

**PAAVAI ENGINEERING COLLEGE(AUTONOMOUS)  
PACHAL, NAMAKKAL-637 018**

**STUDENT INFORMATION MANAGEMENT  
SYSTEM (SIMS) USING PHP**

**GUIDE NAME**

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**PROJECT MEMBERS**

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# ABSTRACT

This project can be used by colleges to maintain the records of students easily for placement purpose. This project also contain faculty details, students details, various academic and placement notifications to the staff and students updated by the administration. This project mainly explains the various actions related to student details. This project shows some ease in adding, editing and deleting the student details and it consume less time. This system is focused on recording and updating the student details. It can also facilitate to explore the placement updates for the students with several core companies.

# OBJECTIVES

The main objective of this project is to maintain the details of students and staffs. The purpose of Student Information Management System is to get an understanding of how the student's record is maintained. This Student Information Management System is based on identification some key qualities in the document and their relations. With the understanding of the structure and content of key quality documents, it will help to reduce the duplication and save more time.

The objectives are

- Giving online interface for students and faculty members.
- Expanding the effectiveness of college record administration.
- Abatement time needed to access and convey students' records.
- To make the framework more secure.

# REQUIREMENTS

## HARDWARE REQUIREMENTS

System	:	Intel, AMD Hardware
Hard Disk	:	250 GB.
Monitor	:	15 VGA Colour.
Mouse	:	Optical.
RAM	:	1 GB

## SOFTWARE REQUIREMENTS

Operating system	:	Platform Independent
Coding Language	:	HTML, CSS, JS, PHP
Database	:	My-SQL
Server	:	Apache
IDE	:	Notepad++

# EXISTING SYSTEM

- In the existing system the students will enter their data enter manually through registration.
- Internal assessments marks, attendance, exam timetable will be displayed to the students.

## DISADVANTAGES OF EXISTING SYSTEM

- Through students registration incorrect details may appear. (Eg: 79.6% will round off the percentage as 80%)
- There is no efficient technique to safe guard the users of phishing websites.

# LITERATURE SURVEY

<b>TITLE&amp;AUTHOR</b>	<b>ADVANTAGE</b>	<b>DISADVANTAGE</b>
<b>Development of Student Information System</b> N.M.Z.Hashim, S.N.K.S.Mohamed (2013)	Lot of man power and resource time is saved from an admin perspective.	Data can't be filtered as per the need.
<b>Web Based Student Information Management System</b> S.R.Bharamagoudar, Geeta R.B., S.G.Totad (2013)	Redundant human errors will be reduced.	Unauthorized person can easily register.
<b>A Framework for Web Based Student Record Management System using PHP</b> Saurabh Walia <sup>1</sup> , Satinderjit Kaur Gill(2014)	Closer interaction between student and staff.	Consist of single module UI

**Contd...**

# LITERATURE SURVEY

TITLE&AUTHOR	ADVANTAGES	DISADVANTAGES
<b>Student Information Management System</b> Manisha K, Alekhya K, Manikanta T, Ramya B, Sai Kumar S.(2016)	Hassle free recruitment or management for placement companies	Lack of Student personal details.
<b>Student Management System – A Survey</b> Krithi P, Dr M Ramakrishna(2017)	Single source of information for students.	Filtering students according to the need of the recruiting companies is difficult.

# PROPOSED SYSTEM

- In proposed system will have the provision for adding the details of the students by staff.
- It is easy to create, edit and modify the student details and delete a student when it found unnecessary.
- The marks of the student will be stored in the database and easy to retrieve.
- In this placement updates will be given and academic details can viewed for each semester.



# ADVANTAGES OF THE PROPOSED SYSTEM

Our proposed system has several advantages

- User friendly interface
- Fast access to database
- More Storage Capacity(250GB)
- Search facility

