selected Student List' page of the Atmiya Student Management System (ASMS). The page is titled 'Selected Student List' and includes a sub-header 'View Job'. A dropdown menu for 'Company' is open, showing 'Atmiya Infotech' as the selected option. Below the dropdown, there are filters for 'records per page' (set to 10) and a search bar. The main content area displays a table titled 'Selected students List' with the following data:

SR. NO	STUDENT NAME	COURSE	BATCH	COMPANY NAME	JOB NAME
1	Hardik Jamnadas Vegad	Master of Computer Application	MCA-2015-PassOut	Atmiya Infotech	Web Developer

At the bottom of the page, there is a copyright notice: 'copyrights © all rights reserved @ Atmiya Infotech'.

Finally the selected student list will be display in this page.The student who have cleared all the rounds, is known as selected.

## 4.2.2.2.9 Batch Wise Student Report

Help (AAMS - SMS) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US Welcome, rashmi.agrawal

Atmiya Institute of Technology & Science Training & Placement Cell (T&P Cell)

Home >> Batch Wise Students Report Change Academic Year : 2013-14 Even ( Current )

Batch Wise Students Report

Course : Master of Computer Application (MCA)

Batch\* : MCA-2015-PassOut

Check all:

**View Fields**

<input checked="" type="checkbox"/> Enrollment Number	<input checked="" type="checkbox"/> Register Number	<input checked="" type="checkbox"/> Roll Number	<input checked="" type="checkbox"/> Student Name	<input type="checkbox"/> Gender
<input type="checkbox"/> Department	<input type="checkbox"/> College	<input type="checkbox"/> Course	<input type="checkbox"/> Class	<input type="checkbox"/> Division
<input type="checkbox"/> Father Mobile	<input type="checkbox"/> Student Mobile	<input type="checkbox"/> Face book Id	<input type="checkbox"/> Linked in Id	<input type="checkbox"/> Twitter Id
<input type="checkbox"/> 10th Board	<input type="checkbox"/> 10th Percentage	<input type="checkbox"/> 12th Board	<input type="checkbox"/> 12th Percentage	<input type="checkbox"/> Email Address
<input type="checkbox"/> Graduation Course	<input type="checkbox"/> Graduation University	<input type="checkbox"/> Graduation Percentage	<input type="checkbox"/> Graduation Year	<input type="checkbox"/> Graduation Institute
<input type="checkbox"/> Current Course	<input type="checkbox"/> Current Semester	<input type="checkbox"/> Current Year	<input type="checkbox"/> Current CPI	

**View Report**

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10 records per page Search:

Batch Wise Students Report

Sr. No	Enr No	Reg No	Roll No	Student Name
1	125420693023	125420693023	34	Parth Parsottambhai Mori
2	125420693046	125420693046	39	Hardik Jamnadas Vegad

Showing 1 to 2 of 2 entries

← Previous 1 Next →

Batch wise student report will be generated by above screen.

## 4.2.2.2.10 Batch wise company report

The screenshot shows the ASMS interface with a left sidebar containing various management options like Dashboard, AAMS, SMS, AAMS Report, SMS Report, T & P Cell, etc. The main content area is titled 'Batch Wise Company Report'. It has dropdown menus for 'Course' (set to 'Master of Computer Application (MCA)') and 'Batch' (set to 'MCA-2015-PassOut'). Below these is a prominent blue button labeled 'View Report' which is circled in red.

Atmiya Institute of Technology & Science		Format No. : ISO/DEPT/04/B Rev. / Issue Date : 00 / 19-05-2014																																								
BATCH WISE COMPANY REPORT																																										
Batch : MCA-2015-PassOut	Course : Master of Computer Application																																									
<table border="1"> <thead> <tr> <th colspan="3">CONTACT PERSON INFORMATION</th> <th colspan="4">COMPANY INFORMATION</th> </tr> <tr> <th>SR. NO</th> <th>PERSON NAME</th> <th>EMAIL</th> <th>ADDRESS</th> <th>TELEPHONE</th> <th>MOBILE</th> <th>FAX</th> <th>NAME</th> <th>EMAIL</th> <th>NATURE OF BUSINESS</th> <th>WEB SITE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ANAND VASANI</td> <td>ADVVASANI@AIT.S.EDU.IN</td> <td>216, CITY SHOPS COMPLEX, DR. VAGNIK ROAD, RAJKOT - 360 001</td> <td>9016038615</td> <td>ATMIYA INFOTECH</td> <td></td> <td>AIPL</td> <td></td> <td>WEB DEVELOPMENT</td> <td>HTTP://ATMIVAINFOTECH.COM</td> </tr> <tr> <td></td> <td></td> <td>VASANI.ANANFD@GMAIL.COM</td> <td></td> <td>8798788778</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AIPL@GMAIL.COM</td> </tr> </tbody> </table>			CONTACT PERSON INFORMATION			COMPANY INFORMATION				SR. NO	PERSON NAME	EMAIL	ADDRESS	TELEPHONE	MOBILE	FAX	NAME	EMAIL	NATURE OF BUSINESS	WEB SITE	1	ANAND VASANI	ADVVASANI@AIT.S.EDU.IN	216, CITY SHOPS COMPLEX, DR. VAGNIK ROAD, RAJKOT - 360 001	9016038615	ATMIYA INFOTECH		AIPL		WEB DEVELOPMENT	HTTP://ATMIVAINFOTECH.COM			VASANI.ANANFD@GMAIL.COM		8798788778						AIPL@GMAIL.COM
CONTACT PERSON INFORMATION			COMPANY INFORMATION																																							
SR. NO	PERSON NAME	EMAIL	ADDRESS	TELEPHONE	MOBILE	FAX	NAME	EMAIL	NATURE OF BUSINESS	WEB SITE																																
1	ANAND VASANI	ADVVASANI@AIT.S.EDU.IN	216, CITY SHOPS COMPLEX, DR. VAGNIK ROAD, RAJKOT - 360 001	9016038615	ATMIYA INFOTECH		AIPL		WEB DEVELOPMENT	HTTP://ATMIVAINFOTECH.COM																																
		VASANI.ANANFD@GMAIL.COM		8798788778						AIPL@GMAIL.COM																																

Batch wise company report can be generated by above screen.

## 4.2.2.2.11 Company wise job report

Help (AAMS - SMS) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US Welcome, rashmi.agrawal

Switch back to admin (admin).

Atmiya Institute of Technology & Science Training & Placement Cell (T&P Cell)

Home > Company Wise Job Report Change Academic Year : 2013-14 Even ( Current )

Company Wise Job Report

Company : Atmiya Infotech  
Job : Web Developer

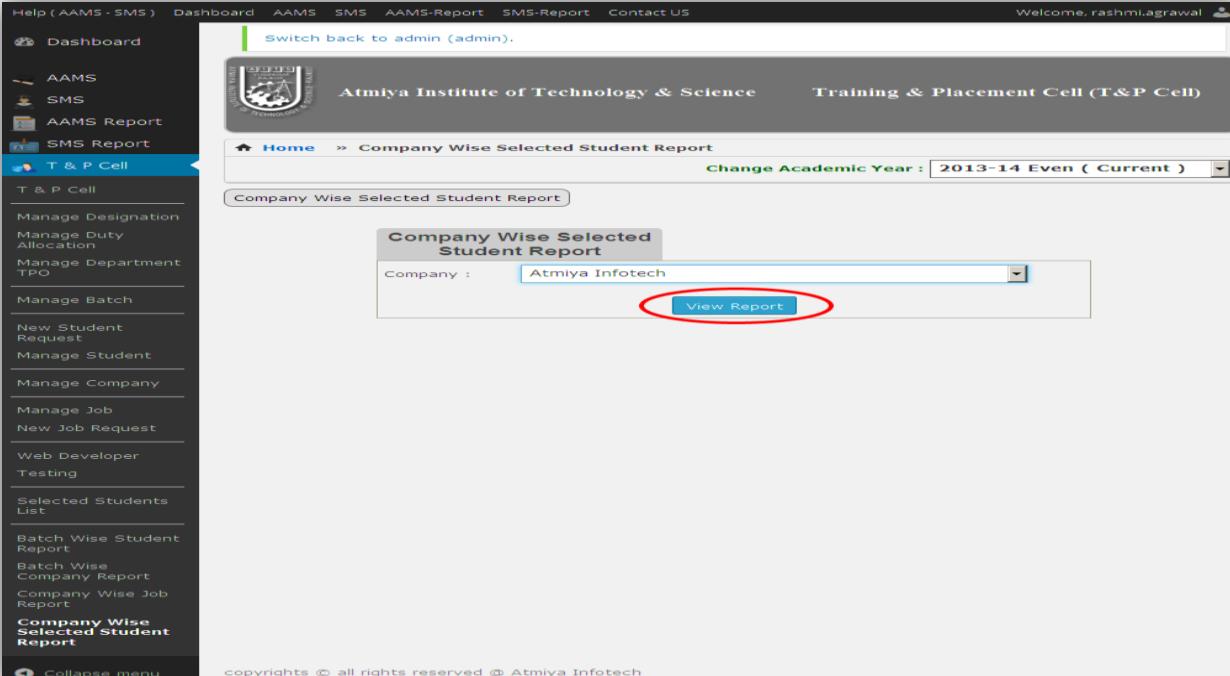
**View Report**

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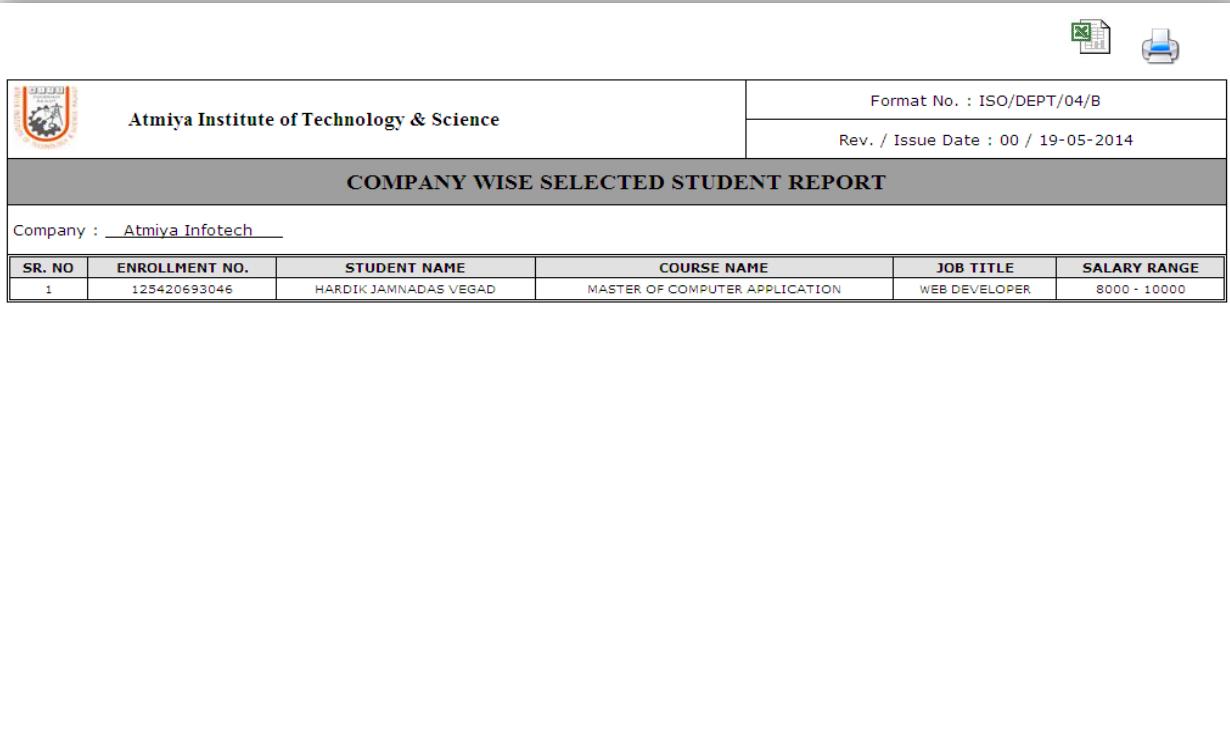
Atmiya Institute of Technology & Science		Format No. : ISO/DEPT/04/B	
		Rev. / Issue Date : 00 / 19-05-2014	
<b>JOB REPORT</b>			
<b>COMPANY INFORMATION</b>			
COMPANY NAME	ATMIYA INFOTECH	NATURE OF BUSINESS	WEB DEVELOPMENT
WEBSITE	HTTP://ATMIYAINFOTECH.COM	EMAIL	AIPLAITS@GMAIL.COM
<b>JOB DESCRIPTION</b>			
JOB TITLE	WEB DEVELOPER	JOB CATEGORY	APPLICATION SOFTWARE
DEPARTMENT/GROUP		TRAVEL REQUIRED	NO
LOCATION	RAJKOT	ACCOMMODATION PROVIDED	NO
SALARY RANGE FROM	6000	SALARY RANGE TO	10000
POSITION TYPE	JR DEVELOPER	DATE OF POSTING	02-05-2014
BOND/SERVICE CONTRACT	YES	WILL TRAIN APPLICANT(S)	YES
IF STUDENT BREACHES CONTRACT, THE COMPENSATION HE/SHE WILL HAVE TO PAY			50000
REGISTRATION OPEN DATE	26-04-2014	REGISTRATION CLOSE DATE	26-04-2014
APPLY THROUGH	APPLY THROUGH SYSTEM		
JOB FOR		DURATION OF TRAINING (IN MONTHS)	3
REGISTRATION OPEN DATE	NO		
<b>SELECTION CRITERIA</b>			
10TH (IN %)	<input type="radio"/> 12TH (IN %)	<input type="radio"/>	<input type="radio"/>
GRADUATION (IN %)	<input type="radio"/>	<input type="radio"/> CURRENT COURSE EACH SEMESTER (IN CPI)	<input type="radio"/>
<b>SELECTION PROCESS</b>			
SHORT LIST RESUME	YES	APTITUDE TEST	NO
TECHNICAL TEST	YES	GROUP DISCUSSION	NO
PERSONAL INTERVIEW	YES		
NO. OF ROUNDS	3		
PASS OUT FROM	2014	PASS OUT TO	2015
<b>INTERESTED STUDENT COURSE</b>			
MCA			
<b>CONTACT INFORMATION</b>			
CONTACT PERSON NAME	ANAND VASANI	CONTACT PERSON EMAIL	ADVVASANI@AIT.S.EDU.IN
ADDRESS	215, CITY SHOPS COMPLEX, DR. VAGNIK ROAD, RAJKOT - 360 001	TELEPHONE	
MOBILE	9016038615	FAX	
<b>WE HEREBY ALSO STATE THAT,</b>			
1. THE SALARY SPLIT-UP THAT WILL BE OFFERED HAS BEEN CLEARLY INDICATED. 2. REMUNERATION ONCE DECLARED WILL NOT BE DECREASED ONCE THE OFFER HAS BEEN MADE. 3. AFTER DECLARING A FINAL LIST OF RECRUTS WE WILL NOT DE-LIST ANY CANDIDATES.			
YES	I AGREE TO ABOVE TERMS & CONDITIONS		
<b>THE COMPLETED FORM SENT TO THE FOLLOWING ADDRESS BY EMAIL :</b>			
TRAINING & PLACEMENT OFFICER, YOGDHAM GURUKUL, KALAWAD ROAD, RAJKOT-360005, GUJARAT(INDIA). TELEPHONE : +91-0281-2563952   FAX: +91-0281-2563952 E-MAIL : PLACEMENT@AIT.S.EDU.IN			
SIGNATURE : _____	NAME : _____	DESIGNATION : _____	

