

## **Chapter 1**

# **INTRODUCTION**

Pesit Event Management System is used to manage all the activities related to college events. In any event, many service providers work simultaneously and it is very hard to manage these providers. It is also important that an event organizer has all the contact details of the service providers so that they can contact them any time to plan an event. To manage all the activities we have developed this web project. To obtain success in the event management, the user should have strong network contacts of the service provider. These contacts are essentially providers of specific services that can be mobilized quickly to participate in any given college event. To make an event successful, the event manager needs different services providers like no two events shouldn't clash on the same day of the event occur and for the technical events, all the students being provided proper Goodies, Canteen services and stage construction and so on.

In present system Event management works manually. They keep all payments information on papers. There check payments registers and this task is very time consuming and tiresome. Keeping this entire problem in mind we have developed this system. This system helps the college event management to manage their paperwork online and they can also retrieve the list of previous events they have completed.

## **PROJECT REQUIREMENTS**

### **HARDWARE**

- Processor : intel i5 2.4 GHz, 64bitprocessor
- Ram : 4 GB RAM
- Hard Disk : 50 GB

### **SOFTWARE**

- Operating System : WINDOWS 10
- Programming Language : PHP, HTML, CSS
- Database : MYSQL

## **Literature Survey**

### **Existing System:**

In the existing system, there is a lot of paper work; it is very time consuming and uneconomical as most of the works include manual processing. The records are difficult to store in manual system, and it requires more manual labor work.

### **Proposed System:**

In the proposed event management system, everything is web-based. This will immediately reduce the manual processing, thereby increasing the speed of event management process. There are various functions and modules in the system to perform various features. This overall increases management productivity, eliminate paper works, reduce manpower, and prove to be very economical in the long run.

## **Chapter 4**

### **Problem Statement**

During an academic year in any college multiple events take place. The events are conducted by the college management and requires a lot of student participation and volunteering for the success of the events. Most of the students are always either willing to participate or volunteer for events occurring in the college but students get to know about the happenings of these events through a word of mouth which doesn't reach the entire student population most of the time or the process of registering or signing up for volunteering is not an easy task and the deadline for the same are usually for a short duration of time and will not be convenient for all the students to register due to constraints. This website is to ensure that the students do not have to look at multiple links and keep a track of multiple messages. It is a one stop for all the students to know about all the events happening in the academic year and also register for the same.

## System Design

Our project consists of eight tables in total.

### Table 1 : Activityday

This table has entries of all the events of ActivityDay

```
mysql> desc activityday;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name       | varchar(30)   | NO   |     | NULL    |       |
| day        | varchar(10)   | NO   |     | NULL    |       |
| fees       | int(5)        | NO   |     | NULL    |       |
| image      | varchar(30)   | NO   |     | NULL    |       |
| description | varchar(400)  | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

Fig 5.1 Activityday table

### Table 2 : Admin

This table has entries of the credentials of the admin

```
mysql> desc admin;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name       | varchar(30)   | NO   |     | NULL    |       |
| password   | varchar(30)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

Fig 5.2 Admin table

### Table 3 : Feedback

```
mysql> desc feedback;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name       | varchar(30)   | NO   |     | NULL    |       |
| email      | varchar(30)   | NO   |     | NULL    |       |
| subject    | varchar(50)   | NO   |     | NULL    |       |
| message    | varchar(300)  | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

This table has entries of the feedback given

Fig 5.3 Feedback table

**Table 4 : Maaya**

This table contains entries of all the events of Maaya

```
mysql> desc maaya;
```

Field	Type	Null	Key	Default	Extra
name	varchar(30)	NO		NULL	
day	varchar(10)	NO		NULL	
fees	varchar(5)	NO		NULL	
image	varchar(30)	NO		NULL	
description	varchar(400)	NO		NULL	

5 rows in set (0.00 sec)

**Fig 5.4 Maaya table**

**Table 5 : Register**

This table contains entries of all volunteers that registered

```
mysql> desc register;
```

Field	Type	Null	Key	Default	Extra
name	varchar(256)	NO		NULL	
birthday	varchar(256)	NO		NULL	
gender	text	NO		NULL	
email	varchar(256)	NO		NULL	
phone	text	NO		NULL	
usn	text	NO		NULL	

6 rows in set (0.00 sec)

**Fig 5.5 Register table**

**Table 6 : Students**

This table contains entries of all the students

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
name	varchar(30)	NO		NULL	
usn	varchar(30)	NO		NULL	
email	varchar(30)	NO		NULL	
phone	varchar(30)	NO		NULL	
regvol	varchar(30)	NO		NULL	
event	varchar(30)	NO		NULL	

6 rows in set (0.00 sec)

**Fig 5.6 Students table**

**Table 7 : Technical**

This table has entries of all the technical events

