CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in

Experimental Learning Index

The following experiential learning methods are employed to boost students' creativity and cognitive abilities:

Sr. No.	Details
1	Mini project Work
2	Expert Talk
3	Open Courses
4	Practical Session
5	Training Programs
6	Role Play
7	Student Centric ICT Tools and platforms
8	Poster Presentation

1. Mini Project Work

Students develop working models using the latest technologies using following guidelines:

Project Guidelines:

Course Code: ITC11
Course Name: Mini Project

Credit Scheme			Evaluation Scheme				
Lecture	Practical	Credit	Internal			External	Total
			Written	Practical	Tutorial		
-	10 Hrs./Week	5	-	75	-	50	125

Course Description:

A mini project is an assignment that the student needs to complete at the end of every semester to strengthen the understanding of fundamentals through effective application of the subjects learnt.

Course Outcomes:

Student will be able to

CO1: Create working project using tools and techniques learnt in this semester (Create)

Course Structure:

Siddhant Institute of Computer Application SEAL Sudumbare, Pune-412109

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in

Course Structure:

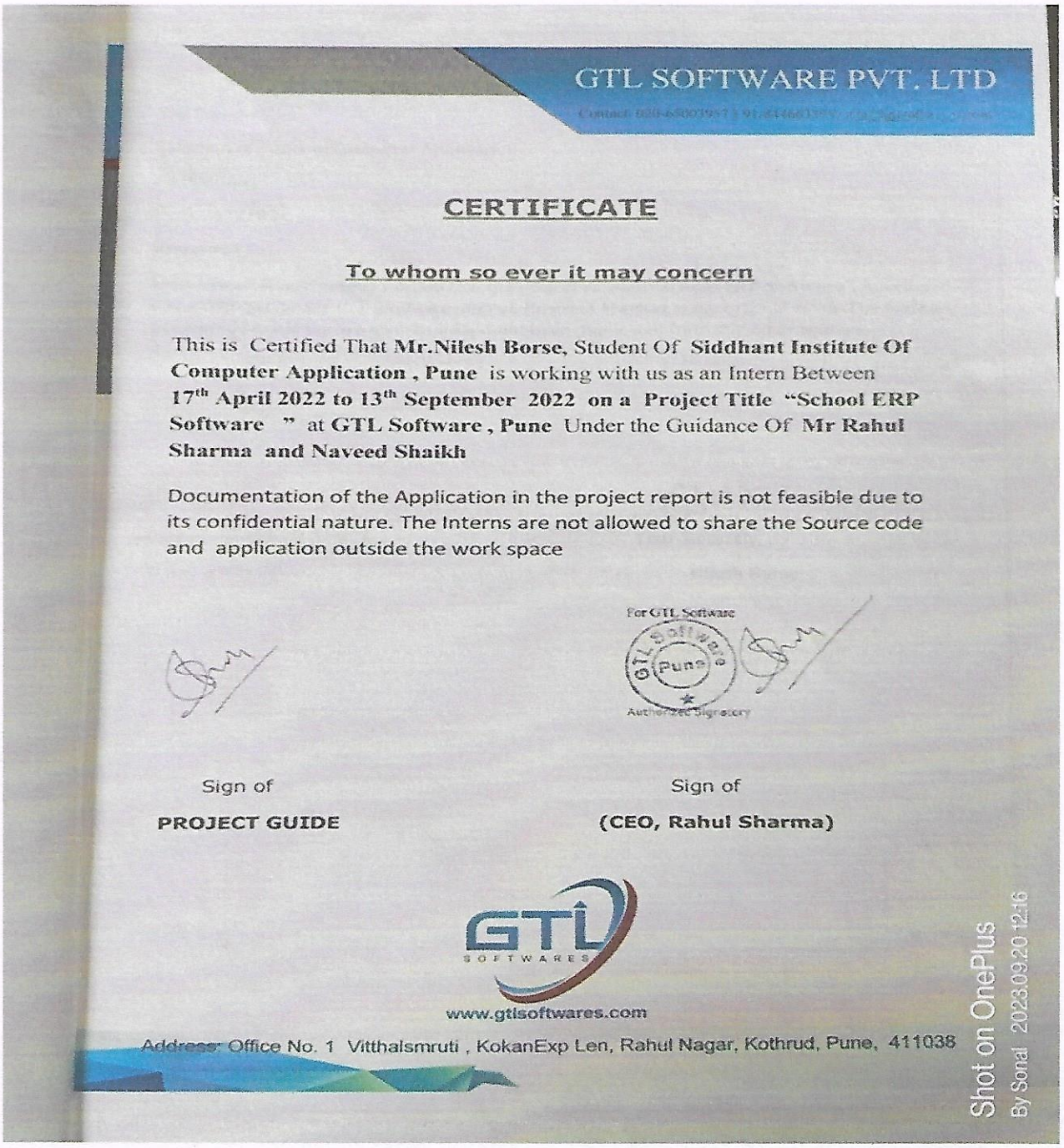
Guidelines for Mini Project

1. Students are expected to undertake one mini project starting from first semester till third semester.
2. The student may take up the mini project in first semester based on the courses learnt in that semester and for every next semester the mini project may be based on the courses learnt in the current semester along with all the subjects learnt in earlier semesters.
3. The student may take up the project individually or in group. However, if project is done ingroup, each student must be given a responsibility for distinct modules.
4. Selected project/module must have relevant scope as per the marks assigned and must becarried out in the Institute.
5. Internal guide should monitor and evaluate the progress of the project on individual basis through handwritten workbook (Project Diary) maintained by students containing various project milestones with learnings and remarks from internal guide for concurrent evaluation.
6. The Project Synopsis should contain an Introduction to Project clearly stating the project scope in detail justifying enough scope for 125 marks. The project work will carry 75 marks for internalassessment and 50 marks for external assessment.
7. Students are expected to show working demo of the project during final evaluation.
8. **Students are expected to upload mini-project on GITHUB as project repository of theinstitution.**