Company wise job report can be generated by above screen.

### 4.2.2.2.12 Company wise selected student list



The screenshot shows the ASMS interface. On the left, there's a vertical navigation menu with sections like Dashboard, AAMS, SMS, AAMS-Report, SMS-Report, Contact US, and T & P Cell. Under T & P Cell, there are several options including Manage Designation, Manage Duty Allocation, Manage Department TPO, Manage Batch, New Student Request, Manage Student, Manage Company, Manage Job, New Job Request, Web Developer Testing, Selected Students List, Batch Wise Student Report, Batch Wise Company Report, Company Wise Job Report, and Company Wise Selected Student Report. The 'Company Wise Selected Student Report' option is highlighted. The main content area displays the 'Company Wise Selected Student Report' with a dropdown menu set to 'Atmiya Infotech'. Below it is a large blue button labeled 'View Report' which is circled in red. At the top right, it says 'Welcome, rashmi.agrawal' with a user icon. The top navigation bar includes links for Help (AAMS - SMS), Dashboard, AAMS, SMS, AAMS-Report, SMS-Report, Contact US, and a link to switch back to admin (admin). The header also features the university logo and the text 'Atmiya Institute of Technology & Science' and 'Training & Placement Cell (T&P Cell)'. A banner at the bottom indicates the current academic year as '2013-14 Even ( Current )'.

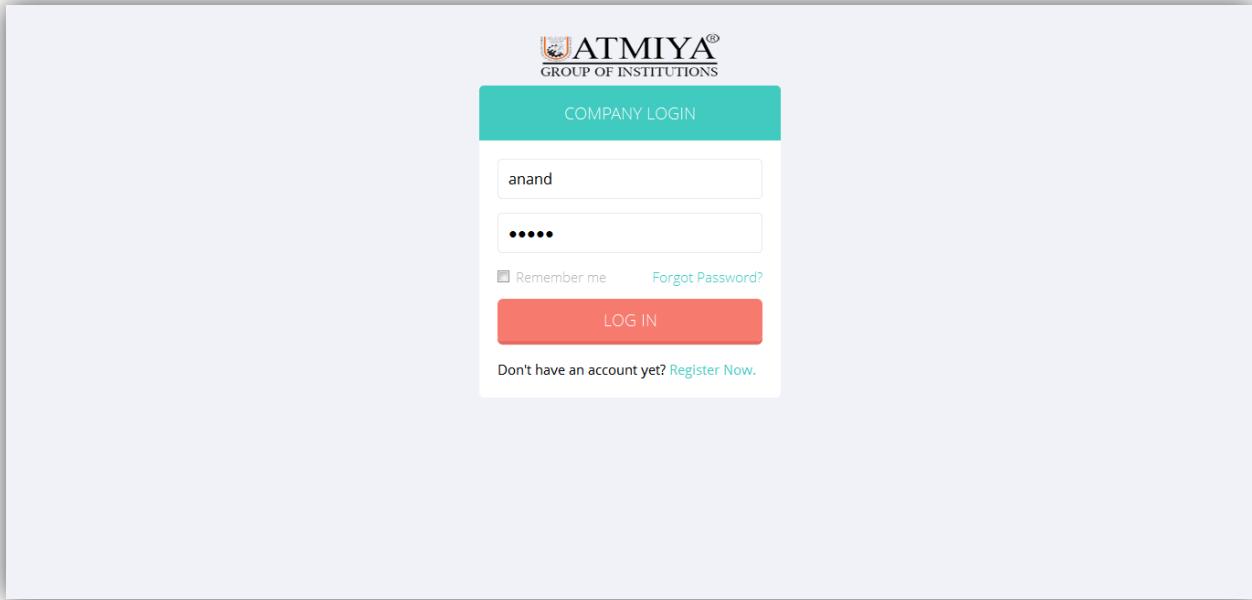


The screenshot shows a generated report titled 'COMPANY WISE SELECTED STUDENT REPORT'. At the top, it features the university logo and the text 'Atmiya Institute of Technology & Science'. To the right, it specifies 'Format No. : ISO/DEPT/04/B' and 'Rev. / Issue Date : 00 / 19-05-2014'. The report title is centered below the header. Below the title, it says 'Company : Atmiya Infotech'. A table follows, with columns: SR. NO, ENROLLMENT NO., STUDENT NAME, COURSE NAME, JOB TITLE, and SALARY RANGE. The first row of the table contains the values: 1, 125420693046, HARDIK JAMNADAS VEGAD, MASTER OF COMPUTER APPLICATION, WEB DEVELOPER, and 8000 - 10000.

Company wise selected student list can be generated by above screen.

### **4.2.2.3 Company Side**

#### **4.2.2.3.1 Authentication Screen**



This is the page for company authentication screen.

### 4.2.2.3.2 Company Management

ATMIYA TRAINING & PLACEMENT CELL (T&P CELL)

Welcome User

Company Management

Contact Information

Contact person name (required)

anand vasani

Address (optional)

University Road, Rajkot

E-Mail (required)

vasani.anand@gmail.com

Telephone (optional)

02812563226

Mobile (required)

9016058615

Fax (optional)

1262

Company Information

Company name (required)

Atmiya Infotech

E-Mail (required)

atmiyainfotech@gmail.com

Nature of Business (Optional)

Web Development

Website (optional)

http://atmiyainfotech.com

Save Company Cancel

## Atmiya Student Management System (ASMS)

The screenshot shows the 'List of Companies' page. On the left is a dark sidebar with navigation links: Dashboard, Company Management (selected), Job Management, Web developer, Selected Students, Report - Student Grade History, and Report - Selected Student List. The main content area has a header 'ATMIYA TRAINING & PLACEMENT CELL (T&P CELL)' and a 'Welcome User' dropdown. A blue button '+ Add Company' is at the top right. Below it is a table with two rows of company data. The first row is highlighted in blue. The second row is a standard table row. Both rows have columns for Company Name, Company Nature, Company Website, Email Address, Mobile Number, and Operations (with edit and delete icons). The footer contains the copyright notice 'Copyrights © 2014 Atmiya Infotech, Rajkot. All rights reserved'.

Company Name	Company Nature	Company Website	Email Address	Mobile Number	Operations
Atmiya	Web Development	ai.com	atmiyainfotech@gmail.com	1234567890	

User can add company by entering company details by pressing “Add Company” button.

User can also edit and delete the companies.

### 4.2.2.3.3 Job Management

The screenshot shows the 'Job Management' page of the ATMIYA TRAINING & PLACEMENT CELL (T&P CELL) system. On the left is a dark sidebar with navigation links: Dashboard, Company Management, Job Management (selected), Web developer, Selected Students, Report - Student Grade History, and Report - Selected Student List. The main content area has a header 'Job Management' and a green button 'Show Job'. Below is a section titled 'Job Profile :'. It includes a dropdown menu labeled 'Select Company' with 'Atmiya' selected. There are input fields for 'Job title (required)' containing 'web developer' and 'Job Category (required)' containing 'Development'.

The screenshot shows the 'List of Jobs' page of the same system. The sidebar and header are identical to the previous screenshot. The main content area has a header 'List of Jobs' and a blue button '+ Add job'. Below is a table titled 'List of Jobs' with columns: Job Title, Job Category, Department Group, Location, and Operations. The table contains one entry: web developer, Development, IT, abad, with edit and delete icons in the Operations column. At the bottom of the page is a footer with the text 'Copyrights © 2014 Atmiya Infotech, Rajkot. All rights reserved'.

Job Title	Job Category	Department Group	Location	Operations
Job Title	Job Category	Department Group	Location	Operations
web developer	Development	IT	abad	

By selecting company name from the combo box, respective jobs to be displayed. and user can also edit job details and delete it.

User can add job by pressing “Add Job” button.

### 4.2.2.3.4 Selection Rounds

The screenshot shows the 'Selection Rounds' section of the ASMS. On the left is a sidebar with icons for Dashboard, Company Management, Job Management, Web developer, Selected Students, Report - Student Grade History, and Report - Selected Student List. The main area has a header 'ATMIYA TRAINING & PLACEMENT CELL (T&P CELL)' and a 'Welcome User' dropdown. Below the header, there are buttons for 'Round - 0' through 'Round - 5'. A red box highlights the 'Round 0 Details' section, which contains a table with one row:

Check	Roll no	Enrollment no	Student name	Email Address
<input type="checkbox"/>	38	125420693045	Dishant Kishorbhai Ved	vasani.anand@gmail.com

Below the table is another table with columns: Check, Roll no, Enrollment no, Student name, and Email Address. At the bottom right of this table is a teal button with the text 'Move to Next Round' and a red circle around it.

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By selecting any jobs, respective rounds will be displayed. And based on them; student's name will be displayed per rounds.

### 4.2.2.3.5 Selected Student List

The screenshot shows the 'Selected Students' section of the ATMIYA TRAINING & PLACEMENT CELL (T&P CELL) application. On the left, there is a sidebar with various menu items: Dashboard, Company Management, Job Management, Web developer, Selected Students, Report - Student Grade History, and Report - Selected Student List. The 'Selected Students' item is currently selected. The main content area has a header 'Selected Students'. Below it, there is a search bar labeled 'Select Job' with the value 'web developer' and a dropdown arrow. A table displays student information for the selected job:

Enrollment No.	Registration No.	Student Name	Sex	StudentMob
125420693045	125420693045	Dishant Kishorhai Ved	male	9033323080
Enrollment No.	Registration No.	Student Name	Sex	StudentMob

At the bottom of the page, a copyright notice reads 'Copyrights © 2014 Atmiya Infotech, Rajkot. All rights reserved'.

Next is the selected students list.

Well, by selecting the job, the students which have cleared the entire rounds for the job will be displayed.

## 4.2.2.3.6 Student grade history report

The screenshot shows the 'Report - Student Grade History' page. On the left, there's a sidebar with navigation links: Dashboard, Company Management, Job Management, Selected Students, Report - Student Grade History (which is the current page), and Report - Selected Student List. The main content area has a header 'ATMIYA TRAINING & PLACEMENT CELL (T&P CELL)' and a sub-header 'Report - Student Grade History'. A dropdown menu labeled 'Select Job' contains the option 'web developer'. Below this is a table with columns: Enrollment No., Registration No., Student Name, Sex, and StudentMob. Two rows of data are shown:

Enrollment No.	Registration No.	Student Name	Sex	StudentMob
125420693045	125420693045	Dishant Kishorhai Ved	male	9033323080
Enrollment No.	Registration No.	Student Name	Sex	StudentMob

At the bottom, a copyright notice reads 'Copyrights © 2014 Atmiya Infotech, Rajkot. All rights reserved'.