```
mysql> desc technical;
```

Field	Type	Null	Key	Default	Extra
name	varchar(30)	NO		NULL	
date	date	NO		NULL	
time	time(6)	NO		NULL	

3 rows in set (0.01 sec)

**Fig 5.7 Technical table**

**Table 8 : Tedx**

This table has entries of all the previous speakers of TEDx

```
mysql> desc tedx;
```

Field	Type	Null	Key	Default	Extra
name	varchar(30)	NO		NULL	
image	varchar(100)	NO		NULL	
description	varchar(400)	NO		NULL	

3 rows in set (0.00 sec)

**Fig 5.8 Tedx table**

## Chapter 6

# Implementation

### 6.1 Introduction:

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective.

The implementation stage involves careful planning, investigation of the existing system and its constraints on implementation, designing of methods to achieve change over and evaluation of change over method.

### 6.2 Implementation Phase:

The implementation is the final and important phase. It involves User training, system testing and successful running of the developed system. The users test the developed system when changes are made according to the needs.

The testing phase involves the testing of the developed system using various kinds of data. An elaborate testing of data is prepared and system is testing using the tests data. Implementation is the stage where theoretical design turned into a working system.

Implementation is planned carefully to propose system to avoid unanticipated problems. Many preparations involved before and during the implementation of proposed system.

The tasks that had to be done to implement the system were to create the database tables in the organization database domain. Then the administrator was granted his role so that the system could be accessed. The next phase in the implementation was to educate the system.

A demonstration of all the implementation was to educate the system. A demo of all functions that can be carried out by the system was given to examination department person, who will make extensive use of the system.



