

Experiment no 4

Name:- Nehal D. Ughade

PRN no :- 21520009

Course name:- ADSL Lab

Date- 23/02/2023

Title : Web-based Student Management System

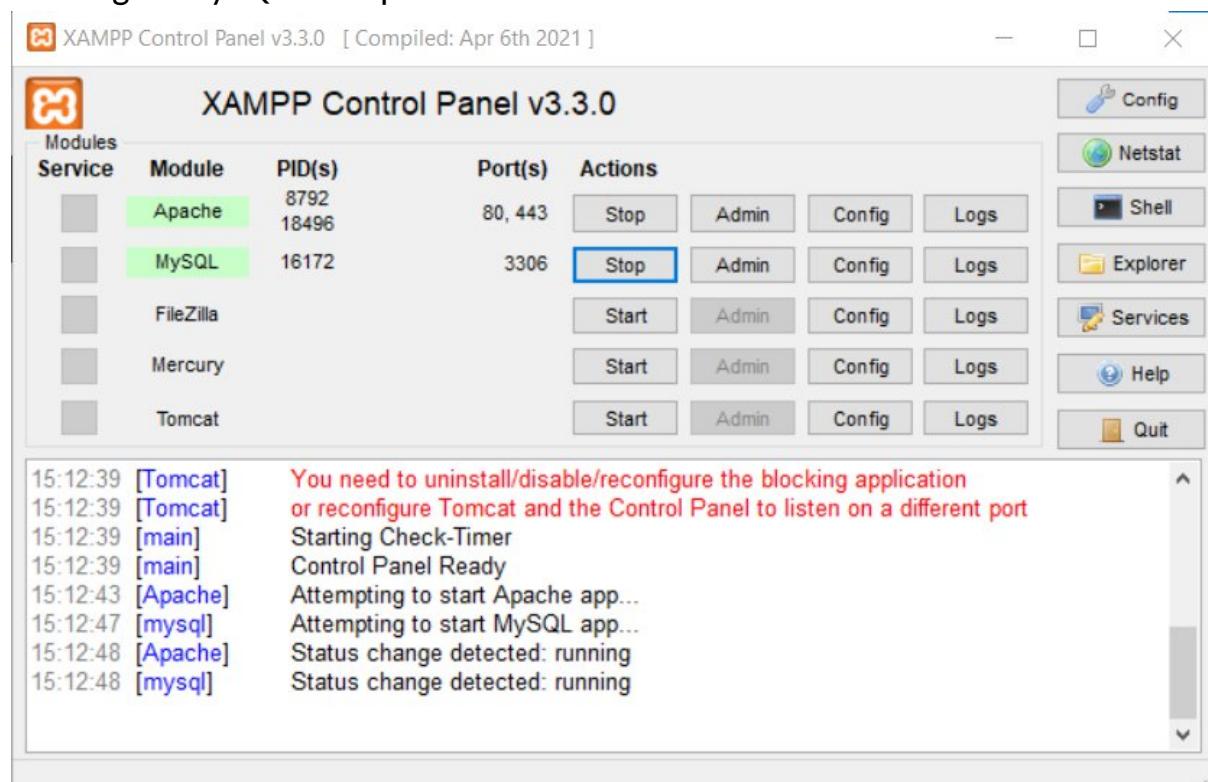
Design an implement a web-enabled (portal) student MIS (Management Information System) for university schema attached in separate file.

Technology stack: Go Language / MySQL or Oracle/ Bootstrap v5.0, look and feel UI template

Requirement Specifications :

1. User management at different levels
1. Entry form for each entity
1. Generic report generation : Should able to display/list any data.