The screenshot shows the 'Grade Details for' page for 'Dishant Kishorhai Ved'. The header includes the institute name 'ATMIYA Institute of Technology & Science' and address 'Yogidham Gurukul, Kalawad Road - Rajkot, 360 005'. The page title is 'Grade Details for - - Dishant Kishorhai Ved - -'. Below the title is a table with two sections: 'Current Course Details' and 'Graduation Details'.

Current Course Details										Graduation Details			12th	10th
Sr.No.	Enrollment No.	Sem-1	Sem-2	Sem-3	Sem-4	Sem-5	Sem-6	Sem-7	Sem-8	Course	Perct %	%	%	
1	125420693045	8.2	8.15	6.1	-	-	-	-	-	BE - Instrumentation & Control Engineering	61	87	65	

At the bottom are 'Back' and 'Print' buttons.

This page is for student grade history of the students who have applied for the job.

Further details about the student can be shown by clicking on enrollment no.

Report can also printed by pressing print button.

### 4.2.2.3.7 Selected student report

The screenshot shows a web-based application interface. On the left is a dark sidebar menu with options like Dashboard, Company Management, Job Management, Web developer, Selected Students, Report - Student Grade History, and Report - Selected Student List. The main content area has a header "ATMIYA TRAINING & PLACEMENT CELL (T&P CELL)" and a "Welcome User" dropdown. Below the header, it says "Report - Selected Student". A dropdown menu titled "Select Job" shows "web developer". A table displays student details for a selected job:

Enrollment No.	Registration No.	Student Name	Sex	StudentMob
125420693045	125420693045	Dishant Kishorhai Ved	male	903323080
Enrollment No.	Registration No.	Student Name	Sex	StudentMob

At the bottom, a copyright notice reads "Copyrights © 2014 Atmiya Infotech, Rajkot. All rights reserved".

The screenshot shows a page from the "ATMIYA Institute of Technology & Science" website. The header includes the institute's name and address: "Yogidham Gurukul, Kalawad Road - Rajkot, 360 005". Below this is a table titled "Selected Student List".

Sr. No.	Enrollment No.	Student Name	Course	Company Name	Package/ Salary Range
1	125420693045	Dishant Kishorhai Ved	BE - Instrumentation & Control Engineering	Atmiya	15000 - 20000

At the bottom are "Back" and "Print" buttons.

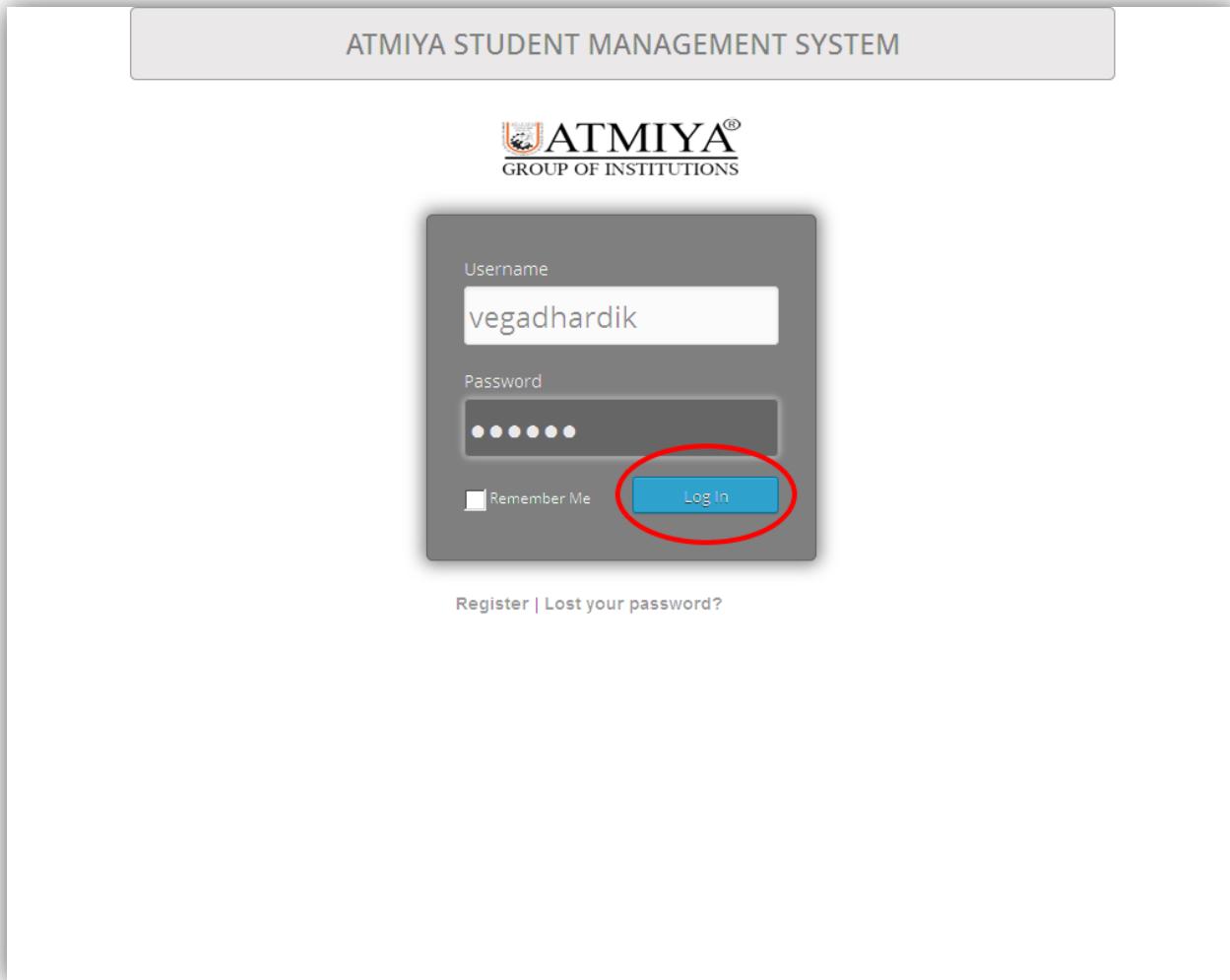
Finally, selected student page is there for the details about the students who are selected.

Further details about the student can be shown by clicking on enrollment no.

This report can also be printed.

#### **4.2.2.4 Student**

##### **4.2.2.4.1 Student authentication screen**



This is the student authentication form by which student can login and after successful login, he/she will be redirected to dashboard.

### 4.2.2.4.2 Student dashboard



The dashboard for the students will be displays after the successfully login.

Through dashboard, student can view profile; new jobs arrived and applied jobs details.

### 4.2.2.4.3 View Profile

Welcome, vegadhardik

Atmiya Institute of Technology & Science (MCA) Training & Placement Cell (T&P Cell)

Home > Your Profile

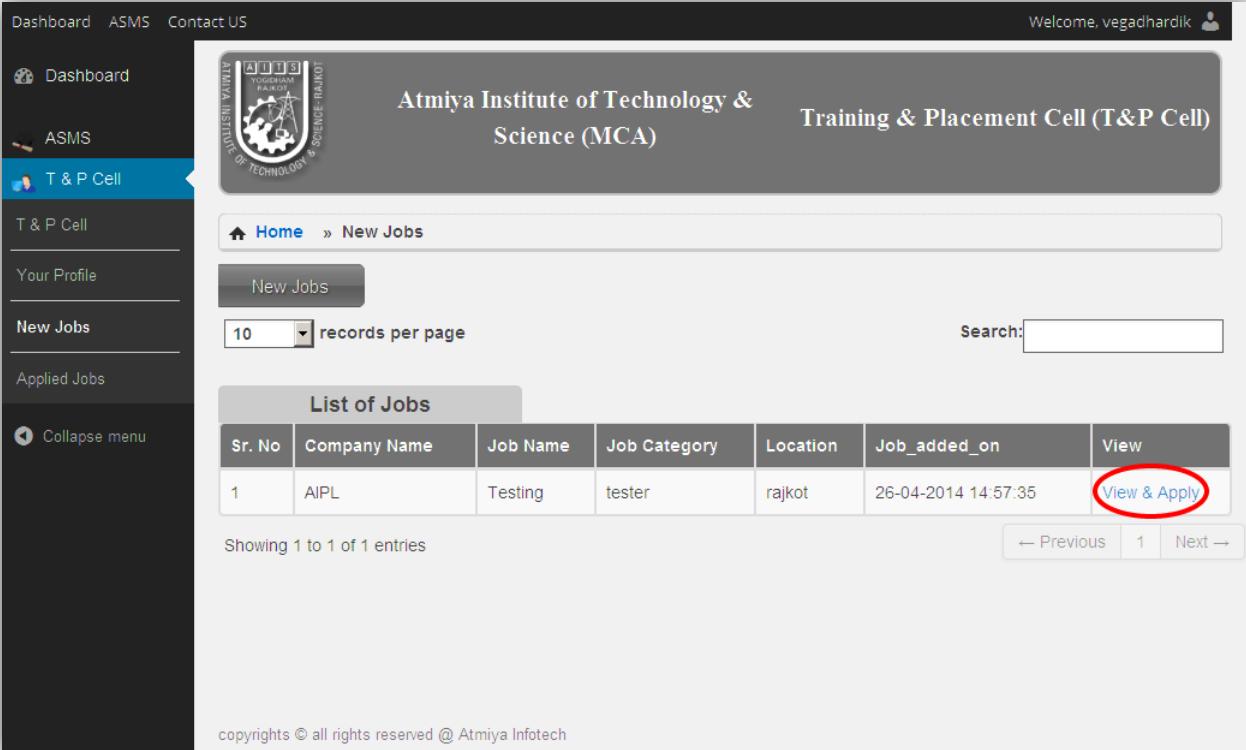
Your Profile

**Personal Details**

Roll No*	39
Enrollment No	125420693046
Register No	125420693046
Your Name*	Hardik
Father Name*	Jamnadas
Surname*	Vegad
Gender*	<input checked="" type="radio"/> Male <input type="radio"/> Female
Email Address	vegadhardik@gmail.com
Resume *	Browse   No file selected

Student can view his/her profile and add or edit own details.

### 4.2.2.4.4 New jobs



Welcome, vegadhardik 

Dashboard ASMS Contact US

Atmiya Institute of Technology & Science (MCA) Training & Placement Cell (T&P Cell)

Home » New Jobs

New Jobs

10 records per page Search:

Sr. No	Company Name	Job Name	Job Category	Location	Job_added_on	View
1	AIPL	Testing	tester	rajkot	26-04-2014 14:57:35	<a href="#">View &amp; Apply</a>

Showing 1 to 1 of 1 entries ← Previous 1 Next →

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Any new jobs that satisfy the educational criteria of students will be displayed on the dashboard of the students.

And he/she can see the details of that job by clicking on link “View & Apply”.

# Atmiya Student Management System (ASMS)

The screenshot shows the 'View & Apply Job' page for a job at AIPL. The page is divided into several sections: Company Information, Job Profile, Selection Criteria, Selection Process, and Special instructions given to candidates.

**Company Information:**

Company Name	AIPL	Nature of Business	
Web Site		Email	AIPL@gmail.com

**Job Profile:**

Job Title	Testing	Job Category	tester
Department/Group	IT	Travel Required	Yes
Location	rajkot	Accommodation provided	
Salary Range From	12000	Salary Range To	15000
Position Type		Date of posting	02-05-2014
Bond/Service Contract	Yes	will Train Applicant(s)	Yes
if student breaches contract, the compensation he/she will have to pay		50000	
Registration Open Date	26-04-2014	Registration Close Date	26-04-2014
Apply Through	Apply Through System		-
Job for	Training & Placement Both	Duration of Training (in months)	3
Provide Stipend During Training	Yes	Stipend Amount	1500

**Selection Criteria:**

10th (in %)	0
12th (in %)	0
Graduation (in %)	0
Current Course each semester (in CPI)	0

**Selection Process:**

Short List Resume	Aptitude Test		
Personal Interview			
No. of Rounds	3		
Pass Out From	2014	Pass Out To	2015

**Special instructions given to candidates:**

Note : Registration is closed

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This page displays the details of the View & Apply job details.

Student can register if the registration is open.