## **Testing**

The completion of a system is achieved only after it has been thoroughly tested. Though this gives a feel the project is completed, there cannot be any project without going through out this stage. Hence in this stage it is decided whether the project can undergo the real time environment execution without any breakdowns, therefore a package can be rejected even at this stage implementation. Test techniques include the process of executing a program or application with the intent of finding software bugs (errors or other defects), and verifying that the software product is fit for use.

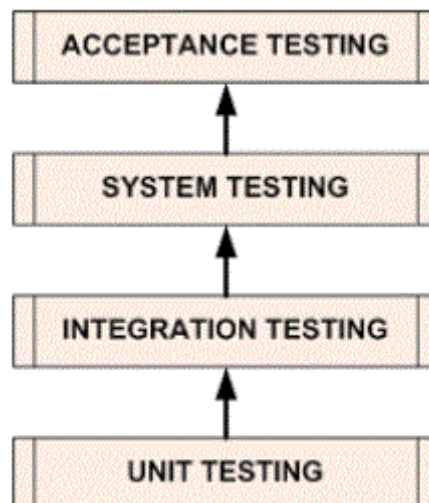
The application developed in this project is realized into two main modules namely:

1. Admin
2. Students

Each of these modules are composed of smaller sub modules. Each of these sub modules were developed and tested independently. Once the sub modules successfully cleared the test cases, they were integrated to form modules which in turn was integrated to obtain the entire application.

### **7.1 LEVELS OF TESTING**

The following are the main levels of testing:



**Fig: 7.1 Levels of testing**

### **7.1.1 Unit testing:**

A level of the software testing process where individual units/components of a software/system are tested. The purpose is to validate that each unit of the software performs as designed. During the implementation of the system each module of the system was tested separately to uncover errors within its boundaries.

### **7.1.2 Integration testing:**

Integration is a systematic technique for the constructing the program structure while conducting tests to uncover errors associated with interfacing. The objective is to take unit tested and module and build a program structure that has been dictated by design.