Starting of MySQL and Apache Modules on XAMPP Control Panel



Database Created

The screenshot shows the phpMyAdmin interface for the 'walchand_college' database. The left sidebar lists various databases and the current selection is 'walchand_college'. The main area displays a table of 17 tables with their respective details. The columns include Table, Action, Rows, Type, Collation, Size, and Overhead. The table shows the following data:

Table	Action	Rows	Type	Collation	Size	Overhead
class_result	Browse Structure Search Insert Empty Drop	39	InnoDB	latin1_swedish_ci	16.0 Kib	-
courses	Browse Structure Search Insert Empty Drop	9	InnoDB	latin1_swedish_ci	16.0 Kib	-
course_subjects	Browse Structure Search Insert Empty Drop	11	InnoDB	latin1_swedish_ci	16.0 Kib	-
login	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16.0 Kib	-
mytable	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 Kib	-
sessions	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 Kib	-
student_attendance	Browse Structure Search Insert Empty Drop	8	InnoDB	latin1_swedish_ci	16.0 Kib	-
student_courses	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	32.0 Kib	-
student_fee	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	32.0 Kib	-
student_info	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 Kib	-
teacher_attendance	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 Kib	-
teacher_courses	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 Kib	-
teacher_info	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 Kib	-
teacher_salary_allowances	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16.0 Kib	-
teacher_salary_report	Browse Structure Search Insert Empty Drop	30	InnoDB	latin1_swedish_ci	32.0 Kib	-
time_table	Browse Structure Search Insert Empty Drop	6	InnoDB	latin1_swedish_ci	16.0 Kib	-
weekdays	Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16.0 Kib	-
17 tables	Sum	141	InnoDB	utf8mb4_general_ci	320.0 Kib	0 B

Coding

The screenshot shows the Visual Studio Code interface with the 'index.php' file open. The code is a PHP script for a college management system home page. It includes HTML and CSS for layout, and PHP for including header and footer files.

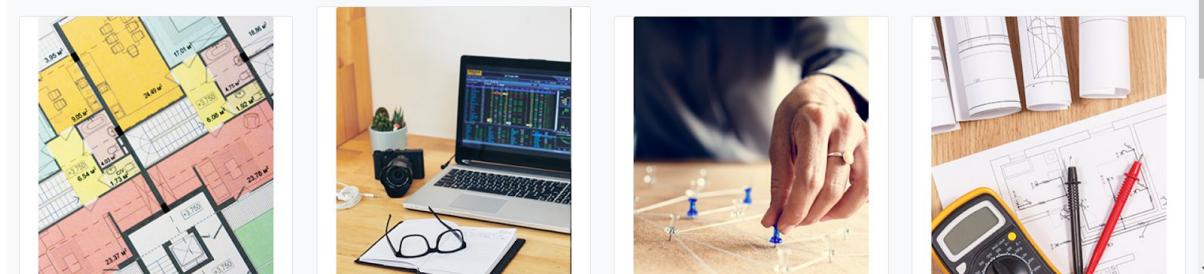
```
<?php include('common/header.php') ?>
<div class="home-div"></div>
<div class="w-100 in-ad-ap">
    <div class="row m-auto text-center">
        <div class="col-md-4"><h3>INTRODUCING-WCE</h3></div>
        <div class="col-md-4"><h3>ADMISSION POLICY</h3></div>
        <div class="col-md-4"><h3>APPLY NOW</h3></div>
    </div>
    <div class="paragraph">
        <p>WCE provides a harmonious environment and learning opportunities to its students regardless of their gender, socioeconomic backg</p>
    </div>
<?php include('common/cards.php') ?>
<?php include('common/footer.php') ?>
</body>
</html>
```

Homepage

The screenshot shows a web browser window with the URL "localhost / 127.0.0.1 / walchand...". The page has a dark red header bar with the college's logo and name "WALCHAND COLLEGE OF ENGINEERING". On the right of the header are links for "HOME", "ACADEMICS", and "ADMISSION". Below the header is a large photograph of the college building, which is a pink and white structure surrounded by green trees. At the bottom of the page, there are three teal-colored buttons with white text: "INTRODUCING-WCE", "ADMISSION POLICY", and "APPLY NOW". A grey banner below these buttons contains the text: "WCE provides a harmonious environment and learning opportunities to its students regardless of their gender, socioeconomic background, religious beliefs and regional differences." The banner also features the college's logo and name.