### 4.2.2.4.5 Applied jobs

Welcome, vegadhardik

Atmiya Institute of Technology & Science (MCA)

Training & Placement Cell (T&P Cell)

Home » Applied Jobs

Applied Jobs

10 records per page

Search:

Sr. No	Company Name	Job Name	Job Category	Location	Apply on	Status
1	Atmiya Infotech	Web Developer	Application Software	Rajkot	26-04-2014 10:25:29	Selected

Showing 1 to 1 of 1 entries

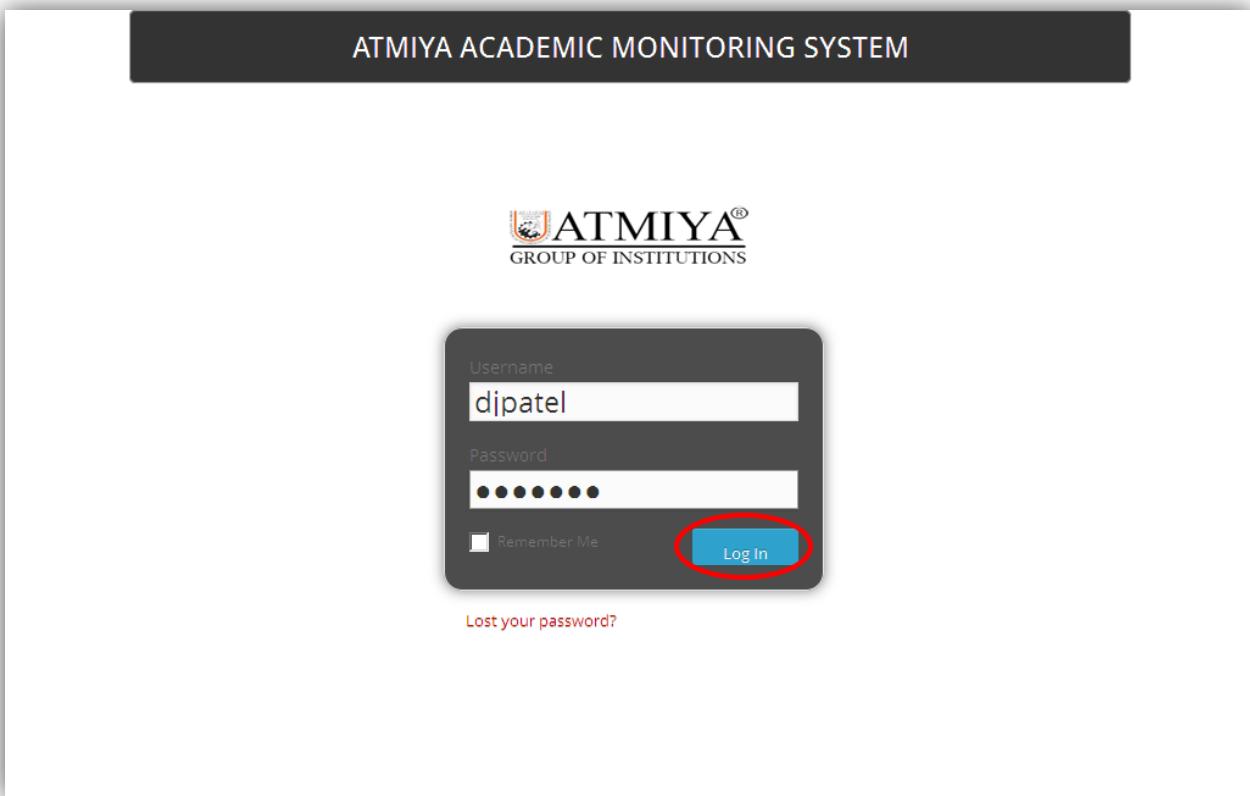
← Previous 1 Next →

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The jobs in which the students have applied, can be shown in this page. Also related status is displayed of the student whether he/she has selected or not.

### **4.2.3 Exam Management System (EMS)**

#### **4.2.3.1 Authentication Screen**



Above is the login screen for using EMS.

### 4.2.3.2 EMS Dashboard

The screenshot shows the EMS Dashboard interface. The top navigation bar includes links for Help (AAMS - SMS), Dashboard, AAMS, SMS, AAMS-Report, SMS-Report, and Contact US. On the right side of the header, there is a 'Welcome, test' message with a user icon. The main title 'Exam Management System (EMS) - Dashboard' is centered above five cards, each representing a different management function: Exam-Resource Allocation, Manage Exam, Manage Timetable, Seating Arrangement, and Marks Entry. The left sidebar contains a vertical navigation menu with sections for Posts, Media, Pages, Comments (with 1 notification), Appearance, Plugins (with 9 notifications), Users, Tools, Settings, and links to AAMS, SMS, AAMS Report, SMS Report, and Feedback. The 'EMS' section is currently selected and expanded, showing sub-links for Manage, Department-Exam, Resource Alloc, Manage Exam, Manage Time Table, Manage Seating Arrangement, and Marks Entry. At the bottom of the sidebar, there are links for T & P Cell and Collapse menu. The footer of the page displays the copyright notice 'copyrights © all rights reserved @ Atmiya Infotech'.

If the authentication is successful, then the dashboard for EMS will be displayed with different exam management operations.

## 4.2.3.3 Assign resources to department

The screenshot shows the Atmiya Institute Of Technology & Science Examination Management System (EMS) interface. The left sidebar contains a navigation menu with various icons and links such as Dashboard, Posts, Media, Pages, Comments (1), Appearance, Plugins (9), Users, Tools, Settings, AAMS, SMS, AAMS Report, SMS Report, Feedback, EMS, T & P Cell, and Collapse menu. The main header displays the institute's logo and the text "Atmiya Institute Of Technology & Science Examination Management System (EMS)". Below the header, the breadcrumb navigation shows "Home > Manage Dept Exam Resource Alloc > Add Department Exam Resource Alloc". A dropdown menu for "Change Academic Year" is set to "2013-14 Even ( Current )". The central content area is titled "Add Department - Resource Allocation". It includes fields for "Department\*" (MCA (Master of Computer Application)) and "Resource\*" (Class A-21). Below these are input fields for "Total Benches\*" (30), "Total Rows\*" (4), and four rows for "Enter Length of 1 row : 8", "Enter Length of 2 row : 7", "Enter Length of 3 row : 7", and "Enter Length of 4 row : 8". There is also a field for "How many students per bench?\*" (2). A blue button at the bottom labeled "Add Department- Resource Allocation" is circled in red. A note at the bottom right indicates "\* required fields".

# Atmiya Student Management System (ASMS)

The screenshot shows the Atmiya Institute Of Technology & Science Examination Management System (EMS). The left sidebar includes links for Help (AAMS - SMS), Dashboard, Posts, Media, Pages, Comments (1), Appearance, Plugins (9), Users, Tools, Settings, AAMS, SMS, AAMS Report, SMS Report, Feedback, EMS (selected), EMS, Manage Department-Exam Resource Alloc (selected), Manage Exam, Manage Time Table, Manage Seating Arrangement, Marks Entry, T & P Cell, and Collapse menu. The top right shows a welcome message for 'Welcome, test'. The main content area features the university's logo and the title 'Atmiya Institute Of Technology & Science Examination Management System (EMS)'. Below this, a breadcrumb navigation shows Home > Manage Dept Exam Resource Alloc. A dropdown menu for 'Change Academic Year' is set to '2013-14 Even ( Current )'. Three buttons are available: Manage Dept Exam Resource Alloc, Add Dept Exam Resource Alloc, and Delete Dept Exam Resource Alloc. A section titled 'View Department Resource Allocation' shows a dropdown for 'Department' set to 'MCA (Master of Computer Application)'. Below this, there are controls for 'records per page' (set to 10) and a 'Search:' input field. The main data table is titled 'View Department Exam Resource Allocation' and lists the following data:

RESOURCE	TOTAL BENCHES / TERMINAL	TOTAL ROWS	ROW VALUES	STUDENT PER BENCH	UPDATE
Class A-21	30	4	8,7,7,8	2	<a href="#">Update</a>
Class A-22	30	4	8,7,7,8	2	<a href="#">Update</a>
Comp Lab A1	20	0		1	<a href="#">Update</a>

Showing 1 to 3 of 3 entries. Navigation buttons include Previous, 1, and Next. The footer contains the copyright notice 'copyrights © all rights reserved @ Atmiya Infotech'.

First, the resources are to be assigned to respective department with resources details for exam. And assigned resources will be displayed in above screen.

## 4.2.3.4 Create Exam

The screenshot shows the 'Create Exam' page of the Atmiya Institute Of Technology & Science Examination Management System (EMS). The left sidebar contains navigation links for Dashboard, Posts, Media, Pages, Comments, Appearance, Plugins, Users, Tools, Settings, AAMS, SMS, AAMS Report, SMS Report, Feedback, EMS, T & P Cell, and a Collapse menu. The main header includes the university logo, the name 'Atmiya Institute Of Technology & Science', and the subtitle 'Examination Management System (EMS)'. The top navigation bar has links for Help (AAMS - SMS), Dashboard, AAMS, SMS, AAMS-Report, SMS-Report, Contact US, and a user profile for 'Welcome test'. Below the header, the breadcrumb navigation shows Home > View Exam > Create Exam. A dropdown menu for 'Change Academic Year' is set to '2013-14 Even ( Current )'. The central 'Add Exam' form contains the following fields:

Department*	MCA (Master of Computer Application)
Course :*	MCA (Master of Computer Application)
Class :*	<input checked="" type="checkbox"/> 2013-MCA-SEM-2 <input checked="" type="checkbox"/> 2012-MCA-SEM-4 <input type="checkbox"/> 2011-MCA-SEM-6
Division :*	<input checked="" type="checkbox"/> 2A <input checked="" type="checkbox"/> 2B <input checked="" type="checkbox"/> 4A <input checked="" type="checkbox"/> 4B <input checked="" type="checkbox"/> 4C <input checked="" type="checkbox"/> 4D
Batch :*	2A <input checked="" type="checkbox"/> B1 <input checked="" type="checkbox"/> B2 2B <input checked="" type="checkbox"/> B1 <input checked="" type="checkbox"/> B2 4A <input checked="" type="checkbox"/> B1 <input checked="" type="checkbox"/> B2 <input checked="" type="checkbox"/> B3 4B <input checked="" type="checkbox"/> B1 <input checked="" type="checkbox"/> B2 <input checked="" type="checkbox"/> B3 4C <input checked="" type="checkbox"/> B1 <input checked="" type="checkbox"/> B2 4D <input checked="" type="checkbox"/> B1 <input checked="" type="checkbox"/> B2
Exam Type :*	Midterm
Depend on*	- Select Depend on Exam -
Maximum Score :*	70
Passing Score :*	35
Marks display pattern :*	Original Marks
Start Exam Date :*	22-05-2014
End Exam Date :*	27-05-2014
Start Time :*	02 <input type="button" value="30"/> pm
End Time :*	04 <input type="button" value="30"/> pm
Exam Duration :*	2 Hours
Result Publish Date :*	31-05-2014
Marks Submission Last Date :*	28-05-2014
Result Displays to student :*	Yes

A red circle highlights the 'Create Exam' button at the bottom of the form. A note at the bottom right indicates that fields marked with an asterisk (\*) are required.

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## Atmiya Student Management System (ASMS)

SR.NO	EXAM NAME	COURSE	CLASS	DIVISION	BATCH	EXAM TYPE	DEPEND ON EXAM
1	MCA_Midterm_2014	MCA	2013-MCA-SEM-2 2013-MCA-SEM-1	2A, 2B, 4D, 4C, 4B, 4A	B1, B2, B2, B1, B1, B2, B2, B2, B2	Midterm	-

Once the exam details will be entered and exam will be created then created exam will be displayed in to above screen.

## 4.2.3.5 Create Time table

The screenshot shows the 'Add Time Table' section of the ASMS. On the left, a sidebar lists various system modules like Dashboard, Posts, Media, Pages, Comments, Appearance, Plugins, Users, Tools, and Settings. The main area features the Atmiya Institute Of Technology & Science logo and the Examination Management System (EMS) title. A breadcrumb navigation path leads to the current page. A dropdown menu for the academic year is set to '2013-14 Even ( Current )'. Below this are buttons for 'View Time Table', 'Add Time Table', and 'Delete Time Table'. The central part is titled 'Add Time Table' and includes a 'Select Exam Name' dropdown set to 'MCA\_Midterm\_2014'. A table grid allows setting exam dates, subjects, start times, and end times for each slot. The 'Confirm Time Table' button is circled in red at the bottom right of the grid.

Exam Date	Select Subject	Start Time	End Time
19/05/20	DS	02 30 PM	04 30 PM
20/05/20	OOPC	02 30 PM	04 30 PM
21/05/20	DBMS	02 30 PM	04 30 PM
22/05/20	CONM	02 30 PM	04 30 PM
23/05/20	PS-II (OC)	02 30 PM	04 30 PM
24/05/20	SL (DBMS)	02 30 PM	04 30 PM

Confirm Time Table

# Atmiya Student Management System (ASMS)

Help (AAMS - SMS) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US

Welcome, test

Atmiya Institute Of Technology & Science Examination Management System (EMS)

[Home](#) » View Time Table

Change Academic Year : **2013-14 Even ( Current )**

[View Time Table](#) [Add Time Table](#) [Delete Time Table](#)

**View Time Table**

Select Exam Name : **MCA\_Midterm\_2014**

Exam Date	2013-MCA-SEM-2	2012-MCA-SEM-4	Start Time	End Time
19/05/2014	Data Structures	Fundamental of Networking	14:30:00	16:30:00
20/05/2014	Object-Oriented Programming Concepts & Programming	Web Technology & Application Development	14:30:00	16:30:00
21/05/2014	Database Management System	Operations Research	14:30:00	16:30:00
22/05/2014	Computer-Oriented Numerical Methods	Management Information Systems	14:30:00	16:30:00
23/05/2014	Programming Skills-II	Distributed Computing	14:30:00	16:30:00
24/05/2014	Software Lab (DBMS: SQL & PL/SQL)-Lab	Data Warehousing & Data Mining	14:30:00	16:30:00

**Update Time Table**

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Once the time table can be created then it can be viewed in above screen.