# MODULES

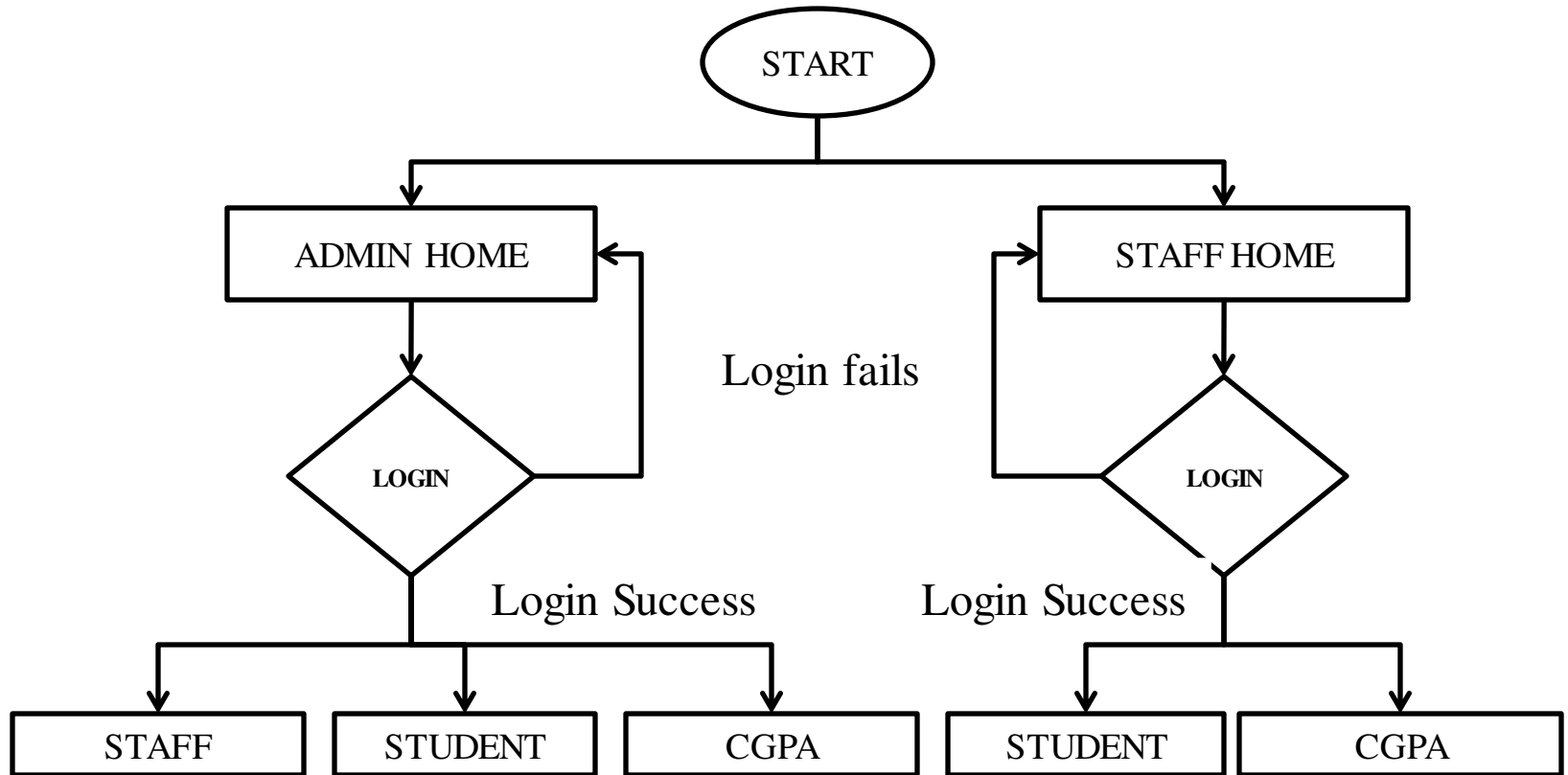
## 1. User Module

Admin has the authority to add department and staff details and gives placement updates regularly. The students details can be viewed by admin.