### **7.1.3 System testing:**

Testing is a set of activities that can be planned in advance and conducted systematically. The proposed system is tested in parallel with software that consists of its own phases of analysis, implementation, testing and maintenance. Following are the tests conducted on the system

### **7.1.4 Acceptance testing:**

The software has been tested with the realistic data given by the client and produced fruitful results. The client satisfying all the requirements specified by them has also developed the software within the time limitation specified. A demonstration has been given to the client and the end user giving all the operational features.

## **7.2 Test Environment**

All the testing was done on the latest version of Google Chrome. The system was tested rigorously with various sets of data and also looked for various exceptions and handled them.

## **7.3 Unit Testing of Main Modules**

The two main modules in this application are: Admin and Customer. The testing of these modules is described in the following sections.

### 7.3.1 Unit Testing of Admin Module

This is available only to the Admin. We executed the following test cases for testing this module:

Table 7.1: Unit Test Case 1

Test Case ID	Unit Test Case 1
Description	View events in the database
Input	Specify events and event type
Expected output	Tabular column consisting of all the events
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

Table 7.2: Unit Test Case 2

Test Case ID	Unit Test Case 2
Description	Add Events into the database
Input	Events Details
Expected output	Notification specifying successful Addition of Events
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

Table 7.3: Unit Test Case 3

Test Case ID	Unit Test Case 3
Description	Removal of Events from the database
Input	Select the Events to be deleted
Expected output	Notification specifying successful deletion of Events
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

Table 7.4: Unit Test Case 4

Test Case ID	Unit Test Case 4
Description	Registration made by Students
Input	Button Click