## 4.2.3.6 Seating Arrangement

The screenshot shows the 'Add Seating Arrangement' page. The left sidebar has a dark theme with various icons and links. The main header includes the university logo and the text 'Atmiya Institute Of Technology & Science' and 'Examination Management System (EMS)'. The breadcrumb navigation shows 'Home > Seating Arrangement'. A dropdown menu for 'Change Academic Year' is set to '2013-14 Even ( Current )'. The main form fields include:

- Department\*: MCA (Master of Computer Application)
- Select Exam : MCA\_Midterm\_2014
- Subject Type: Theory
- How many resources do you want?: 2
- Select resource priority :
  - Priority 1: Resource Class A-2, Left: 2013-MCA-SEM-2, Right: 2012-MCA-SEM-4
  - Priority 2: Resource Class A-2, Left: 2012-MCA-SEM-4, Right: 2013-MCA-SEM-2
- Order By: Enrollment no

A large blue 'Next' button is located at the bottom right of the form, with a red circle drawn around it.

# Atmiya Student Management System (ASMS)

Help (AAMS - SMS) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US Welcome, test

Dashboard Posts Media Pages Comments 1 Appearance Plugins Users Tools Settings AAMS SMS AAMS Report SMS Report Feedback EMS

Unallocate Student for Class A-22 Resource

BATCH	CLASS	STUDENT	REALLOCATE
8	2012-MCA-SEM-4	125020693039 - Hardik Chandrakantbhai Fofindi	Reallocate

Seating Arrangement for Class A-22 Resource

BATCH	2012-MCA-SEM-4	UNALLOCATE	2013-MCA-SEM-2	UNALLOCATE
1	125020693033 Dharmesh Vinodbhai Dhameliya	Unallocate	135020693036 Shah Jui Kumarpal	Unallocate
2	125020693034 Mansi Dipakbhai Dharadev	Unallocate	135020693037 Kabariya Ajay Bharatbhai	Unallocate
3	125020693035 Shivil Govind Bhai Dharajiya	Unallocate	135020693038 Kanzariya Atulkumar Mahadevbhai	Unallocate
4	125020693036 Urvi Prakashchandra Dobariya	Unallocate	135020693039 Katakiya Vipul Thakarshibhai	Unallocate
5	125020693037 Jiten Gunvantbhai Dodiya	Unallocate	135020693040 Kathiriya Divyesh Hareshbhai	Unallocate
6	125020693038 Smit Rasiklal Doshi	Unallocate	135020693041 Hirpara Kaushik Jayantibhai	Unallocate
7	125020693042 Snehaba Kesubhai Gadhavi	Unallocate	135020693042 Lilapara Jaydevbhai Hemrajbhai	Unallocate
8	125020693043 Hemangi Lalitbhai Gadherethariya	Unallocate	135020693043 Chardava Maitriben Bhaskarbhai	Unallocate
9	125020693044 Jignesha Bharatbhai Gajera	Unallocate	135020693045 Shilu Maulik Subhashbhai	Unallocate
10	125020693045 Keval Nitinkumar Gajjar	Unallocate	135020693046 Bloch Mheboob Abdulbhai	Unallocate
11	125020693046 Nikunj Umeshbhai Gandhi	Unallocate	135020693047 Modi Keenjal Kantibhai	Unallocate
12	125020693047 Miten Maheshbhai Garach	Unallocate	135020693048 Odedara Jayaben Devashi	Unallocate
13	125020693048 Maitry Pankaj Gardi	Unallocate	135020693049 Pal Sanjeevkumar Maheshbhai	Unallocate
14	125020693049 Parthvi Vikrambhai Ghodasara	Unallocate	135020693050 Pandya Pooja Bharatbhai	Unallocate
15	125020693050 Madhavi Bipinchandra Ghorecha	Unallocate	135020693051 Parghi Rohit Gandubhai	Unallocate
16	125020693052 Rutu Girishbhai Godhani	Unallocate	135020693052 Parmar Jagruti Jayantilal	Unallocate
17	125020693053 Jaydeep Mansukhbhai Gondaliya	Unallocate	135020693053 Parmar Jayesh Ishwarbhai	Unallocate
18	125020693054 Alpesh Premjibhai Jadav	Unallocate	135020693054 Parmar Naresh Rameshbhai	Unallocate
19	125020693055 Vijaysinh Mahipatsinh Jadav	Unallocate	135020693055 Patel Abhishek Vrundavanbhai	Unallocate
20	125020693056 Tushar Jagdishbhai Jagad	Unallocate	135020693056 Aghara Pooja Ramnikbhai	Unallocate
21	125020693057 Amit Jagdishbhai Jagesha	Unallocate	135020693057 Radia Mega Jitendrabhai	Unallocate
22	125020693058 Urvi Hareshbhai Jasani	Unallocate	135020693058 Rudani Axita Harsukhbhai	Unallocate
23	125020693059 Ram Naran Joshi	Unallocate	135020693059 Sanghani Nishant Vallabhbhai	Unallocate
24	125020693060 Rahul Prasottambhai Kakadiya	Unallocate	135020693060 Shah Chaiti Pankajbhai	Unallocate
25	125020693061 Hardi Mahendrabhai Kalavadia	Unallocate	135020693061 Shah Prakruti Mukeshbhai	Unallocate
26	125020693062 Jiten Ashvinbhai Kalavadia	Unallocate	135020693062 Sheth Kartik Nareshbhai	Unallocate
27	125020693063 Kruti Rasikbhai Kamani	Unallocate	135020693063 Upadhyay Siddharth Jayendrabhai	Unallocate
28	125020693064 Ninad Vasubhai Kanabar	Unallocate	135020693064 Vadher Jagdishsinh Jasubha	Unallocate
29	125020693065 Megha Dilipkumar Kaneria	Unallocate	135020693065 Vaghela Rajdeepsinh Bharatsinh	Unallocate
30	125020693066 Dhara Nitinbhai Kansagra	Unallocate	135020693066 Valu Anilkumar Parasotambhai	Unallocate

Finish

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## 4.2.3.7 Marks Entry

The screenshot shows the 'Marks Entry' page of the Atmiya Student Management System (ASMS). The left sidebar has a dark theme with various menu items like Dashboard, Posts, Media, Pages, Comments, Appearance, Plugins, Users, Tools, Settings, AAMS, SMS, AAMS Report, SMS Report, Feedback, and EMS. The EMS section is currently selected. The main content area has a light gray background. At the top, there's a header with the university logo, the text 'Atmiya Institute Of Technology & Science', and 'Examination Management System (EMS)'. Below the header, a breadcrumb navigation shows 'Home > Marks Entry'. A dropdown menu for 'Change Academic Year' is set to '2013-14 Even ( Current )'. The main form is titled 'Marks Entry' and contains five dropdown fields: 'Department' (MCA), 'Course' (MCA), 'Exam' (MCA\_Midterm\_2014), 'Class' (2013-MCA-SEM-2), and 'Subject' (Data Structures). A blue 'Next' button is located at the bottom right of the form. A red circle highlights the 'Next' button. A note at the bottom right says '\* required fields'. The footer contains copyright information: 'copyrights © all rights reserved @ Atmiya Infotech'.

# Atmiya Student Management System (ASMS)

Help ( AAMS - SMS ) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US Welcome, test

Dashboard Posts Media Pages Comments 1 Appearance Plugins Users Tools Settings

AAMS SMS AAMS Report SMS Report Feedback EMS

Manage Department-Exam Resource Alloc

Manage Exam

Manage Time Table

Manage Seating Arrangement

Marks Entry

T & P Cell

Collapse menu

Atmiya Institute Of Technology & Science Examination Management System (EMS)

Home Marks Entry

Change Academic Year : 2013-14 Even ( Current )

Marks Entry

Enter Student Marks

Enrollment No	Student Name	Marks
135020693001	Aadroja Rahul Pravinbhai	AB
135020693003	Aghara Radhika Tribhuvanbhai	65
135020693004	Aondhiya Jay Navnitbhai	45
135020693007	Bhut Urviben Hemantbhai	65
135020693008	Bhuva Pratapbhai Gorakhbhai	48
135020693010	Sutariya Binal Vitthalbhai	68
135020693011	Chavda Hareshkumar Baldevbhai	15
135020693012	Motivaras Chirag Naginbhai	32
135020693013	Dadvani Sejal Umedbhai	70
135020693014	Dalsaniya Bhavmika Kanjibhai	AB
135020693015	Dangariya Pareshkumar Gordhanbhai	65
135020693016	Desai Navnit Shivabhai	55
135020693017	Desai Vinubhai Zaverbhai	44
135020693018	Dhamsania Drashti Mahendrabhai	25
135020693019	Dhankecha Hardik Dipakbhai	15
135020693020	Dholakiya Nitin Meghbhai	69
135020693021	Jethva Dimpy Bipinbhai	12
135020693022	Dudhagara Rajnik Rameshbhai	34
135020693023	Ganatra Shruti Nitinbhai	10
135020693024	Gandhi Moin Sirajbhai	AB
135020693025	Ghelani Vidhi Rameshbhai	31
135020693026	Gorfal Nitaben Punjabhai	25
135020693027	Harsoda Amitkumar Girdharbhai	70
135020693028	Hirani Happy Bhupatrai	28
135020693029	Parsania Hiteshaben Jayantilal	36
135020693030	Jadeja Namrata Champaksinh	63
135020693031	Jakasaniya Shital Mohanbhai	49
135020693032	Jarsaniya Rinkal Shaileshbhai	52
135020693033	Joshi Chandni Upendrabhai	62
135020693035	Jotava Gopal Nagabhai	65

Submit

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By selecting respective subject, subject faculty can entry marks in above screen.

## 4.2.3.8 Resource wise report

The screenshot shows the 'Resource Wise Report' page within the ASMS application. The left sidebar contains a navigation menu with items like Dashboard, Posts, Media, Pages, Comments, Appearance, Plugins, Users, Tools, Settings, AAMS, SMS, AAMS Report, SMS Report, Feedback, EMS, T & P Cell, and EMS Report. Under EMS Report, there are sub-options for EMS Report, Resource Wise Reports, Seating Block Reports, and Attendance Reports. The 'Resource Wise Reports' option is currently selected. The main content area has a title 'Resource Wise Report' and three dropdown menus: 'Select Department' (Master of Computer Application), 'Select Exam' (MCA\_Midterm\_2014), and 'Select Resource' (Class A-21). Below these dropdowns is a button labeled 'View Report' which is circled in red.

**Resource Wise EMS Report**

2012-MCA-SEM-4			2012-MCA-SEM-4		
Batch No.	Enrollment No.	Position	Batch No.	Enrollment No.	Position
1	115020693104	Left	1	125020693021	Right
2	115020693139	Left	2	125020693020	Right
3	125020693002	Left	3	125020693019	Right
4	125020693004	Left	4	125020693018	Right
5	125020693005	Left	5	125020693017	Right
6	125020693006	Left	6	125020693016	Right
7	125020693007	Left	7	125020693015	Right
8	125020693008	Left	8	125020693014	Right
9	125020693009	Left	9	125020693013	Right
10	125020693011	Left	10	125020693012	Right
11	125020693022	Left	11	125020693043	Right
12	125020693023	Left	12	125020693042	Right
13	125020693024	Left	13	125020693039	Right
14	125020693025	Left	14	125020693038	Right
15	125020693026	Left	15	125020693037	Right
16	125020693027	Left	16	125020693036	Right
17	125020693028	Left	17	125020693035	Right
18	125020693029	Left	18	125020693034	Right
19	125020693030	Left	19	125020693033	Right
20	125020693031	Left	20	125020693032	Right
21	125020693044	Left	21	125020693064	Right
22	125020693045	Left	22	125020693063	Right
23	125020693046	Left	23	125020693062	Right
24	125020693047	Left	24	125020693061	Right
25	125020693048	Left	25	125020693060	Right
26	125020693049	Left	26	125020693059	Right
27	125020693050	Left	27	125020693058	Right
28	125020693052	Left	28	125020693057	Right
29	125020693053	Left	29	125020693056	Right
30	125020693054	Left	30	125020693055	Right
31	125020693065	Left	31	125020693084	Right
32	125020693066	Left	32	125020693083	Right
33	125020693067	Left	33	125020693082	Right
34	125020693068	Left	34	125020693081	Right
35	125020693069	Left	35	125020693080	Right
36	125020693070	Left	36	125020693079	Right
37	125020693071	Left	37	125020693078	Right
38	125020693072	Left	38	125020693077	Right
39	125020693073	Left	39	125020693076	Right
40	125020693074	Left	40	125020693075	Right

[Print](#)

Resource wise report can be generated by selecting exam name and resource name.

## 4.2.3.9 Seating block report

Help (AAMS - SMS) Dashboard AAMS SMS AAMS-Report SMS-Report Contact US Welcome, test

Dashboard Posts Media Pages Comments 1 Appearance Plugins Users Tools Settings AAMS SMS AAMS Report SMS Report Feedback EMS T & P Cell EMS Report Resource Wise Reports Seating Block Reports Attendance Reports Collapse menu

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**Seating Block Report**

Select Department : Master of Computer Application

Select Exam : MCA\_Midterm\_2014

**View Report**

Seating Block Report			
Class A-20			
Semester	From	To	Total
2013-MCA-SEM-2	135020693001	135020693038	34
Class A-21			
Semester	From	To	Total
2012-MCA-SEM-4	115020693104	125020693084	80
Class A-24			
Semester	From	To	Total
2013-MCA-SEM-2	135020693039	135420693029	60
2012-MCA-SEM-4	125020693085	125020693118	30

Seating block report can be generated by above screen, by selecting exam name.