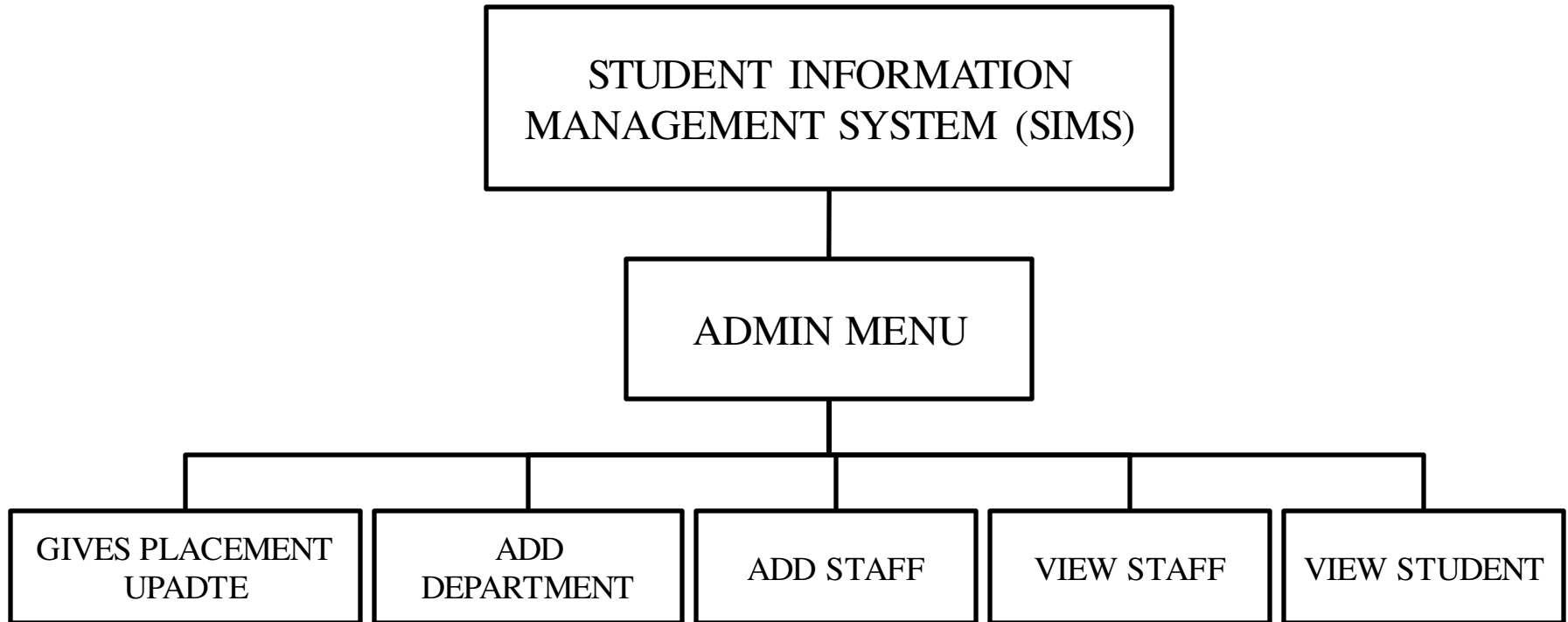
## 2. Staff Module

Staff menu has authority to add students and academic details after verifying with the students semester wise.