FACULTIES

WCE serves the national and international community through a broad spectrum of undergraduate studies..



WALCHAND COLLEGE OF ENGINEERING

HOME ACADEMICS ADMISSION ➔

Faculty of Civil Engineering Faculty of Information Technology, Computer Science Faculty of Electrical Faculty of Electronic

Walchand College of Engineering

This Project has been made by Kunal Kadam. The purpose of this project is Learning Computer Languages. I hope you really enjoyed to visit this project. Thanks!

QUICK LINKS

- About WCE
- Admissions Policy
- Apply for Admission
- Download Prospectus
- Contact Us

UNDERGRADUATE PROGRAMS

- B.Tech. Civil Engineering
- B.Tech. Electrical Engineering
- B.Tech. Mechanical Engineering
- B.Tech. Electronics
- B.Tech. Computer Science
- B.Tech. Information Technology

CONTACT DETAILS

Address: Walchand College of Engineering, Miraj Rd, Vishrambag, Sangli, Maharashtra – India

Telephone: (+91) 233-2300383

E-mail: registrar@walchandsangli.ac.in

CopyRights © reserved by Kunal Kadam.2022

Academics Pages

localhost / 127.0.0.1 / walchand.x Academics

localhost/College_Management_System/academics.php

WALCHAND COLLEGE OF ENGINEERING

HOME ACADEMICS ADMISSION ➔

Faculty of Civil Engineering

HOD's Message

It gives me a sense of happiness and pride to introduce my department's profile in the year 2021-2022. With a strong commitment we keep marching towards vision and missions of our department and institute as a whole. This is yet another year which showcased the rich tradition of department on the fronts of academics, research, consultancy, industry-institute interactions and student's empowerment. Industry-Institute interaction is key focus area which helps to enrich our academic programmes and keep them up to date and relevant. Industry professionals were invited to guide and advise students on many occasions. Core UG and two PG programmes are strengthened by eminent industry experts through various MoU's and up to date curriculum that matches the expectations of industry to a great extent. Recently the third year UG and second year PG programme curriculum were updated as per BoS suggestions which are in tune with the modern AICTE guidelines. Interaction with industry has made the UG and PG streams highly relevant in civil engineering and allied fields. Since its inception in India, department has been continuously engaged in improving its standards in the much sought after OBE philosophy all over the world.

We keep deep faith in providing opportunities to our students to learn and develop themselves beyond the conventional classroom. Many student-centric training workshops, technology oriented industry supported projects, internship programmes provide such opportunities. Several such endeavors imparted knowledge beyond curriculum and added personality development traits among students. They are also encouraged and motivated to compete in several academic and professional competitions resulting in many achievements such as conferences, workshops, seminars and online courses etc. All such efforts enabled students to appear for all campus placements with a professional competence and confidence. This also could generate enormous interest for students of these programmes to appear for competitive examinations such as GATE and public service examinations. Significant developments could be witnessed in research and consultancy this year. The departmental highly competent faculty and staff are working out an extra mile to serve the state govt. in getting their important projects audited and approved in time. Many industries are benefitted by expert advice from faculty to enhance their systems and get their audit/approval certificates. The research publications by faculty in international, national journals and conferences show encouraging trend. Faculty and staff has been encouraged, and widely supported by TEQIP-III activities, to update and up skill themselves. Many of the faculty has been benefitted by latest technology workshops and FDP through this channel. Several faculties also took NPTEL and other such professional MOOC courses enthusiastically with promising results. Our department also served as partner and mentor to Jabalpur College of Engineering to collaboratively enhance the teaching-learning

Admission Page

The screenshot shows the 'Online Admission Form' page. At the top, there is a header with the college's logo and name 'WALCHAND COLLEGE OF ENGINEERING'. Below the header, the title 'Online Admission Form' is displayed. The form consists of several input fields arranged in a grid:

Applicant First Name:*	Applicant Middle Name:	Applicant Last Name:*
<input type="text"/>	<input type="text"/>	<input type="text"/>
Father Name:*	Applicant Email:*	Mobile No:*
<input type="text"/>	<input type="text"/>	<input type="text"/>
Course which you want?: Select Course	Select Session: Select Session	Your Profile Image: <input type="file"/> Choose File No file chosen
Prospectus Issue: Select Option	Prospectus Amount Recvd: Select Option	Form B: <input type="text"/>
Applicant Status: Select Option	Application Status: Select Option	Aadhaar No: XXXX-XXXX-XXXX
Date of Birth: <input type="date"/>	Other Phone: <input type="text"/>	Gender: <input type="text"/>

Login Page

The screenshot shows the 'Login' page. At the top, there is a header with the college's logo and name 'WALCHAND COLLEGE OF ENGINEERING'. Below the header, the title 'LOGIN' is displayed. The login form consists of three input fields:

Enter Your ID/Email: <input type="text"/>
Enter Password: <input type="password"/>
<input type="button" value="LOGIN"/>

In the background, there is a photograph of students sitting on steps outdoors. A red overlay box covers the center of the image, containing the login form. At the bottom right of the page, there is a 'Free Apply' button.

Admin Page

The screenshot shows the Admin Dashboard of Walchand College of Engineering. The dashboard is divided into several sections:

- Left Sidebar:** A vertical sidebar with a dark blue header containing "Dashboard" and a list of management tasks: Teacher Registration, Student Registration, Courses, Subjects, Time Table, Class Results, Teacher Salary, Student Attendance, Teacher Attendance, Student Fee, and Manage Account.
- Header:** The college logo and name "WALCHAND COLLEGE OF ENGINEERING" are at the top right, along with navigation links for HOME, ACADEMICS, ADMISSION, and a search icon.
- Time Table:** A table showing class details for M.Tech. CSE 2. It lists five rows of data with columns for Class Name, Time, Day, Subject, and Room No.
- Program List:** A table showing course codes and their corresponding course names for various programs.
- Department Subject Detail:** A table showing course codes, titles, semesters, total subjects, and total credit hours for different courses.

Admin Course Management Page



 Dashboard
 Teacher Registration
 Student Registration
 Courses
 Subjects
 Time Table
 Class Results
 Teacher Salary
 Student Attendance
 Teacher Attendance
 Student Fee
 Manage Account

Course Management System

Course Code:

Enter Course Code

Course Name:

Enter Course Name

Semester Or Years:

Enter Semester Or Years

No of Years:

Enter No of Years

Add Course

Sr.No	Course Code	Course Name	Semester/Years	Action
1	B.Tech Civil	Bachular in Civil Engineering	4	Delete
2	B.Tech. CSE	Bachular in Computer Science and Engineering	4	Delete
3	B.Tech. EE	Bachular in Electrical Engineering	4	Delete
4	B.Tech. IT	Bachular in Information Technology	4	Delete
5	B.Tech. Mechanical	Bachular in Mechanical Engineering	4	Delete
6	M.Mech.	Master in Mechanical Engineering	2	Delete
7	M.Tech. CSE	Master in Computer Science and Engineering	2	Delete
8	M.Tech. IT	Master in Information Technology	2	Delete
9	M.Tech.Civil	Masters in Civil Engineering	2	Delete

Admin Teacher Registration



 Dashboard
 Teacher Registration
 Student Registration
 Courses
 Subjects
 Time Table
 Class Results
 Teacher Salary
 Student Attendance
 Teacher Attendance
 Student Fee
 Manage Account

Teacher Management System

Add Teacher

Assign Subjects

Teacher ID	Teacher Name	Current Address	Hire Date	Email	Operations
2	Teacher 1 1	def	18-06-21	staff1@gmail.com	Profile Delete