Expected output	Tabular column displaying Registration made by students
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

Table 7.5: Unit Test Case 5

Test Case ID	Unit Test Case 5
Description	View feedback of Students
Input	Button click
Expected output	Tabular column displaying feedbacks of students
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

All the above tests were successful. The behavior of this module was as expected.

### 7.3.2 Unit Testing of Student Module

This is available only to the Customer. We executed the following test cases for testing this module:

Table 7.6: Unit Test Case 6

Test Case ID	Unit Test Case 6
Description	Carousel display
Input	Click on link
Expected output	Open particular webpage
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

Table 7.7: Unit Test Case 7

Test Case ID	Unit Test Case 7
Description	Gallery
Input	slide the mouse
Expected output	Image zoom out
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

Table 7.8: Unit Test Case 8

Test Case ID	Unit Test Case 8
Description	Video and list of events
Input	Button click
Expected output	Register/Volunteer
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

Table 7.9: Unit Test Case 9

Test Case ID	Unit Test Case 9
Description	Prominent Speakers
Input	Carousel and List of Speakers
Expected output	Register/Volunteer
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

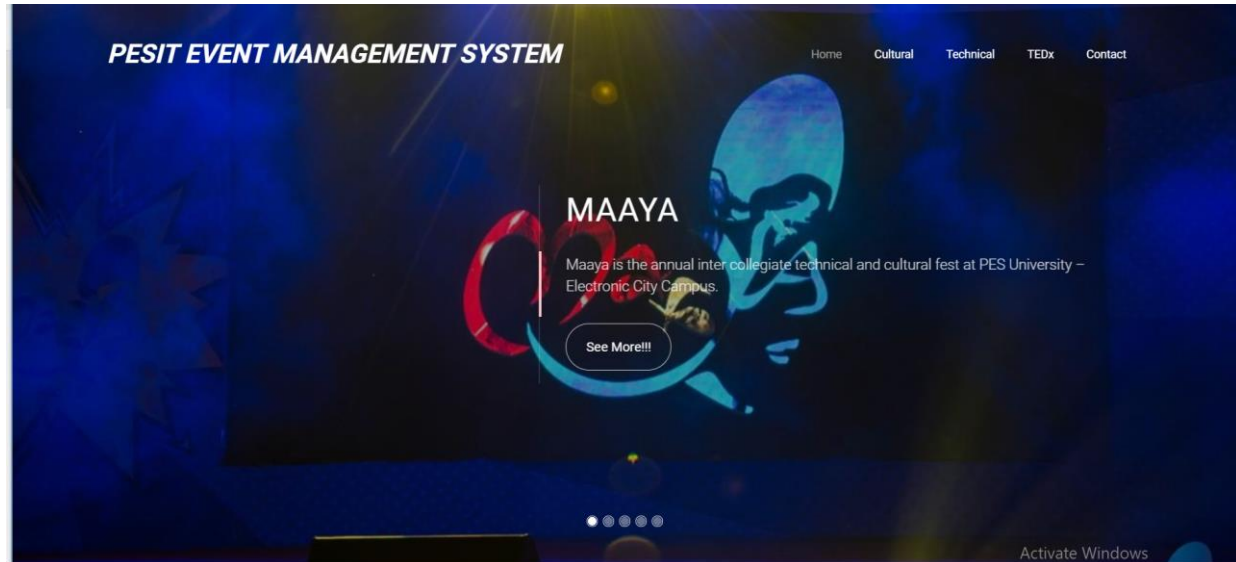
Table 7.10: Unit Test Case 10

Test Case ID	Unit Test Case 10
Description	Feedback
Input	Details pertaining to feedback
Expected output	Message denoting successful input of feedback
Actual Result/Remarks	Got the expected output
Passed (?)	Yes

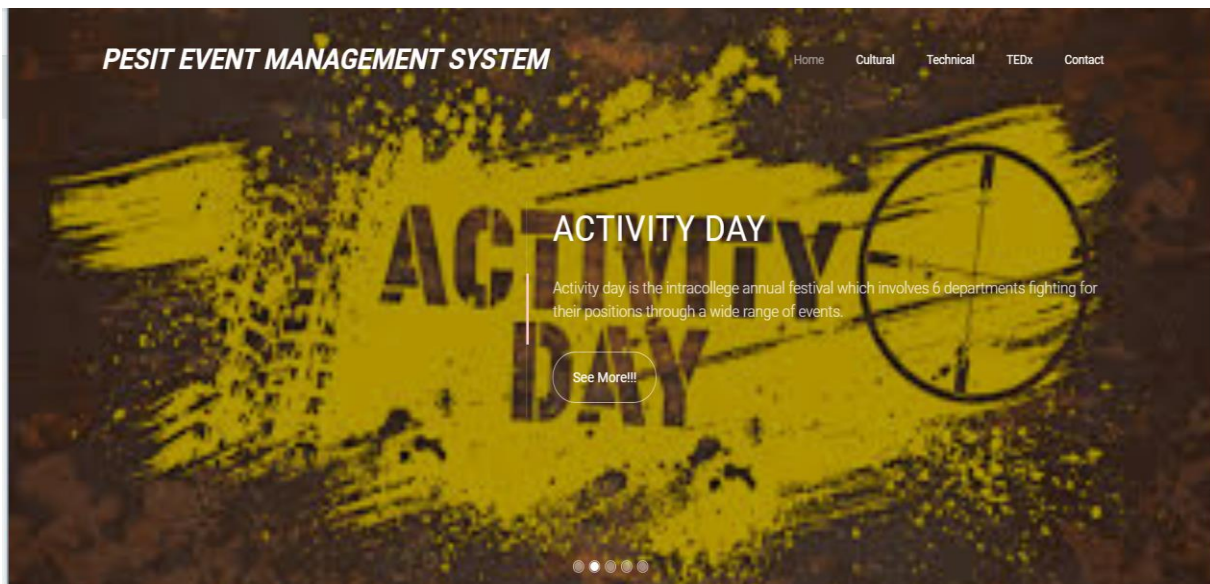
All the above tests were successful. The behavior of this module was as expected

## Chapter 8

# RESULTS



**Fig 8.1 Maaya**



**Fig 8.2 Activity Day.**





Fig 8.3 Ingenius

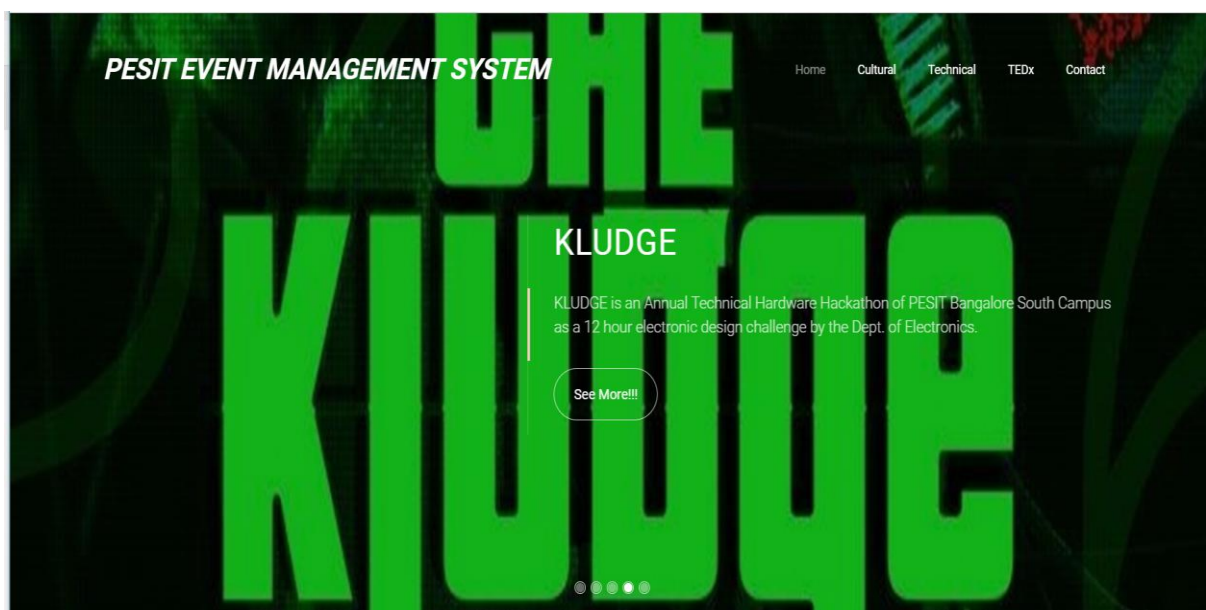


Fig 8.4 Kludge