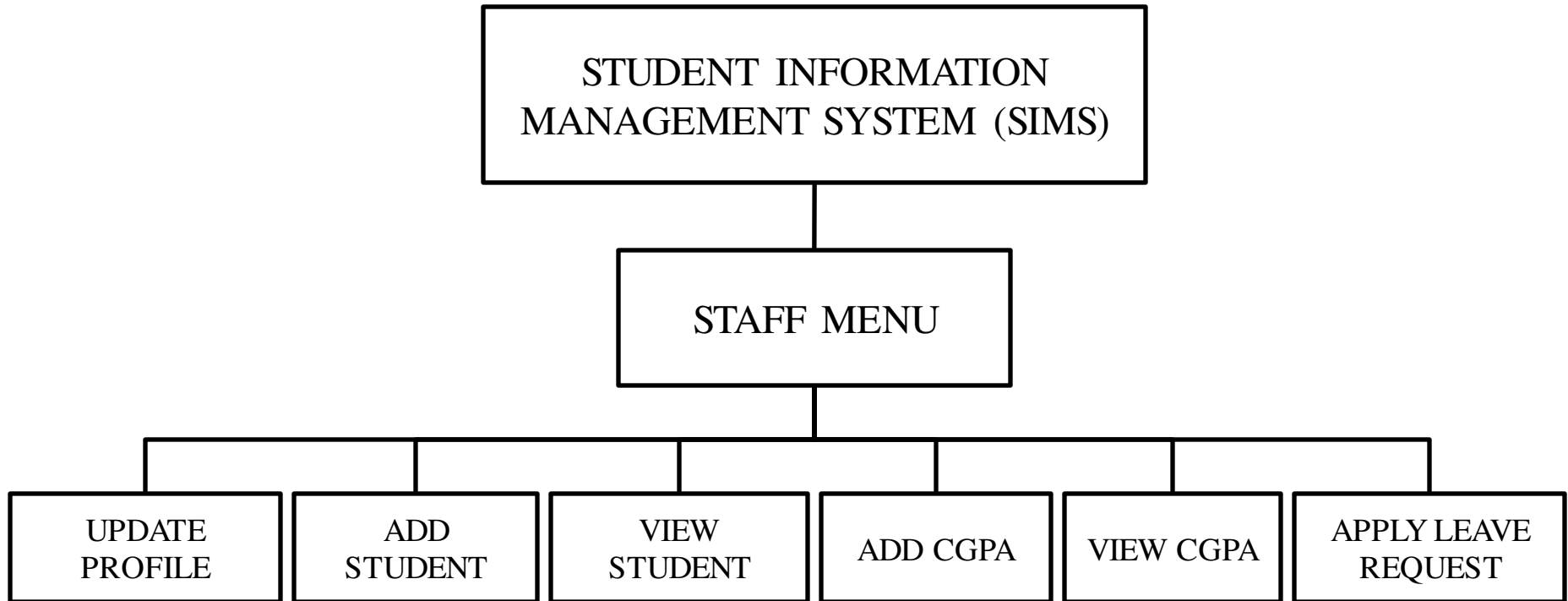
# DATA FLOW DIAGRAM



# ADMIN MENU




# STAFF MENU



# ADMIN LOGIN

Student Information Management System

Admin Teacher Contact Us



## Admin Login

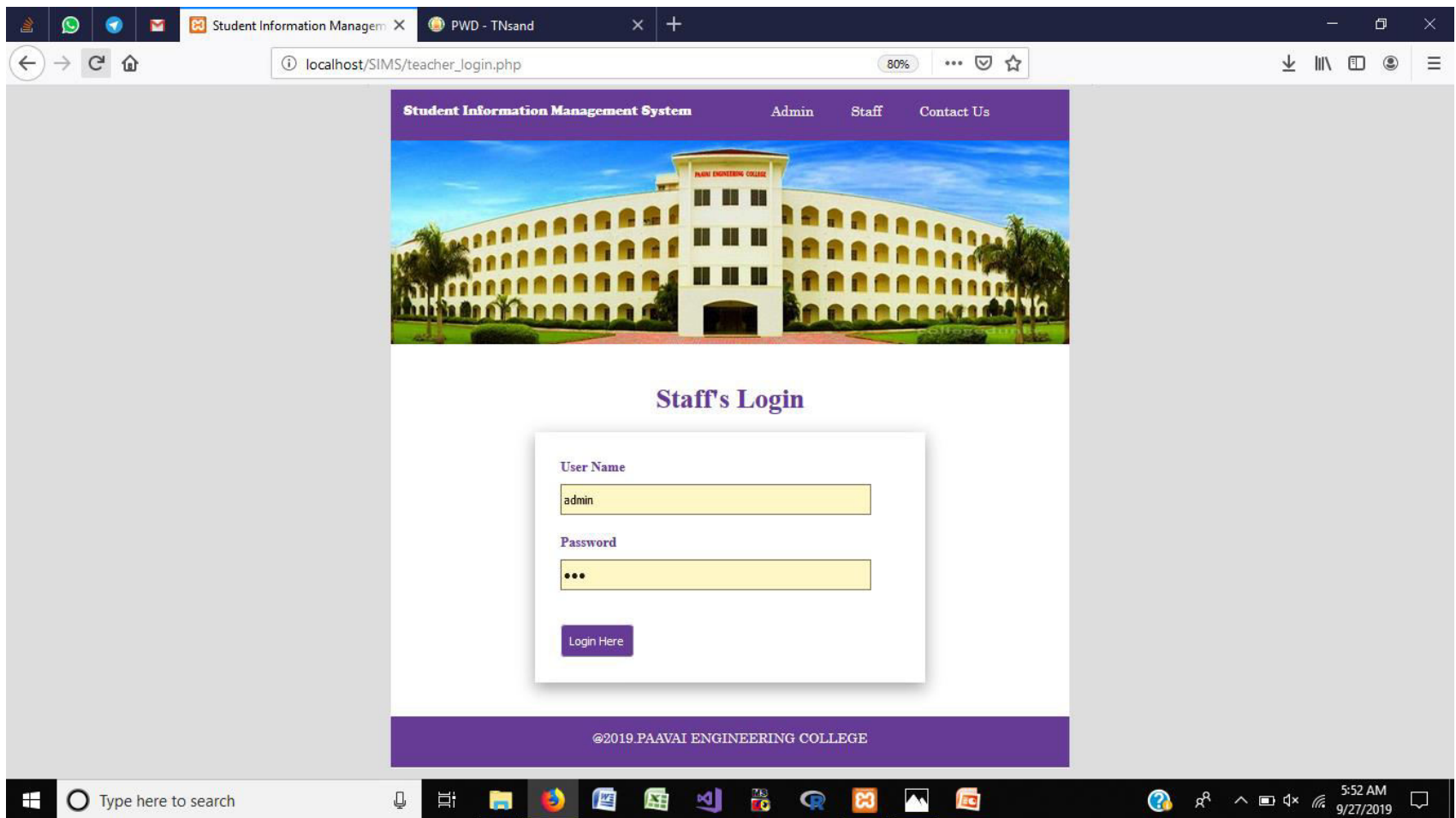
User Name

Password

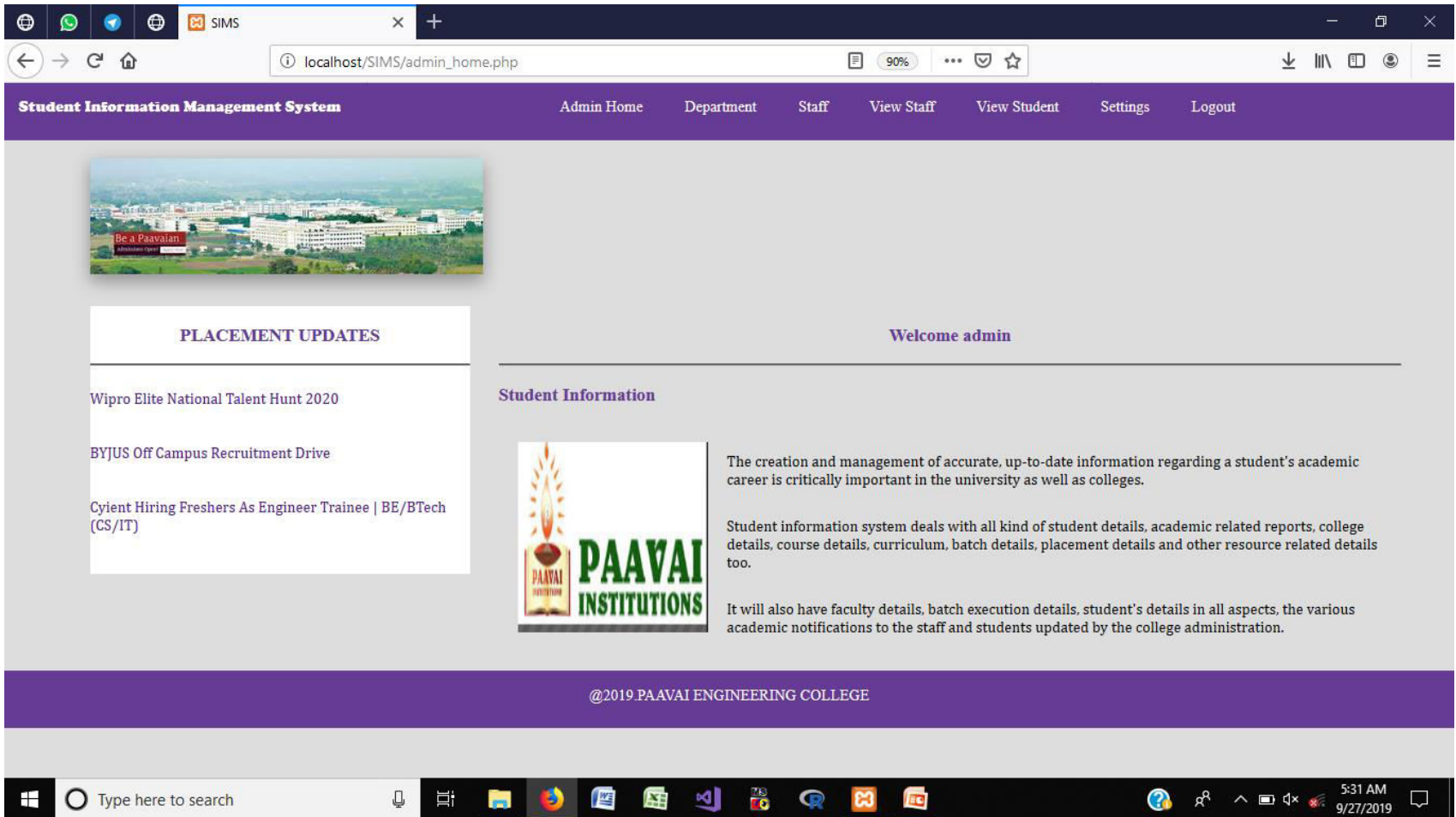
Login Here

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# STAFF'S LOGIN



# ADMIN HOME PAGE



The screenshot displays the Admin Home Page of the Student Information Management System (SIMS). The browser window shows the URL `localhost/SIMS/admin_home.php`. The page features a purple navigation bar with the following links: Admin Home, Department, Staff, View Staff, View Student, Settings, and Logout. The main content area is divided into two columns. The left column contains a banner image with the text "Be a Paavai" and a section titled "PLACEMENT UPDATES" listing three opportunities: Wipro Elite National Talent Hunt 2020, BYJUS Off Campus Recruitment Drive, and Cyient Hiring Freshers As Engineer Trainee | BE/BTech (CS/IT). The right column displays a "Welcome admin" message and a "Student Information" section. This section includes a logo for PAAVAI INSTITUTIONS and a description of the system's purpose: "The creation and management of accurate, up-to-date information regarding a student's academic career is critically important in the university as well as colleges." It further explains that the system deals with various student details, academic reports, college details, course details, curriculum, batch details, placement details, and other resource-related details. It also mentions that the system will have faculty details, batch execution details, student details in all aspects, and various academic notifications to the staff and students updated by the college administration. The footer of the page reads "@2019 PAAVAI ENGINEERING COLLEGE".

**Student Information Management System**

Admin Home | Department | Staff | View Staff | View Student | Settings | Logout

**Be a Paavai**

**PLACEMENT UPDATES**

Wipro Elite National Talent Hunt 2020

BYJUS Off Campus Recruitment Drive

Cyient Hiring Freshers As Engineer Trainee | BE/BTech (CS/IT)

**Welcome admin**

**Student Information**

The creation and management of accurate, up-to-date information regarding a student's academic career is critically important in the university as well as colleges.

Student information system deals with all kind of student details, academic related reports, college details, course details, curriculum, batch details, placement details and other resource related details too.

It will also have faculty details, batch execution details, student's details in all aspects, the various academic notifications to the staff and students updated by the college administration.

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# ADD DEPARTMENT

The screenshot displays the 'Student Information Management System' (SIMS) web application. The browser address bar shows 'localhost/SIMS/add\_class.php'. The application has a purple header with navigation links: Admin Home, Department, Staff, View Staff, View Student, Settings, and Logout. Below the header, there is a banner image of a college campus with the text 'Be a Paavai' and 'Welcome admin'. The main content area is divided into two sections: 'Add Department Details' and 'Class Details'.