9. Students are expected to submit the soft copy of mini project report as a part of finalsubmission.
10. The project will be assessed internally as well as externally by the examiners appointed byUniversity. University may appoint Industry Experts as an external examiner

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com **Website:** www.siddhantica.in

Project Certificate:



GTL SOFTWARE PVT. LTD

CERTIFICATE

To whom so ever it may concern

This is Certified That **Mr.Nilesh Borse**, Student Of **Siddhant Institute Of Computer Application , Pune** is working with us as an Intern Between **17th April 2022 to 13th September 2022 on a Project Title "School ERP Software "** at **GTL Software , Pune** Under the Guidance Of **Mr Rahul Sharma and Naveed Shaikh**

Documentation of the Application in the project report is not feasible due to its confidential nature. The Interns are not allowed to share the Source code and application outside the work space

For GTL Software

GTL Software Pune

Authorised Signatory

Sign of
PROJECT GUIDE

Sign of
(CEO, Rahul Sharma)

GTL SOFTWARES

www.gtlsoftwares.com

Address: Office No. 1 Vitthalsmruti , KokanExp Len, Rahul Nagar, Kothrud, Pune, 411038

Shot on OnePlus
By Sonal 2023.09.20 12:16

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in

iT Gurus Software
a guru for everyone

Internship Letter
Private & Confidential

09th Apr 2022

Dear Somnath,

We are pleased to inform that you have been selected for as a **Trainee Software Engineer.** Your date of joining will be 11 April 2022 .

The other terms and conditions of your appointment letter remain unchanged.

We take this opportunity to place on record our appreciation of your contribution n.We look forward to your valuable contributions and wish you all the very best for a rewarding career with the organization.

With best wishes,

For IT Gurus Software

Santhosh EM

Employee:

Somnath Harale

Sharale

SEAL

CAYMET'S
Siddhant Institute of Computer Application
Chakan-Talegaon Road, A/P Sudumbare, Tal. Maval, Pune - 412109

REPORT

- **Topic:** Guest Lecture on Internship/Corporate Training and Placement
- **Guest lecturer**: Mr. Shivraj Gaikwad & Mr. Prasad Gaikwad
- **Co-ordinator**: Asst. Prof. Sarita Patil
- **Date & Time**: 23-06-2023

Session-I: 10.30 AM to 12.30 PM

- **Venue** : Seminar Hall
- **Guest Profile**: Mr. Shivraj Gaikwad (Director of Rapportsoft & Technology Pvt. Ltd,Hinjwadi)

  Experience: Total – **18 Years**

  Area of Specialization:Project Manager, Interview Panel Head.

  Mr. Prasad Gaikwad (Technical Lead)

  Experience: Total – **12 Years**

  Area of Specialization: Java Development.