Fig 8.5 Tedx

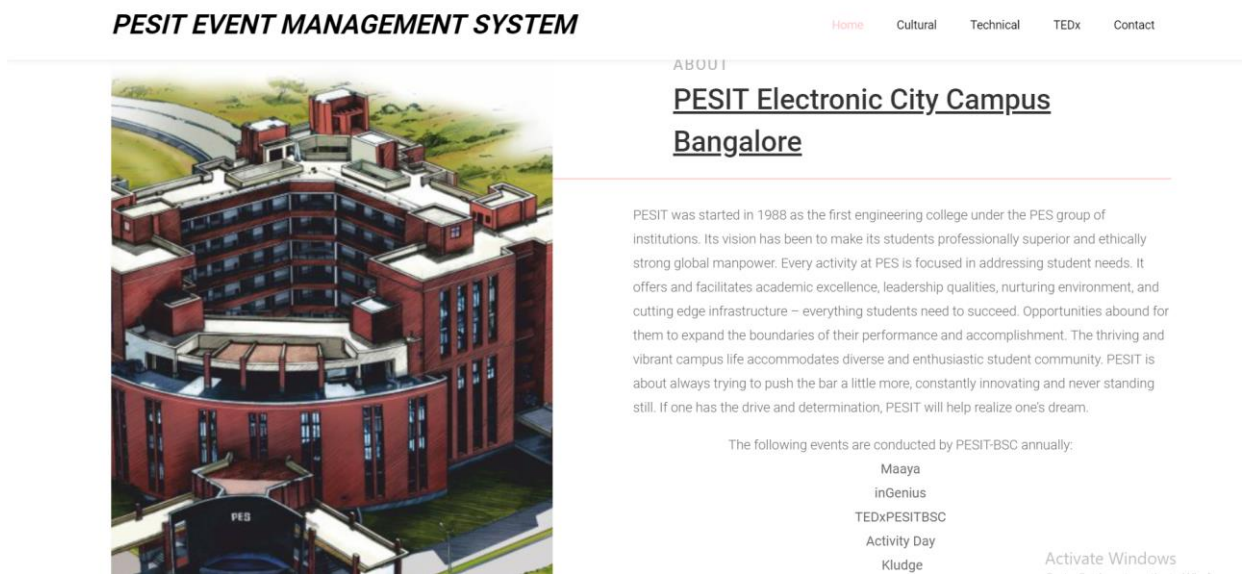


Fig 8.6 About



Fig 8.7 Gallery



Fig 8.8 Cultural Events

## MAAYA 2K18



### List of Events




Image	Name	Day	Fee	Description
	<b><u>Fashion Show</u></b>	1	1000	<i>A magnificent expression of art in style that must portray ♦Battle of the times♦, leaving the audience mesmerized well back in the past and entranced in the future, all at once. It is the walk that leaves the crowd in awe of their creativity.</i>
	<b><u>Group Dance</u></b>	1	900	<i>A captivating performance of synchronized feet that gets the audience grooving to the beat. Be it any genre of dance, it is sure to get you moonwalking in its charm!</i>
	<b><u>Beatboxing</u></b>	2	400	<i>A solo event, Beatboxing is a form of vocal percussion primarily involving the art of mimicking drum machines, using one's mouth, lips, tongue, and voice. It may also involve vocal imitation of turntablism, and other musical instruments.</i>

Fig 8.9 Maaya page



ACTIVITY DAY 2K18



List of Events



Madads

1 250

*Tickle the ribs through your imaginations. Exaggerate and advertise a product and capture the attention of the audience.*



Mime

1 500

*It is a group, theatrical technique of suggesting action, character, or emotion without words, using only gesture, expression, and movement.*



Instrumental Music

1 500

*The soloist can perform on monophonic or polyphonic instrument to exhibit their passion and talent with a composition. Let the colour of music flow through your tunes.*

Fig 8.10 Activity day

## TECH EVENTS



**inGenius**, the flagship event of PESITSouth IEEE Computer Society, is an annual 24-hour hackathon. The theme is OpenHack. The future is data-driven so get behind the wheel and hack it out. [#getSetHack](#)

**KLUDGE**, is an annual technical hardware hackathon of PESIT Bangalore South Campus. It has brought together various fields of engineering through innovative minds and participants giving life to some brilliant ideas. It has moved from a dawn-to-dusk mode to dawn-to-dawn event.

Activate Windows  