**Add Department Details**

Department Name  
Select

Section  
Select

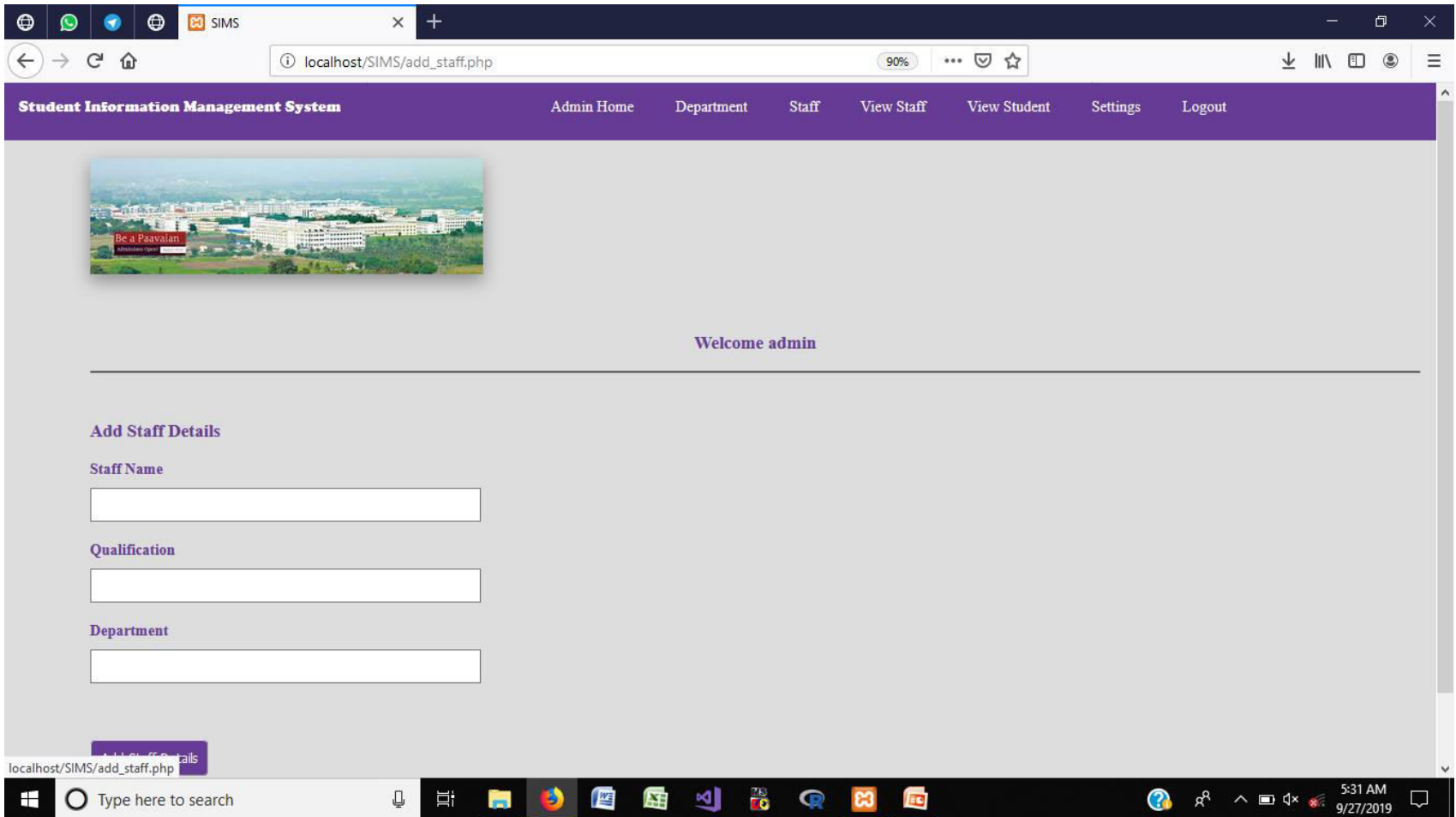
Add Class Details

**Class Details**

S.No	Class Name	Section	Delete
1	CSE	A	Delete
2	CSE	B	Delete

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# ADD STAFF DETAILS



The screenshot displays a web browser window with the URL `localhost/SIMS/add_staff.php`. The browser's address bar shows the page title "Student Information Management System" and the URL. The page features a purple navigation bar with links: "Admin Home", "Department", "Staff", "View Staff", "View Student", "Settings", and "Logout". Below the navigation bar, there is a banner image of a university campus with the text "Be a Paavani" overlaid. A "Welcome admin" message is displayed in the center. The main content area contains the "Add Staff Details" form, which includes three input fields: "Staff Name", "Qualification", and "Department". A purple button labeled "Add Staff Details" is positioned below the form fields. The Windows taskbar at the bottom shows the system clock as 5:31 AM on 9/27/2019.