## 4.2.3.10 Attendance report

The screenshot displays the 'Attendance Sheet' interface within the ASMS application. The 'Select Department' dropdown is set to 'Master of Computer Application'. The 'Select Exam' dropdown is set to 'MCA\_Midterm\_2014'. The 'Select Resource' dropdown is set to 'Class A-20'. The 'Select Class' dropdown is set to '2013-MCA-SEM-2'. The 'View Report' button at the bottom right of the form is highlighted with a red circle. The left sidebar shows a navigation menu with several items, including 'Dashboard', 'Posts', 'Media', 'Pages', 'Comments', 'Appearance', 'Plugins', 'Users', 'Tools', 'Settings', 'AAMS', 'SMS', 'AAMS Report', 'SMS Report', 'Feedback', 'EMS', 'T & P Cell', and 'EMS Report'. The 'Attendance Reports' item under 'EMS Report' is currently selected. The footer of the page contains the copyright notice 'copyrights © all rights reserved @ Atmiya Infotech'.

**EMS Attendance Report****2013-MCA-SEM-2**

Batch No.	Enrollment No.	Student Name	Signature
1	135020693001	Aadroja Rahul Pravinbhai	
2	135020693003	Aghara Radhika Tribhuvanbhai	
3	135020693004	Aondhiya Jay Navnitbhai	
4	135020693006	Bhatt Kirti Jitendrabhai	
5	135020693007	Bhut Urviben Hemantbhai	
6	135020693008	Bhuva Pratapbhai Gorakhbhai	
7	135020693010	Sutariya Binal Vitthaldas	
8	135020693011	Chavda Hareshkumar Baldevbhai	
9	135020693012	Motivaras Chirag Naginbhai	
10	135020693013	Dadvani Sejal Umedbhai	
11	135020693014	Dalsaniya Bhavmika Kanjibhai	
12	135020693015	Dangariya Pareshkumar Gordhanbhai	
13	135020693016	Desai Navnit Shivabhai	
14	135020693017	Desai Vinubhai Zaverbhai	
15	135020693018	Dhamsania Drashti Mahendrabhai	
16	135020693019	Dhankecha Hardik Dipakbhai	
17	135020693020	Dholakiya Nitin Meghjibhai	
18	135020693021	Jethva Dimpy Bipinbhai	
19	135020693022	Dudhagara Rajnik Rameshbhai	
20	135020693023	Ganatra Shruti Nitinbhai	
21	135020693024	Gandhi Moin Sirajbhai	
22	135020693025	Ghelani Vidhi Rameshbhai	
23	135020693026	Gorfal Nitaben Punjabhai	
24	135020693027	Harsoda Amitkumar Girdharbhai	
25	135020693028	Hirani Happy Bhupatral	
26	135020693029	Parsania Hiteshaben Jayantilal	
27	135020693030	Jadeja Namrata Champaksinh	
28	135020693031	Jakasaniya Shital Mohanbhai	
29	135020693032	Jarsaniya Rinkal Shaileshbhai	
30	135020693033	Joshi Chandni Upendrabhai	
31	135020693035	Jotava Gopal Nagabhai	
32	135020693036	Shah Jui Kumarpal	
33	135020693037	Kabariya Ajay Bharatbhai	
34	135020693038	Kanzariya Atulkumar Mahadevbhai	

**Print**

By selecting particular resource, attendance sheet is generated and can be printed by pressing print button.

## **4.4 Security Features**

Project is developed in **PHP**, **Wordpress** and the **back-end** is **MySQLDatabase**.



MySQL provides maximum security. User authentication feature in Applications provide Security and provide you or your systems administrator to manage users centrally on a central Database, rather than repeatedly managing the same users on individuals databases and servers.

Project is developed in Wordpress which provides maximum security as well as good platform.

WordPress is safe. WordPress offers online security to your website and blogs by plug-ins that helps in making a site or blog safer. You should always keep up to date with latest version of WordPress. Older versions of WordPress are not maintained with security updates.



PHP as a language is very secure. For the language itself, it is recommended that you use the latest stable build to keep on top of language-based security. The php maintainers are the ones that create and fix bugs.

My project contains two security features, of which one is password protection and the other is session state.

### **❖ Password Protection**

Every user who is to be allowed to access the project is given his own username and password and given his own access rights so that only authorized and authenticated users can access the project. Also the password is not directly stored in the database to prevent hacking.

### **❖ Session State**

The additional and the most efficient security feature that is added in this project is the session state. Every time a new user logs in, a new session is created. This session is specific for a particular user. All the transactions done by a user are found here. But once the user logs out, the session is cleared. Once the session is cleared, it can't be retrieved again. This minimizes the chances of hacking ones account or any other misuse. This becomes too safe as compared to other features because the sessions are unique.

#### **4.5 Proposed Extensions (Future Enhancement)**

Student Management System core module currently at this stage, not fully responsive. But it can be converted in fully responsive in future.

One click status can be designed for the student dashboard so that he/she can know the status or important notification can be seen easily.

One platform for students and company will be designed so that discussion can be done by other students and company about the queries and general discussion.

E.g: **TCS – Campus Commune.**

Result from the Exam Management System (EMS) will be directly linked to SMS module so the result of the exam will be directly available to students on SMS dashboard.

In seating arrangement for EMS, location for one's location will be available on SMS dashboard so that one doesn't have to search own place in exam classroom.

E.g : Location for your seat in **redbus.in**

## 5.1 Introduction

Testing is a technique of executing a program with the intent of finding an error.

Without testing any system doesn't have a feel of Completeness. I also have applied some sort of testing to our project. Testing is integral part of any system or project.

If testing is conducted successfully, it will uncover errors in the software. Secondly testing demonstrates that software functions appear to be working according to specification and that performance requirements appear to have been met.

In addition, data collected as testing is conducted provides a good indication of software reliability and some indication of software quality as a whole. But there is one thing that testing can do:

Testing cannot show absence of defects, it can only show that software errors are present.



## Objectives of Testing

The main purpose of testing and information system is to find the errors and correct them. A successful test is one finds an errors.

- ❖ To ensure that during the operation the system will perform as per specification.
- ❖ To make sure that the system meets user's requirements during operation.
- ❖ To verify that the control incorporated in the system function as intended.
- ❖ To see that the when correct inputs are fed to the system, the outputs are correct.
- ❖ To make sure that during operations, incorrect inputs, processing and outputs will be detected.
- ❖ Testing is a process of executing a program with the intent of finding an error.
- ❖ A good test case is one that has a high probability of finding an undiscovered error.
- ❖ A successful test is one that uncovers an undiscovered error.

To ensure customer satisfaction, enhance business and set a good reputation for the software developer.

## **5.2 Testing Plan**

A test plan documents the strategy that will be used to verify and ensure that a product or system meets its design specifications and other requirements. A test plan is usually prepared by or with significant input from Test Engineers.

Depending on the product and the responsibility of the organization to which the test plan applies, a test plan may include one or more of the following:

- ❖ **Design Verification or Compliance test** - to be performed during the development or approval stages of the product, typically on a small sample of units.
- ❖ **Manufacturing or Production test** - to be performed during preparation or assembly of the product in an ongoing manner for purposes of performance verification and quality control.
- ❖ **Acceptance or Commissioning test** - to be performed at the time of delivery or installation of the product.
- ❖ **Service and Repair test** - to be performed as required over the service life of the product.
- ❖ **Regression test** - to be performed on an existing operational product, to verify that existing functionality didn't get broken when other aspects of the environment are changed (e.g., upgrading the platform on which an existing application runs).

## **5.3 Testing Strategy**

A test strategy is an outline that describes the testing approach of the software development cycle. It is created to inform project managers, testers, and developers about some key issues of the testing process. This includes the testing objective, methods of testing new functions, total time and resources required for the project, and the testing environment.

This testing ensures that application program written in isolation work properly when they are integrated into his total system. This strategy was considered to find discrepancies between system and its original objectives, current specification and system documentations. The primary concern is to check the compatibility of individual modules. This testing worked perfectly and found out some flaws in our module particularly based on interaction with other module and all of them were resolved properly.

### **5.3.1 Testing Methods**

I have done unit testing for each class of the program. After completing unit testing successfully, we will then test the combining classes using the Integration testing method. After both these testing methods we will then test the module through input values.

### **5.3.1.1 Unit Testing**

Our team will test each class using the O.C.Unit testing application. This test will check the outcome of a class from every general input. It will test all the possibilities of the application that may cause the application to fail.

### **5.3.1.2 Integration Testing**

For each finished and working class in the Linux OS (after going through the Unit testing), we will integrate that class to the project, test the project as a whole and finally transfer the Project to the Linux server and check if the Project performs the same as in the local host.

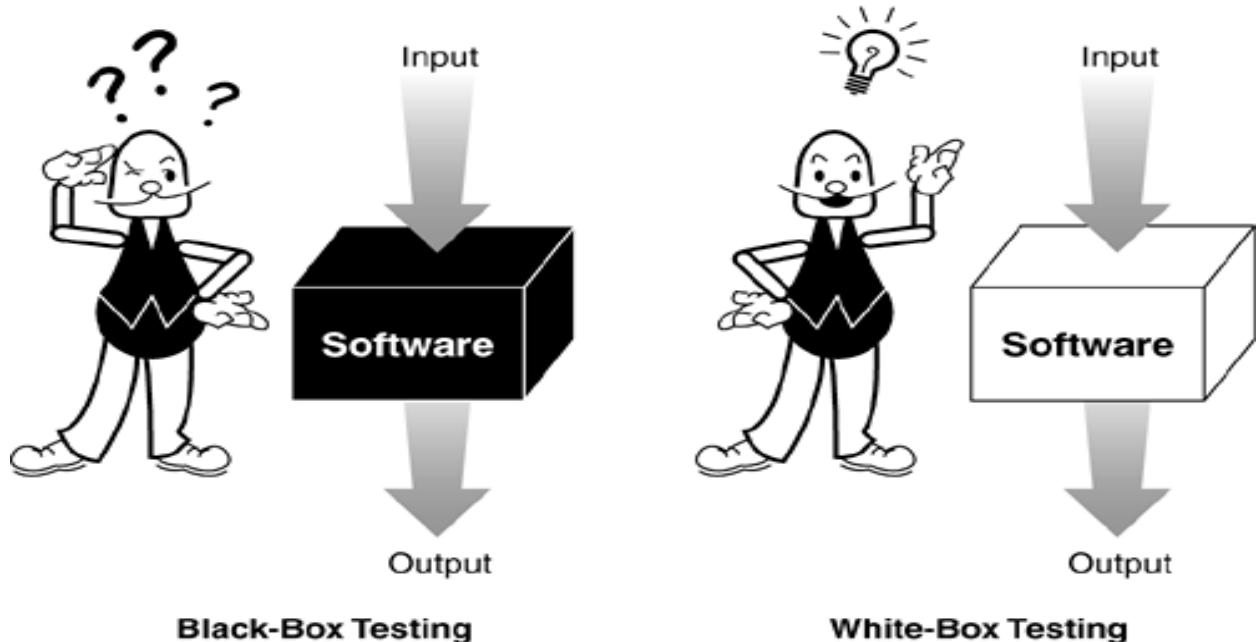
### **5.3.1.3 User Acceptance Testing**

Now, after completing those two testing's, the time to test the final version of the project, this will take into account how the project works in an everyday situation. Most of our testing time will be spent in user testing to get accurate feedbacks of the user and how we may further enhance our users experience with the help of our application.

## **5.4 Testing Types**

There are different testing types:

**White box testing** and **black box testing**. In this chapter, both types will be introduced, evaluated and compared.



#### **5.4.1 Black-Box Testing**

In Black-Box testing or Functional testing, Developer is concerned about the output of the module and whole project, i.e. whether the project gives proper output as per the requirements or not .In another words, these testing aims to test a program's behavior against its specification without making any reference to the internal structure of the program or the algorithms used. Therefore the source code is not needed, and so even purchased modules can be tested.

This can be done in the following way:

- ❖ Input Interface
- ❖ Processing
- ❖ Output Interface

The tested program gets certain inputs .Then the program does its job and generates a certain output, which is collected by a second interface. This result is then compared to the expected output, which has been determined before the test.

#### **5.4.2 White-Box Testing**

White-Box Testing also called “Glass Box” or “Structural” testing Tester has access to the system design.

They can:

- ❖ Examine the design document
- ❖ View source code
- ❖ Individual path examine one time

The intention in white box testing is to ensure that all possible feasible flow of control paths through a subprogram is traversed while the software is under test. This is not the same as saying that all statements in the subprogram will be executed as it is possible for all statements to be executed but for not all of the possible paths to be traversed. However, the converse is true; if all possible paths through a subprogram are traversed.

When considering the number of possible paths through a subprogram two other factors need to be remembered. The first is that some of the possible paths through a subprogram turn out upon investigation to be non-feasible paths. The second consideration is that the number of possible paths through a subprogram indicated by a flow graph analysis will indicate the minimum number of paths to ensure complete coverage. This may be less than the total number of paths which are possible when combinations of paths are allowed.