Admin: Student Registration



 Dashboard
 Teacher Registration
 Student Registration
 Courses
 Subjects
 Time Table
 Class Results
 Teacher Salary
 Student Attendance
 Teacher Attendance
 Student Fee
 Manage Account

Student Management System

[Add Student](#)

Search:

[Search](#)[Assign Subjects](#) [Assign Single Student Subject](#)

Roll.No	Student Name	Current Address	Session	Course ID	Admission	Profile	Operations
1	Kunal Santosh Kadam		S19	B.Tech.	2022-Feb-14		Profile Delete

Admin: Subject Management System



 Dashboard
 Teacher Registration
 Student Registration
 Courses
 Subjects
 Time Table
 Class Results
 Teacher Salary
 Student Attendance
 Teacher Attendance
 Student Fee
 Manage Account

Subject Management System

Subject Code:

Subject Name:

Semester:

Course Code:

Credit Hours:

[Add Subject](#)

Sr.No	Subject Code	Subject Name	Course Code	Semester	Credit Hours	Action
1	CSPD	Communication Skills and Personality Development	M.Tech. CSE	1	3	Delete
2	DBMS	Database Management System	M.Tech. CSE	2	4	Delete
3	DLD	Data Logic and Design	M.Tech. CSE	2	3	Delete
4	Ds	Discrete Structure	M.Tech. CSE	1	3	Delete
5	I2C	Introduction to Computer Science	M.Tech. CSE	1	4	Delete
6	ITP	IT Project Management System	M.Tech. IT	2	3	Delete
7	MBAD	Mobile Application Development	M.Tech. IT	2	4	Delete
8	OOP	Object Oriented Programming	M.Tech. CSE	2	4	Delete

Admin: Time Table Management System



	Dashboard
	Teacher Registration
	Student Registration
	Courses
	Subjects
	Time Table
	Class Results
	Teacher Salary
	Student Attendance
	Teacher Attendance
	Student Fee
	Manage Account

Time Table Management System

[Add Time Table](#)

Classes Time Table						Update
I'd	Class Name	Timing	Day	Subject	Room No	
1	M.Tech. CSE 2	06:00 PM 09:00 PM	Monday	OOP	21	
2	M.Tech. CSE 2	06:00 PM 09:00 PM	Tuesday	DBMS	21	
3	M.Tech. CSE 2	06:00 PM 09:00 PM	Wednesday	DLD	7	
4	M.Tech. CSE 2	06:00 PM 09:00 PM	Thursday	SE	21	
5	M.Tech. CSE 2	06:00 PM 09:00 PM	Friday	WEB	21	
6	M.Tech. IT 2	06:00 PM 09:00 PM	Thursday	MBAD	12	

Admin: Teacher Salary Management System



	Dashboard
	Teacher Registration
	Student Registration
	Courses
	Subjects
	Time Table
	Class Results
	Teacher Salary
	Student Attendance
	Teacher Attendance
	Student Fee
	Manage Account

Teacher Salary Management System

[Add Salary Scale](#)[Add Salary](#)

All Teachers Salary Report								
Salary Voucher	I'd	Name	Basic Salary	Medical Allowance	HR Allowance	Pay Scale	Paid Date	Total Amount
2	2	Teacher 1 1	55000	3850	8250	18	2020-03-27	67100
6	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
7	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
8	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
9	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
10	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
11	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
12	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
13	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
14	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
15	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
16	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
17	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
18	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
19	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
20	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
21	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
22	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
23	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
24	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100
25	2	Teacher 1 1	55000	3850	8250	18	2020-03-28	67100

Teacher Dashboard Page



	Dashboard
	Personal Profile
	Personal Information
	Teacher Courses
	Student Attendance
	Class Results
	Change Password