**Student Information Management System**

Admin Home Department Staff View Staff View Student Settings Logout

Be a Paavani

Welcome admin

**Add Staff Details**

Staff Name

Qualification

Department

Add Staff Details

# STAFF PROFILE

Screenshot of the SIMS (Student Information Management System) interface showing the Staff Profile page.

The browser address bar shows: `localhost/SIMS/teacher_home.php`

The page title is **Student Information Management System**.


The navigation menu includes: Profile, Students, View Student, CGPA, View CGPA, Leave Request, Settings, Logout.

The main content area displays a welcome message: **Welcome SIVA**.

The **Add Profile** section contains input fields for:

- Phone No
- E - Mail
- Address
- Image (Browse... No file selected.)

The **Profile** section displays a table with the following details:

	
Name	SIVA
Qualification	M.E
Department	CSE
Phone No	9842027258
E - Mail	siva@gmail.com
Address	SALEM

The Windows taskbar at the bottom shows the search bar and various application icons. The system clock indicates 5:33 AM on 9/27/2019.

# ADD STUDENTS DEATILS

The screenshot displays a web browser window with the address bar showing `localhost/SIMS/add_stud.php`. The page title is "Student Information Management System". The navigation menu includes links for Profile, Students, View Student, CGPA, View CGPA, Leave Request, Settings, and Logout. The main content area features a banner image of a university campus and a "Welcome SIVA" message. Below this, the "Set Student Details" form is presented with the following fields:

- Register No**: Text input field.
- Parent's Mail Id**: Text input field.
- Student Name**: Text input field.
- Address**: Text input field.
- Father Name**: Text input field.
- Date of Birth**: Three dropdown menus for Date, Month, and Year.
- Gender**: Dropdown menu with "Select" as the current value.
- Phone No**: Text input field.
- Department**: Dropdown menu with "Select" as the current value.
- Section**: Dropdown menu with "Select" as the current value.
- Image**: A "Browse..." button and a status message "No file selected."

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system clock indicates 5:33 AM on 9/27/2019.

# VIEW STUDENTS

**Student Information Management System**

Profile Students View Student CGPA View CGPA Leave Request Settings Logout

Welcome SIVA

**View Student Details**

S.No	Register No	Name	Father Name	DOB	Gender	Phone	Mail	Address	Department	Sec	Image	Delete
1	16104001	ADITYA PAREEK V	VASANTH KUMAR PAREEK	20/2/1999	Male	8608128278	adityapareek20@gmail.com	THENI	CSE	A		Delete
2	16104003	ADITYA PAREEK V	VASANTH KUMAR PAREEK	20/2/1999	Male	8608128278	adityapareek20@gmail.com	THENI	CSE	A		Delete
3	16104004	ADITYA PAREEK V	VASANTH KUMAR PAREEK	20/2/1999	Male	8608128278	adityapareek20@gmail.com	THENI	CSE	A		Delete