White Box testing is used as an important primary testing approach. Here code is inspected to see what it does; tests are designed to exercise the code. Code is tested using code scripts, driver, etc which are employed to directly interface with and drive the code.

The tester analyses the code and uses the knowledge about the structure of a component to derive the test data.

## CHAPTER-6 INSTALLATION

### 6.1 Different ways for installation plug-in in Wordpress

There are three ways of installing a Wordpress plugin

- ❖ Automatically through Wordpress
- ❖ Manually uploading a plugin through Wordpress
- ❖ Manually uploading a plugin via FTP

### 6.2 Steps for installation plug-in in Wordpress

**Step 1:** Click on Plug-in and press Add New option.



**Step 2:** Directly upload your plug-in zip file by clicking on *Upload*:



Then Click on ***Install Now***. The plugin will be uploaded to your blog and installed.

**Step 3:** You will be presented with a list of plugins. Locate your plugin and press **Activate** or **Deactivate** link.

<input type="checkbox"/> <b>Atmiva Student Management System</b>	Atmiya Student Management System (Ver 1.0) (07-02-2014) <a href="#">Deactivate</a> <a href="#">Edit</a>
<input type="checkbox"/> <b>Atmiya Training &amp; Placement Cell</b>	Atmiya Training & Placement Cell <a href="#">Deactivate</a> <a href="#">Edit</a> Version 1.0 (09-04-2014)   By Rajan Trivedi (Ver 1.0) (09-04-2014)   Visit plugin site

## **CHAPTER-7** **LEARNING DURING PROJECT WORK**

### **7.1 Learning during project work**

#### **7.1.1 Company Environment**

Project learning has become a very important part of the curriculum at **Atmiya InfoTech**. It is essential for the development of research skills, intelligent behaviors and thinking strategies. In project work, I come to know many types of the creation, execution and finished production of an experiment/ review/survey/etc.

The nature of the project is dynamic as it goes through conception, configuration, contradiction, confusion, reconfiguration and eventually culmination and celebration. Occasions will arise where you have to deal with controversies, to identify and solve problems, to create new ideas, or to make difficult decisions.

There can be **three stages** in project work in general. In the **first level** of activities, you should select a project with the help of the lecturer. After consulting the lecturer for guidelines, you should embark on the initial stage of reading for background information, researching and taking notes, building a reference list, interviewing experts, viewing films and videos, developing an outline, talking with peers, surfing the Internet, checking and double-checking sources, visiting sites, as well as gathering charts, maps and illustrations. Such activities lay the groundwork for the inventiveness of the latter two stages.

As a project enters the **second phase**, you should begin to try to make sense of the information collected. You may discover that some information is relevant and some is not. At this level, you should try to analyze whatever information you have, sort the information into meaningful chunks, and synthesize it in order to move the project forward. If a team of students is involved, members must find ways to share their information.

At the **third phase**, you should divide and prioritize tasks, check timelines, take any necessary emergency measures and stay alert. You would perform activities like model building, construction, assembling, synthesizing ideas, rethinking or re-conceptualizing, finishing touches, decorative details, evaluative testing, peer review, self-assessment, evaluation against criteria, expert review, final submittals and celebrations.

Certain intelligent behaviors are important for successful project work (e.g. curiosity, openness, reality orientation, objectivity, precision, confidence, responsibility, consensus and collaboration). When you undertake a project, you should focus on not only what you know, but also how you behave when you don't know. It is only when you are confronted with questions and problems for which you do not know the immediate answer that you develop intelligent behaviors which include persistence, decreasing impulsivity, listening to others, cooperative thinking, flexibility in thinking, a sense of humor, drawing on past knowledge and applying it to new situations, and risk taking.

For a successful project learning experiment, it is essential for you to have not only a positive ‘**I can**’ attitude, but also the ‘**I enjoy**’ feeling. Only then will you want to undertake new projects and to solve new problems; and without realizing it, you will voluntarily continue to learn throughout a lifetime.

**Atmiya Infotech** is an organization that is built on a strong foundation of trust. It offers cutting-edge solutions and services, enabled by stringent quality standards, exceptional resource capabilities and a consistent record of delivering solutions to customers, on time and on budget, every time.

**Atmiya Infotech** is involved in Software development, Software training, web designing, web applications and project management.

Today after 3.5 months since we are proud of all the sincere efforts and commitment that we have put into our project “**ASMS**” as it’s only our “hard work” that to reach our goal.

One has to learn to work in a team. Throughout our career we would be interacting with lot many people on the professional front. we enjoyed working with the organization and it was a great learning experience.

All along we have been well and truly supported and encouraged by our project guide, faculties and friends and so they surely deserve our hearty thanks.

### **7.1.2 What is project trainee?**

The project trainee is the person who seeking the training for particular domain and learning its related concepts like: planning, developing, testing and maintenance of the task under the guidelines and motivation of the project guide appointed by the company.

### **7.1.3 What is project guide?**

Organization provide the trainee the project guide who helped and gave better guidelines and provide perfect way to complete our project task.

Project guide provide us how to work in **REAL-TIME** environment on live applications.

### **7.1.4 Team Work**

Organization provides us team members during project duration. Team work is for sharing knowledge with in group.I got the great experience with knowledge sharing to each other in a group tasks which are other employees of the company.

### **7.1.5 WordPress(Framework)**

WordPress is simple, easy to learn and use. It is very simple software and it does not need any technical knowledge to operate and use it. It provides a user friendly environment to user.

Wordpress can install plug-in easily. Plug-in help in adding many things like pictures, videos, maps, applications etc. You can utilize all these facilities in wordpress in a very low cost. Also install themes, create widgets and add pages & posts.

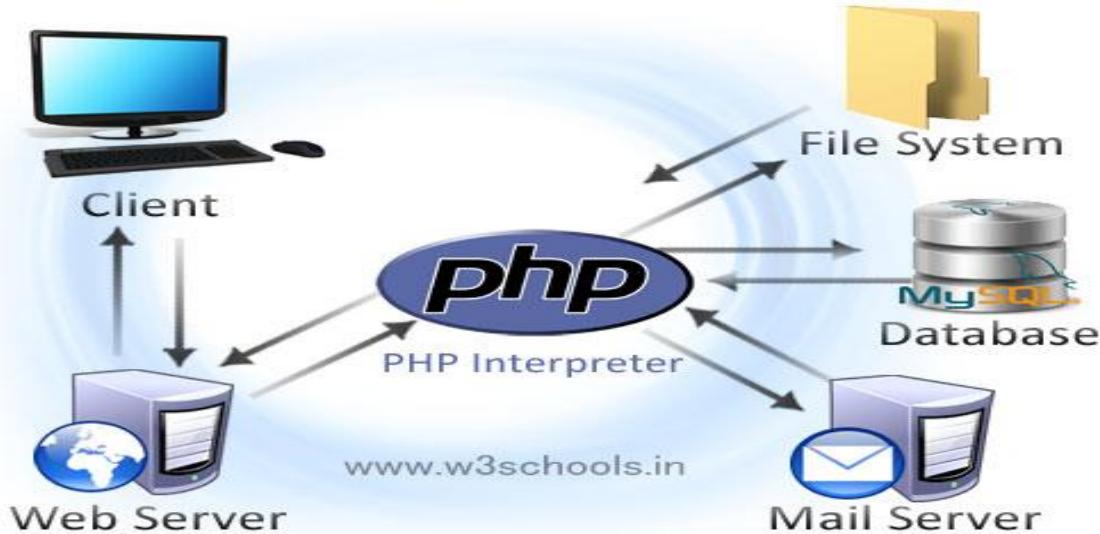
We learn during our project work how to create plug-in & widget, how to use theme and how to add pages & post. We also learn how to install different themes & plug-in in Wordpress.

Wordpress features are:

- ❖ Wordpress is free or open source software means many people are working on it.
- ❖ Wordpress offers many tools to change and modify the look and design your website. Wordpress provides the facility to customize your website or blog very quickly.
- ❖ Favored by Google as it is SEO friendly and blogs published through WordPress is easy to find in Google and other search engines like Yahoo, Bing etc.

### 7.1.6 PHP

PHP (recursive acronym for *PHP: Hypertext Preprocessor*) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.



We learn how actually PHP works.

PHP is one of the most popular server side scripting languages running today. It is used for creating dynamic web pages that interact with the user offering customized information. PHP offers many advantages; it is fast, stable, secure, easy to use and open source.

PHP code is inserted directly into the HTML that makes up a website. When a visitor comes to the website, the code is executed. Because PHP is a server side technology, the user does not need any special browser or plug-ins to see the PHP in action.

A huge advantage that PHP offers is its community. Since PHP is an open source project, the PHP community is willing to share.

### **Testing projects and analysis**

With the help of project guide, I got an experience of how to testing and analysis done on project. At Time of testing we found number of Errors, but through the proper guidance, errors are resolved by us. I also learn how to analysis all types of errors and how to resolve it.

#### **7.1.8 Problems and solutions**

At a time of developing I got so many types of problems and errors. Those errors and problems solved with the help of project guide.

I thanks to our organization for providing us to batter platform with the best project guide for improving our knowledge and experience.

## **CHAPTER-8** **ABOUT TOOLS AND TECHNOLOGY**

### **8.1 PHP**

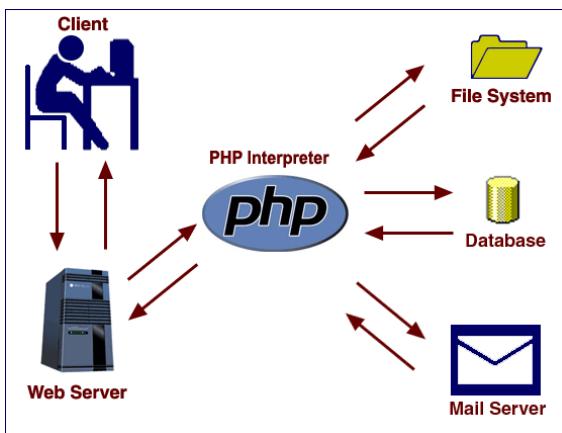
Since the Internet is packed with millions of acronyms, PHP is another one! PHP stands for PHP-Hypertext Preprocessor. Yes, the acronym is recursive and for the purposes of this class, we will just call it "PHP."



The PHP programming language is a server-side HTML embedded scripting language.

The above sentence indicates that : the PHP language runs on the server-side. This means that the execution (read starting) of the scripts are done on the server where the web-site is hosted. HTML embedded means that you can use PHP statements (read a piece of PHP code) from within an HTML code. PHP files are returned to the browser as plain HTML.

A scripting language is a form of programming language that is usually interpreted rather than compiled. In **programming languages such as C or C++**, you compile the program (permanently) into an executable file, before you can execute the program. A program that is written in a scripting language, is interpreted one command at a time by a command interpreter (Command interpreter is in most cases an executable written in another language (for instance C/C++) than the scripting language.) Some other examples of scripting languages are Perl, Phyton, Java and Ruby.



Above image states how PHP works.

## **8.2 WordPress**

WordPress is a free and open source blogging tool and a content-management system based on PHP and MySQL, which runs on a web hosting service.



**WORDPRESS**

WordPress started in **2003** with a single bit of code to enhance the typography of everyday writing and with fewer users than you can count on your fingers and toes. Since then it has grown to be the largest self-hosted blogging tool in the world, used on millions of sites and seen by tens of millions of people every day.

There is no denying that WordPress has taken over the online world with it's simple to use, often updated, open source software weblog that is now called WordPress.

WordPress is an **Open Source project**, which means there are hundreds of people all over the world working on it. Basic features of wordpress are pages, posts, plug-in, widgets.

WordPress is currently the most popular CMS in use on the Internet and here is the short, but impressive history of WordPress and how it came to be. **WordPress** is web software you can use to create a beautiful website or blog.

Current version of WordPress is **WordPress - 3.9** , released on **16 th April,2014**.

### **8.2.1 Features**

The most powerful free website tool

WordPress is one of the most widely used FREE website tools on the web. It offers easy administration, yet rich functionality and has a large supporting community, which provides almost any type of theme or plugin for WP.

WordPress is easy to use, yet very powerful

WordPress has an intuitive administration interface which anyone can handle. In WordPress you will be able to compose a post and publish it on your website with just a few clicks! With WordPress you can easily customize the look of your website for there are lots of free WordPress themes available on the Net.

WordPress is easily customizable

It is very easy to change your WP theme. There is a great variety of freely distributed WordPress themes, which you can quickly download and install. You can also control the appearance of the blog content by editing the WordPress template installed on your blog. To do that just uses the easy Template Editor tool and the Template Tags.

Other features provided by WordPress are:

- ❖ Choose your Username and Password
- ❖ New Default Theme
- ❖ Custom Background Support
- ❖ Multi-site Capabilities and WPMU Codebase Merge
- ❖ Custom Post Types
- ❖ Custom Taxonomies
- ❖ Easy Menu Management
- ❖ A Bunch of Other Smaller Features

### 8.3 MySQL Database

MySQL is a powerful database. It's very good and free of charge. Many developers in the world selected MySQL and php for developing their website.

The MySQL database has become the world's most popular open source database because of its consistent fast performance, high reliability and ease of use. It's used in more than 6 million installations ranging from large corporations to specialized embedded applications on every continent in the world. (Yes, even Antarctica!)