Go to Settings to activate Windows.  
**Volunteer/Register**

Fig 8.11 Technical page

### Register Here for INGENIUS


Name	<input type="text" value="Enter the name"/>
USN	<input type="text" value="Enter the USN"/>
E-mail id	<input type="text" value="Email id"/>
Phone No.	<input type="text" value="Enter the phone number"/>

☒ Register  
☐ Volunteer

Submit

Fig 8.12 Registration/Volunteer Page

### TEDx - PESU ECC



#### Our prominent speakers






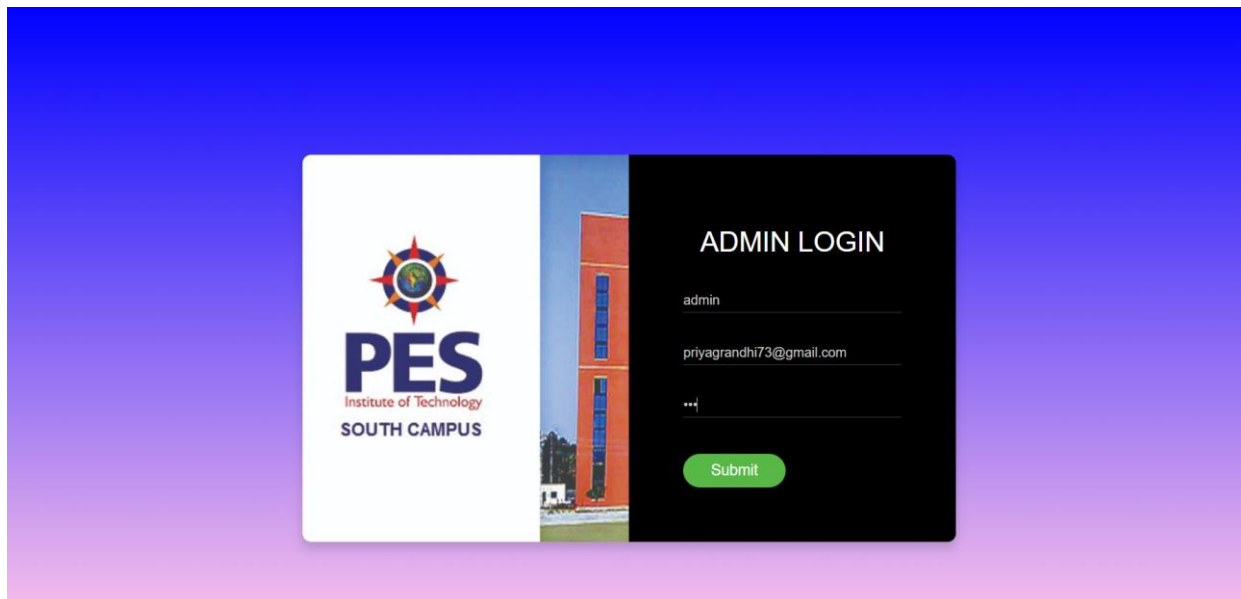
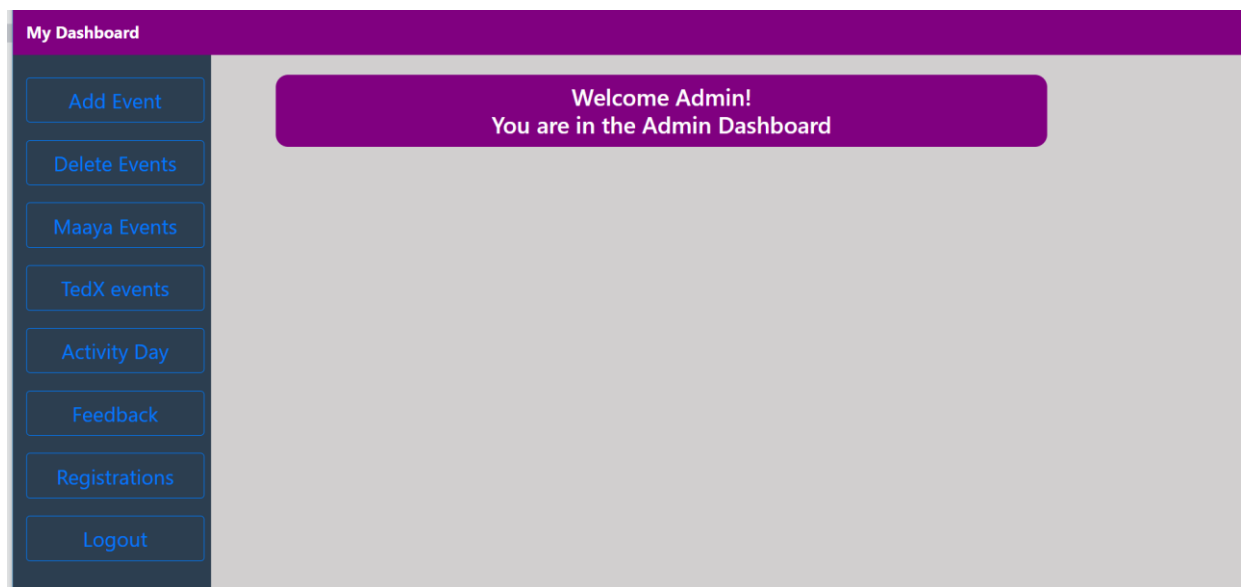
	<p><b><i>Maitri Gopalakrishna</i></b></p> <p><b>About :</b> A headstrong woman who works towards empowering people with the ability to rewrite traumatic experiences through the medium of Drama Therapy. As she puts it - ♦ It sits in the intersection of theater; mental health and psychology; social change and social criticism. ♦</p>
	<p><b><i>Dr. U S Vishal Rao</i></b></p> <p><b>About :</b> A visionary who advocates the notions of paid forward and copy left being the foundation of a self-sustaining society. A decorated personality, Dr. Vishal Rao has to his credit the Aum voice prosthesis device.</p>
	<p><b><i>Dr. Mysore Manjunath</i></b></p> <p><b>About :</b> Dr. Manjunath, one of the most visible cultural ambassadors of India, continues to preserve and spread the rich cultural heritage of Indian classical music with his innovative style yet adhering to strong traditions of carnatic classical music.</p>
	<p><b><i>Sruthi Hariharan</i></b></p> <p><b>About :</b> A graceful dancer, whose interests flair in theatre and culture, embarked on her acting career at the age of 22. Sruthi Hariharan has made her mark in the Kannada film industry through movies such as Godhi Banna Sadharana Mykattu and Humble Politician Nograj.</p>