Welcome To Teacher 11 Dashboard

Salary Report

+

Salary Voucher	Basic Salary	Medical Allowance	HR Allowance	Pay Scale	Paid Date	Total Amount
2	55000	3850	8250	18	2020-03-27	67100
6	55000	3850	8250	18	2020-03-28	67100
7	55000	3850	8250	18	2020-03-28	67100
8	55000	3850	8250	18	2020-03-28	67100
9	55000	3850	8250	18	2020-03-28	67100
10	55000	3850	8250	18	2020-03-28	67100
11	55000	3850	8250	18	2020-03-28	67100
12	55000	3850	8250	18	2020-03-28	67100
13	55000	3850	8250	18	2020-03-28	67100
14	55000	3850	8250	18	2020-03-28	67100
15	55000	3850	8250	18	2020-03-28	67100
16	55000	3850	8250	18	2020-03-28	67100
17	55000	3850	8250	18	2020-03-28	67100
18	55000	3850	8250	18	2020-03-28	67100
19	55000	3850	8250	18	2020-03-28	67100
20	55000	3850	8250	18	2020-03-28	67100
21	55000	3850	8250	18	2020-03-28	67100
22	55000	3850	8250	18	2020-03-28	67100
23	55000	3850	8250	18	2020-03-28	67100
24	55000	3850	8250	18	2020-03-28	67100
25	55000	3850	8250	18	2020-03-28	67100

Notifications

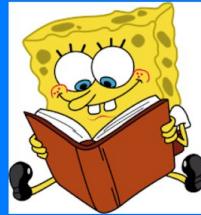
+

Notification for teacher

Attendance Report

Month	Working Days	Presents	Absents	L.A	C.L	M.L	S.L
3	0	0	0	00	15	15	15

Teacher Personal Page



Teacher 11

Father Name:

Address:

abc

Email:

CNIC:

staff@gmail.com

8793

Contact:

Teacher I'd:

9807367624

2

Status:

Permanent

Gender:

Male

Date of Birth:

1987-01-17

Phone No:

0

State:

Last Qualification:

Permanent Address:

abc

Current Address:

def

Place of Birth:

ghij

Matric Completion Date:

Matric Awarded Date:

Matric Certificate:

Fa Completion Date:

Fa Awarded Date:

Fa Certificate:

BA Completion Date:

BA Awarded Date:

BA Certificate:

MA Completion Date:

MA Awarded Date:

MA Certificate:

Teacher Personal Update Page



- [Dashboard](#)
- [Personal Profile](#)
- [Personal Information](#)
- [Teacher Courses](#)
- [Student Attendance](#)
- [Class Results](#)
- [Change Password](#)

Update Your Personal Information

First Name: [*]	Middle Name: [*]
Teacher	1
Last Name: [*]	Father Name: [*]
1	Enter Father Name
CNIC: [*]	Mobile: [*]
8793	9807367624
Gender	Qualification
Male	Last Qualification
Current Address: [*]	Permanent Address: [*]
def	abc
State Or Province: *	Place of Birth: [*]
State Province	ghij

[Update Information](#)

Teacher: Class Result



- [Dashboard](#)
- [Personal Profile](#)
- [Personal Information](#)
- [Teacher Courses](#)
- [Student Attendance](#)
- [Class Results](#)
- [Change Password](#)

Add Class Result

Enter Class Id:	Enter Semester:	Enter Subject:					
Select Course	Enter Semester	Select Subject					
Press							
Submit							
Sr.No	Roll No	Course Name	Subject Name	Semester	Student Name	Total Marks	Obtain Marks

Student Dashboard Page

localhost / 127.0.0.1 / walchand Student - Dashboard

localhost/College_Management_System/student/student-index.php

WALCHAND COLLEGE OF ENGINEERING

- Dashboard
- Personal Profile
- Personal Information
- Student Results
- Student Transcript
- Student Fee
- Change Password

Welcome To Kunal Santosh Kadam Dashboard

Subject Code	Subject Name	Semester	Credit Hours
OOP	Object Oriented Programming	2	4