Not only is MySQL the world's most popular open source database, it's also become the database of choice for a new generation of applications built on the LAMP stack (Linux, Apache, MySQL, PHP / Perl / Python.) MySQL runs on more than 20 platforms including Linux, Windows, OS/X, HP-UX, AIX, Netware, giving you the kind of flexibility that puts you in control.

Databases can be difficult to manage using just individual SQL statements. It is much easier to manage a database using a graphical user interface (GUI). One of the best and most popular GUI's for managing a MySQL database is called phpMyAdmin. It is a web-based application that makes it easy to manage your MySQL database. PhpMyAdmin will let you add, remove and manage databases, tables, and entries; backup the database, run specific SQL queries, search and import record, and much more.

Latest version of MySQL database is **5.6.17**.

### 8.4 XAMPP

XAMPP is a small and light apache distribution containing the most common web development technologies in a single package. Its contents, small size, and portability make it the ideal tool for developing and testing applications in PHP and MySQL.



**X:** "Cross" as in it's mean to be read as cross-platform because it can run on many different operating systems which are Windows, Mac OS X, Linux and Solaris.

**A:** Apache HTTP Server

**M:** MySQL

**P:** PHP

**P:** Perl

XAMPP requires only one zip, tar, 7z, or exe file to be downloaded and run, and little or no configuration of the various components that make up the web server is required. XAMPP is regularly updated to incorporate the latest releases of Apache/MySQL/PHP and Perl. It also comes with a number of other modules including OpenSSL and phpMyAdmin.

### Advantages

- ❖ You can start and stop the whole web server + database stack with one command.
- ❖ XAMPP is portable so you can carry it around on a thumb drive.
- ❖ The security settings are strict by default, nobody but you will be able to access the web server.
- ❖ Php error reporting is enabled by default, which helps when debugging scripts.

## 8.5 IDE (Net Beans)

**Net Beans IDE** is an open-source integrated development environment. Net Beans IDE supports development of all Java application types (Java SE (including JavaFX), Java ME, web, EJB and mobile applications) out of the box. Among other features are an Ant-based project system, Maven support, refactoring, version control (supporting CVS, Subversion, Mercurial and Clear case).



Two main features of Net Beans are:

**Modularity:** All the functions of the IDE are provided by modules. Each module provides a well defined function, such as support for the Java language, editing, or support for the CVS versioning system, and SVN. NetBeans contains all the modules needed for Java development in a single download, allowing the user to start working immediately. Modules also allow NetBeans to be extended. New features, such as support for other programming languages, can be added by installing additional modules. For instance, Sun Studio, Sun Java Studio Enterprise, and Sun Java Studio Creator from Sun Microsystems are all based on the NetBeans IDE.

**Debugger:** The NetBeans IDE for PHP also offers command-line debugging: The PHP program output appears in a command line display in the IDE itself and you can inspect the generated HTML without having to switch to a browser.

## **8.6 Adobe Photoshop CS6**

Photoshop can do lot of things, but Photoshop is best known and suited for image editing-most commonly, photo retouching and manipulation.

Adobe calls it “professional image-editing standard,” and it is. Photoshop also has painting, drawing, text manipulation, and web imaging tools. Photoshop shares a similar interface and is compatible with other Adobe products (e.g., PageMaker, InDesign, Illustrator, GoLive, etc).



## 9.1 Planning and Schedule of the Project

Project Planning & Scheduling Services enable our client to develop a detailed project execution plan that will map the strategy to be followed in achieving the project deliverables within the project milestone dates.

In addition, it will identify the required resources and will be used to monitor usage to ensure what is required has been committed to the project. The project plan will be used to show how the project budget will be spent during the project duration.

To provide a brief introduction to project planning and scheduling. The critical area where project management meets system development.

The management of a project, that is organizing the resources (primarily, but not exclusively, people and equipment) to achieve the goals of the project (critically timeliness) are the responsibility of the project manager

The project manager may be an individual but is commonly a role played by the lead system developer, even if the lead system developer is not the project manager it is essential that he or she has a good understanding of project management task

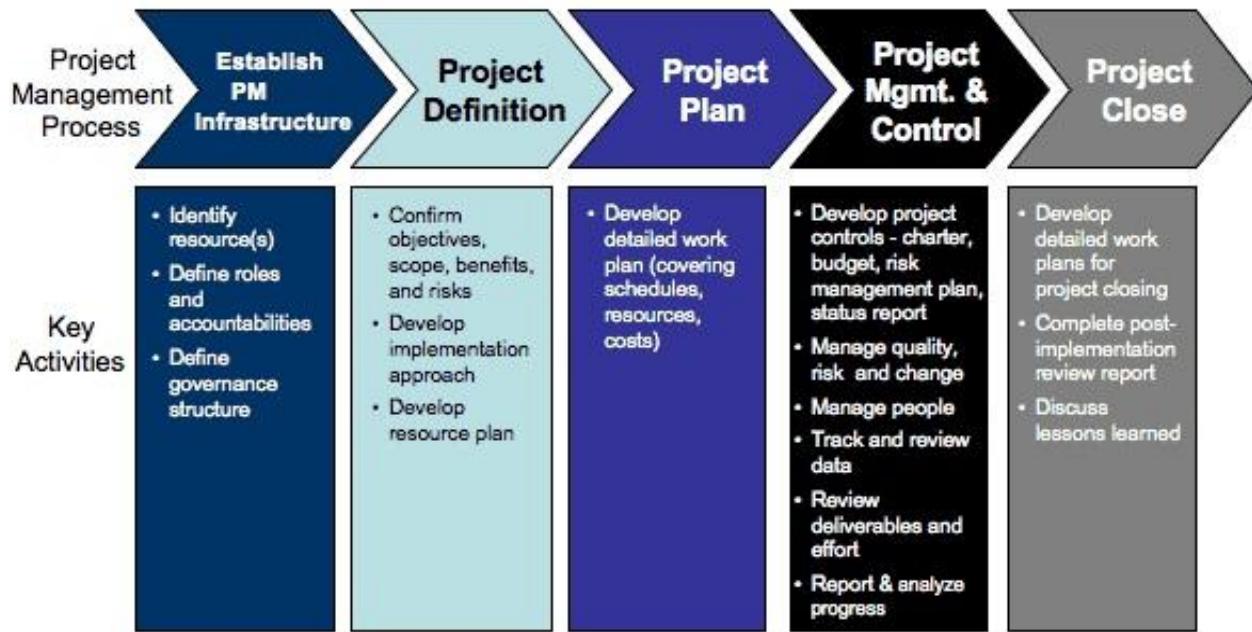
Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment.

There are two very well known techniques for network scheduling Critical Path Method (CPM) and (PERT).



## 9.2 Project Management

Project management is a carefully planned and organized effort to accomplish a successful project. A project is a one-time effort that produces a specific result, for example, a building or a major new computer system.



Project Management defines "the application of knowledge, skills, tools and techniques to a broad range of activities in order to meet the requirements of a particular project." The process of directing and controlling a project from start to finish may be further divided into 5 basic phases

### 9.2.1 Project conception and initiation

An idea for a project will be carefully examined to determine whether or not it benefits the organization. During this phase, a decision making team will identify if the project can realistically be completed.

### 9.2.2 Project definition and planning

A project plan, project charter and/or project scope may be put in writing, outlining the work to be performed. During this phase, a team should prioritize the project, calculate a budget and schedule, and determine what resources are needed.

### 9.2.3 Project launch or execution

Resources' tasks are distributed and teams are informed of responsibilities. This is a good time to bring up important project related information

#### **9.2.4 Project performance and control**

Project managers will compare project status and progress to the actual plan, as resources perform the scheduled work. During this phase, project managers may need to adjust schedules or do what is necessary to keep the project on track.

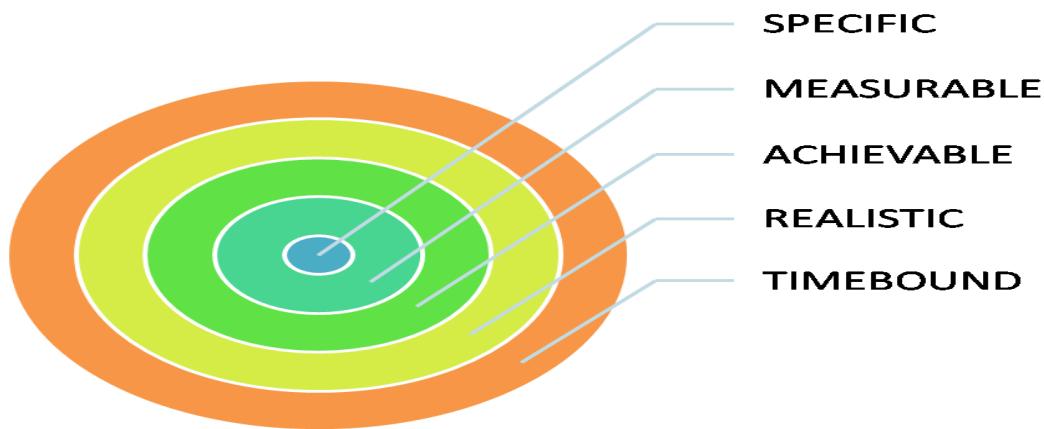
#### **9.2.5 Project close**

After project tasks are completed and the client has approved the outcome, an evaluation is necessary to highlight project success and/or learn from project history.

Projects and project management processes vary from industry to industry; however, these are more traditional elements of a project. The overarching goal is typically to offer a product, change a process or to solve a problem in order to benefit the organization.

### **9.3 Project Objectives**

Project objectives define target status at the end of the project, reaching of which is considered necessary for the achievement of planned benefits. They can be formulated as S.M.A.R.T.



#### **9.3.1 Specific**

Goal objectives should address the five Ws... who, what, when, where, and why. Make sure the goal specifies what needs to be done with a timeframe for completion. Use action verbs... create, design, develop, implement, produce, etc.

Example: resolve accounting discrepancies within 48 hours.

#### **9.3.2 Measurable**

Goal objectives should include numeric or descriptive measures that define quantity, quality, cost, etc. How will you and your staff member know when the goal has been successfully met? Focus on elements such as observable actions, quantity, quality, cycle time, efficiency, and/or flexibility to measure outcomes, not activities.

Example: secure pledges from ten new donors by the end of each week.

### **9.3.3 Achievable**

Goal objectives should be within the staff member's control and influence; a goal may be a "stretch" but still feasible. Is the goal achievable with the available resources? Is the goal achievable within the timeframe originally outlined? Consider authority or control, influence, resources, and work environment support to meet the goal.

Example: obtain the XYZ professional certification within two years.

### **9.3.4 Relevant**

Goals should be instrumental to the mission of the department (and ultimately, the institution). Why is the goal important? How will the goal help the department achieve its objectives? Develop goals that relate to the staff member's key accountabilities or link with departmental goals that align with the institutional agenda.

Example: develop and implement a diversity recruitment plan that increases the number of diversity candidates by ten percent.

### **9.3.5 Time-bound**

Goal objectives should identify a definite target date for completion and/or frequencies for specific action steps that are important for achieving the goal. How often should the staff member work on this assignment? By when should this goal be accomplished? Incorporate specific dates, calendar milestones, or timeframes that are relative to the achievement of another result (i.e., dependencies and linkages to other projects).

Example: check the fire alarms and emergency lighting in all buildings every six months.

The evaluation (measurement) occurs at the project closure. However a continuous guard on the project progress should be kept by monitoring and evaluating.

#### **9.4 Task sheet of Application**

<b>Sr. No</b>	<b>Task</b>	<b>Duration</b>
1	Project topic discussion	1 Week
2	Understanding requirements	1 Week
3	Study of new technology HTML,PHP Wordpress plugin development SQL database queries	3 Weeks
4	Developing documentation	1 Week
5	Analysis Feasibility study Use case diagram	2 Weeks
6	Design Sequence diagram Class diagram Activity diagram Data dictionary	1 Week
7	Implementation User interface Design functions and files from diagrams Coding for implementation Coding for validation	4 Weeks
8	Testing Testing of project Action taken for testing	1 Week
9	System testing Installation of plug-ins	1 Week
10	Complete project	1 Week
	<b>Total</b>	<b>16 Weeks</b>

**CHAPTER-10**  
**GLOSSARY**

<b>AAMS</b>	Atmiya Academic monitoring System
<b>ASMS</b>	Atmiya Student management System
<b>T&amp;P Cell</b>	Training and placement cell
<b>SMS</b>	Student management System
<b>PHP</b>	Hypertext Preprocessor / Personal Home Page
<b>WP</b>	Wordpress
<b>CMS</b>	Content Management System
<b>XML</b>	Extensible Markup Language
<b>HTTP</b>	Hyper Text Transfer Protocol
<b>HTTPS</b>	Hyper Text Transfer Protocol Secure
<b>IP</b>	Internet Protocol
<b>URL</b>	Uniform Resource Locator
<b>OS</b>	Operating System
<b>SQL</b>	Structured Query Language
<b>HTML</b>	Hyper Text Markup Language
<b>CSS</b>	Cascading Style Sheet
<b>IDE</b>	Integrated Drive Electronics
<b>XAMPP</b>	Apache MySQL PHP Perl
<b>LAMP</b>	Linux Apache MySQL PHP/Perl

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