	<p><b><i>Dr. B B Raghunath</i></b></p> <p><b>About :</b> Dr. Raghunath believes that making the society inclusive is of utmost importance. Using an age old</p>

Fig 8.13 Tedx page



**Fig 8.14 Admin Login**



**Fig 8.15 Admin Dashboard**



My Dashboard

Add Event
Delete Events
Maaya Events
TedX events
Activity Day
Feedback
Registrations
Logout

Welcome Admin!  
You are in the Admin Dashboard

Add a Maaya Event

Event name

Enter the event name

DAY

Day 1/2

FEE

Fee

Choose a picture

Choose File

No file chosen

Description

Description

Add

Fig 8.16 Add Events

Add Event

Delete Events

Maaya Events

TedX events

Activity Day

Feedback

Registrations

Logout

Welcome Admin!  
You are in the Admin Dashboard

Delete events



Update	Image	Name	Day	Fee	Description
<input type="checkbox"/>		<u>Fashion Show</u>	1	1000	A magnificent expression of art in style that must portray Battle of the times, leaving the audience mesmerized well back in the past and entranced in the future, all at once. It is the walk that leaves the crowd in awe of their creativity.
<input type="checkbox"/>		<u>Group Dance</u>	1	900	A captivating performance of synchronized feet that gets the audience grooving to the beat. Be it any genre of dance, it is sure to get you moonwalking in its charm!

Fig 8.17 Delete Events

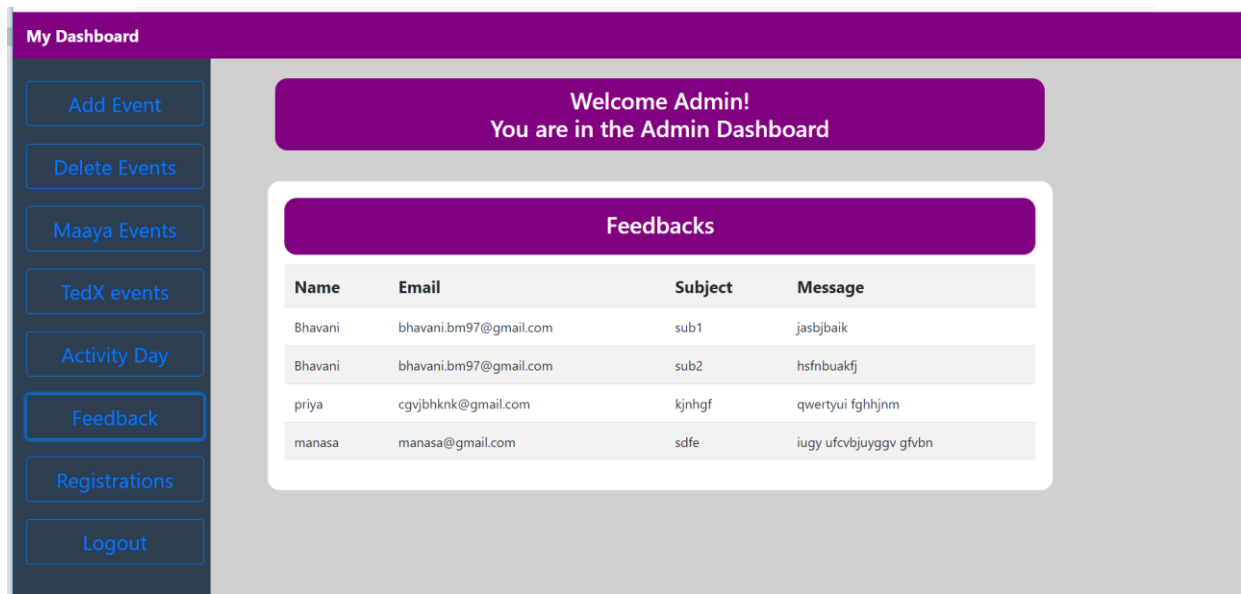


Fig 8.18 Feedback

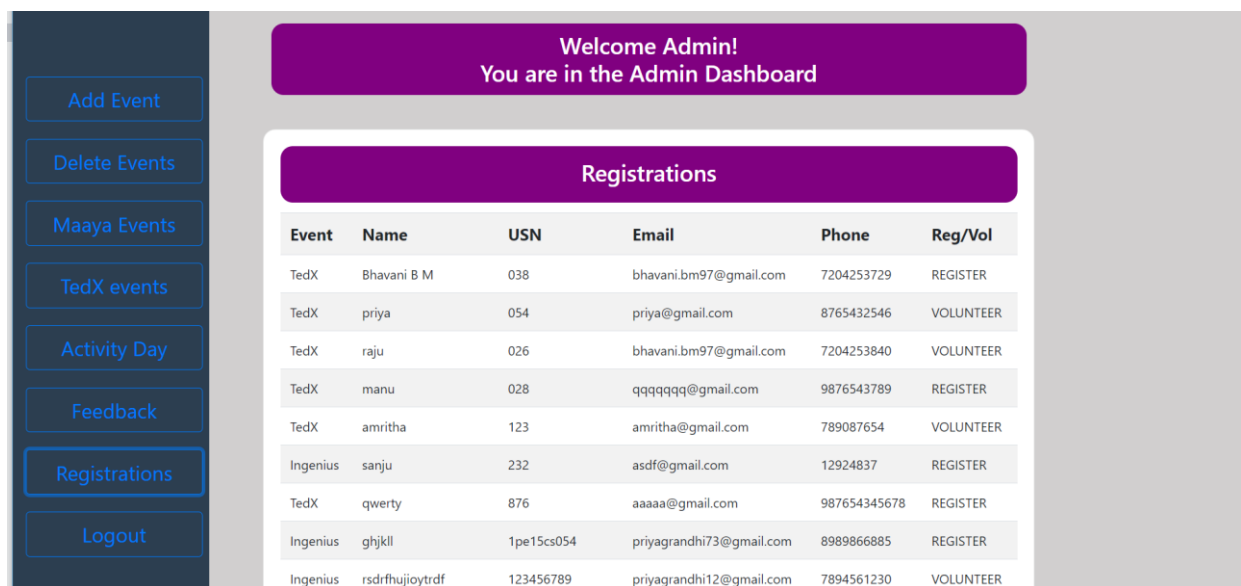


Fig 8.19 Registrations page

## **Conclusion**

The development of this Event Management System Project is to address and eradicate the problems in the current event management procedure. Here, management of registration form, receiving feedback forms, and evaluation of feedback is done very efficiently as a result of which the project has a good scope.

## **Reference**

1. Randy Connolly, Ricardo Hoar, “Fundamentals of Web Development”, 1<sup>st</sup> Edition, Pearson Education India.
2. [www.php.net](http://www.php.net)
3. [www.w3schools.com/js/default.asp](http://www.w3schools.com/js/default.asp)