Voucher No.	Roll No.	Amt (Rs.)	Posting Date	Status

Subject code	Subject Name	Semester	Marks
OOP	Object Oriented Programming	2	100

Roll No	Present	Absent	Percentage
1	0	0	0%

Student Info Page

localhost / 127.0.0.1 / walchand Student - Dashboard

localhost/College_Management_System/student/student-index.php

WALCHAND COLLEGE OF ENGINEERING

- HOME
- ACADEMICS
- ADMISSION


Kunal Santosh Kadam

Father Name: Santosh	Address:
Email: kunal.kadam@walchandsangli.ac	CNIC:
Contact: 9890300733	Roll No: 1

Applicant Status: Select Option	Application Status: Select Option	Prospectus Status: Select Opt
Phone No: 9890300733	State:	Semester: 0
Gender: Select Gen	Course: B.Tech.	Session: S19
Date of Birth:	Admission Date: 2022-02-14 13:42:24	B Form:
Permanent Adress:	Current Address:	Place of Birth:
Matric Completion Date:	Matric Awarded Date:	Matric Certificate:

Student Information Update Page



- [Dashboard](#)
- [Personal Profile](#)
- [Personal Information](#)
- [Student Results](#)
- [Student Transcript](#)
- [Student Fee](#)
- [Change Password](#)

Update Your Personal Information

First Name: [*]	Middle Name: [*]
Kunal	Santosh
Last Name: [*]	Father Name: [*]
Kadam	Santosh
CNIC: [*]	Mobile: [*]
	9890300733
Gender	Semester
Select	0
Total Marks (InterMediate/HSSC/Equiv Marks): [*]	Obtain Marks (InterMediate/HSSC/Equiv Marks): [*]
0	50
Current Address: [*]	Permanent Address: [*]
State Or Province: [*]	Place of Birth: [*]
State Province	

[Update Information](#)

Student Result Page



- [Dashboard](#)
- [Personal Profile](#)
- [Personal Information](#)
- [Student Results](#)
- [Student Transcript](#)
- [Student Fee](#)
- [Change Password](#)

Student Result Summary

Term	Course	Subject	Cr.Hr	Total Marks	Obtain Marks	Grade	CGPA
M.Tech. CSE-2	M.Tech. CSE	OOP	4	100	93	A+	4
1.	FINAL RESULT	1	4	100	93	A+	4

Student Grade Page



WALCHAND COLLEGE OF ENGINEERING - WCE

Student Program - B.Tech. Program

Student Name : Kunal Santosh Kadamb

Father Name : Santosh

Student I.D : 1

Year of Admission : 2022 S19

Semester - 1 02/16/22		CH	%	G.P	Letter
CSPD	Communication Skills and Personality Development	3	0	0.00	F
Ds	Discrete Structure	3	0	0.00	F
I2C	Introduction to Computer Science	4	0	0.00	F
PF	Programming Fundamental	4	0	0.00	F
Total Semester CH		14			
.	.	.	.		
Semester GPA		0			

Semester - 3 15	CH	%	G.P	Letter
Total Semester CH	10			
Semester GPA		1.6		

Semester - 5 15	CH	%	G.P	Letter
Total Semester CH	10			

Semester - 2 02/16/22		CH	%	G.P	Letter
DBMS	Database Management System	4	0	0.00	F
DLD	Data Logic and Design	3	0	0.00	F
ITP	IT Project Management System	3	0	0.00	F
MBAD	Mobile Application Development	4	0	0.00	F
OOP	Object Oriented Programming	4	93	4.00	A+
SE	Software Engineering	3	0	0.00	F
WEB	Web Development	3	0	0.00	F
Total Semester CH		24			
Semester GPA					0.67

Semester - 4 15	CH	%	G.P	Letter
Total Semester CH	10			
Semester GPA				1.6

Semester - 6 15	CH	%	G.P	Letter
Total Semester CH	10			