localhost/SIMS/add\_mark.php

Type here to search

5:33 AM 9/27/2019

# LEAVE REQUEST

Leave Request Form

**\* Required**

**Email address \***

Your email

**NAME \***

Your answer

**DEPARTMENT \***

Your answer

**DATE \***  
No of days and mention the date Eg: 3 FROM (DD-MM-YYYY) - TO (DD-MM-YYYY)

Your answer

**Reason \***  
If acceptable leave will be granted otherwise form will be rejected

Your answer

**Alteration Period**  
If applicable mention time

Your answer

**Alteration Staff Name**

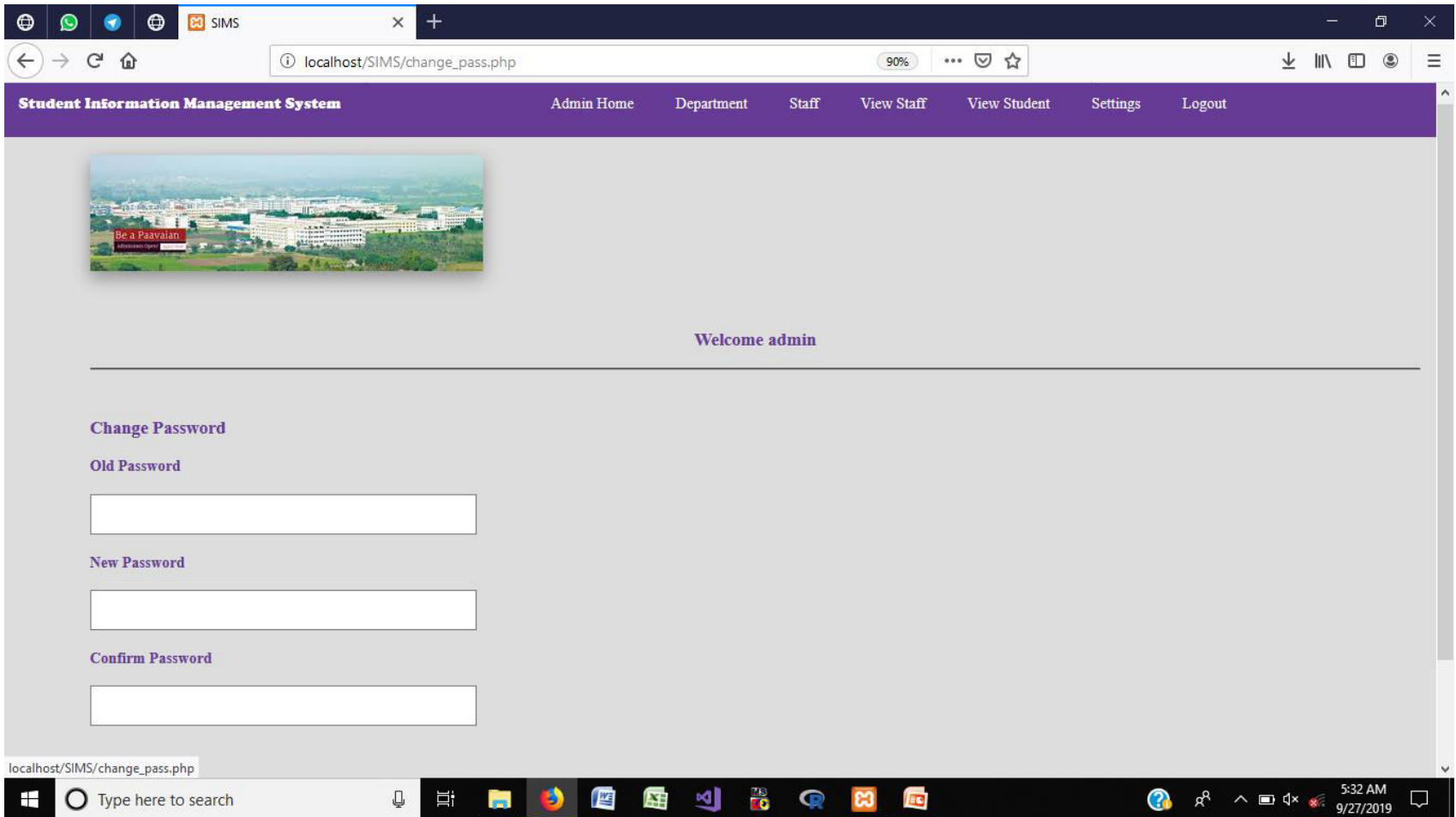
Your answer

☐ Send me a copy of my responses.

**SUBMIT**

Never submit passwords through Google Forms.

# CHANGE PASSWORD



The screenshot shows a web browser window with the URL `localhost/SIMS/change_pass.php`. The page title is "Student Information Management System". The navigation menu includes "Admin Home", "Department", "Staff", "View Staff", "View Student", "Settings", and "Logout". The main content area features a banner image of a school building with the text "Be a Paavaiyan" and "A Paavaiyan's Dream". Below the banner, it says "Welcome admin". The "Change Password" section contains three input fields: "Old Password", "New Password", and "Confirm Password". The Windows taskbar at the bottom shows the time as 5:32 AM on 9/27/2019.

Student Information Management System

Admin Home Department Staff View Staff View Student Settings Logout

Be a Paavaiyan  
A Paavaiyan's Dream

Welcome admin

Change Password

Old Password

New Password

Confirm Password

# CONCLUSION

- Data can be accessed any time.
- Monitored and controlled easily.
- Incorrect details of students can be avoided.
- It provides accurate information always.



# FUTURE ENHANCEMENT

- It can be implemented with additional student data with the strength of whole institution.
- It is very easy to get the necessary information without time delay.
- It can be enhanced to get daily report on attendance, internal assessments, fees management to their parents.
- Information about student's academic performance can be send to their parents via SMS and mail.

# REFERENCES

- [1] N.M.Z.Hashim, S.N.K.S.Mohamed "Development of Student Information System" International Journal of Science and Research (IJSR), India Online ISSN: 2319-7064.
- [2] S.R.Bharamagoudar, Geeta R.B., S.G.Totad "Web Based Student Information Management System" International Journal of Advanced Research in Computer and Communication Engineering Vol. 2, Issue 6, June 2013.
- [3] Saurabh Walia<sup>1</sup>, Satinderjit Kaur Gill "A Framework for Web Based Student Record Management System using PHP" International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 3, Issue. 8, August 2014.

**Contd...**

# REFERENCES

- [4] Manisha K, Alekhya K, T Manikanta, B Ramya, S. Sai Kumar “Student Information Management System” International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 3, March 2016.
- [5] Krithi P, Dr M Ramakrishna “Student Management System – A Survey” International Research Journal of Computer Science (IRJCS) Issue 05, Volume 4 (May 2017).