- **Content:**

A part of departmental activity a guest lecture on **"Internship Program Corporate Training and Placement"** was held on 23rd June 2023. The guest lecture has been organized by the department of MCA to provide the knowledge of six month internship and Corporate Training to the students. All the students of first year attended the lecture. The guest lecture began with welcome address by the Student, Puja Ahuja. She has introduced and welcomed Mr. Shivraj Gaikwad sir & Mr. Prasad Gaikwad sir who has resource person to deliver the lecture.

The session was held by Mr. Prasad Gaikwad sir who began with an introduction to basics of vibration and how important it is going to be in the near future. Following which he

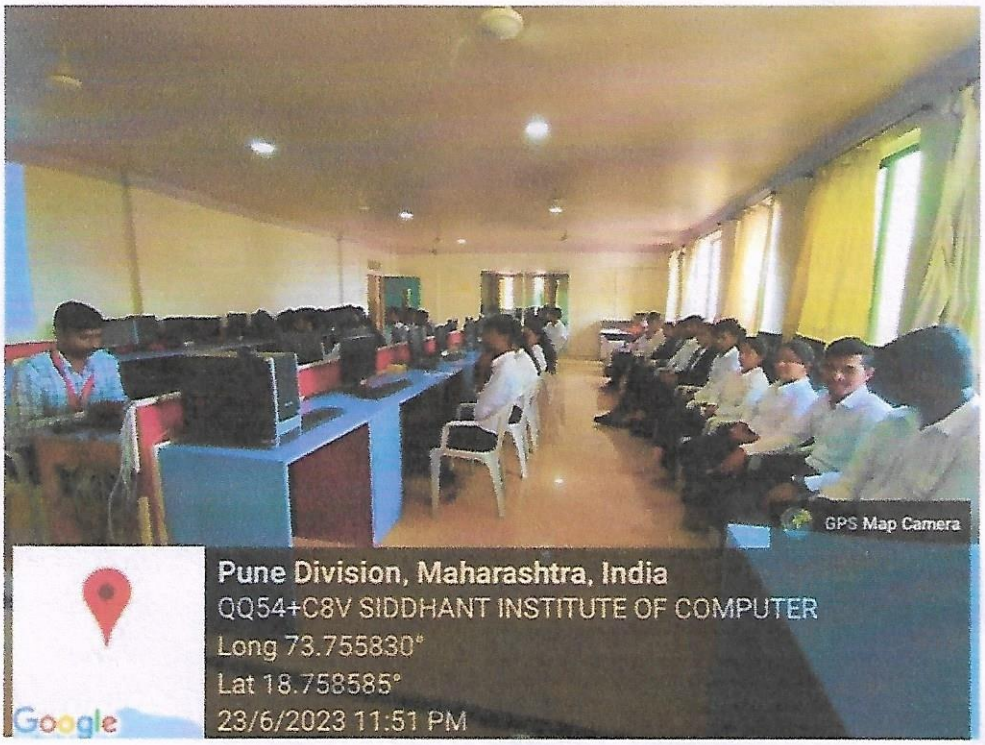
Siddhant Institute of Computer Application SEAL Sudumbare, Pune-412109

shed light on the various technology & available current jobs based on it. He also suggested & encouraged to students to do career in Computer vibration field.

The session ended with hearty thanks and presenting of a memento to Prof. Sarita Patil in appreciation for taking the time out to educate the students on vibration. She thanked the department & college management for providing the platform to organize guest lectures on basics of vibration. He appreciated Faculty members, students for the successful conduction of the guest lecture

Moments-

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109



Siddhant Institute of Computer Application
SEAL
Sidumbare, Pune-412109

CAYMET'S
Siddhant Institute of Computer Application
Chakan-Talegaon Road, A/P Sudumbare, Tal. Maval, Pune - 412109

REPORT

- **Topic:** Carrier Opportunities after MCA
- **Guest lecturer**: Ms. Monika Samrutwar
- **Co-ordinator**: Asst. Prof. Sarita patil
- **Date & Time**: 30-01-2023

Session-I: 01.45 PM to 3.15 PM

- **Venue** : Seminar Hall
- **Guest Profile**: Ms. Monika Samrutwar (Training and Placement head)

Experience: Total – **5 Years**

- **Content:**

A part of departmental activity a guest lecture on "Carrier Opportunities after MCA" was held on 30th Jan 2023. The guest lecture has been organized by the department of MCA to provide the knowledge of carrier opportunities to the students. All the students of first year and second year attended the lecture. The guest lecture began with welcome address by the Head of the Department, Prof. Reshma Mavakar Mam. She has introduced and welcomed Ms. Monika Samrutwar who has resource person to deliver the lecture.

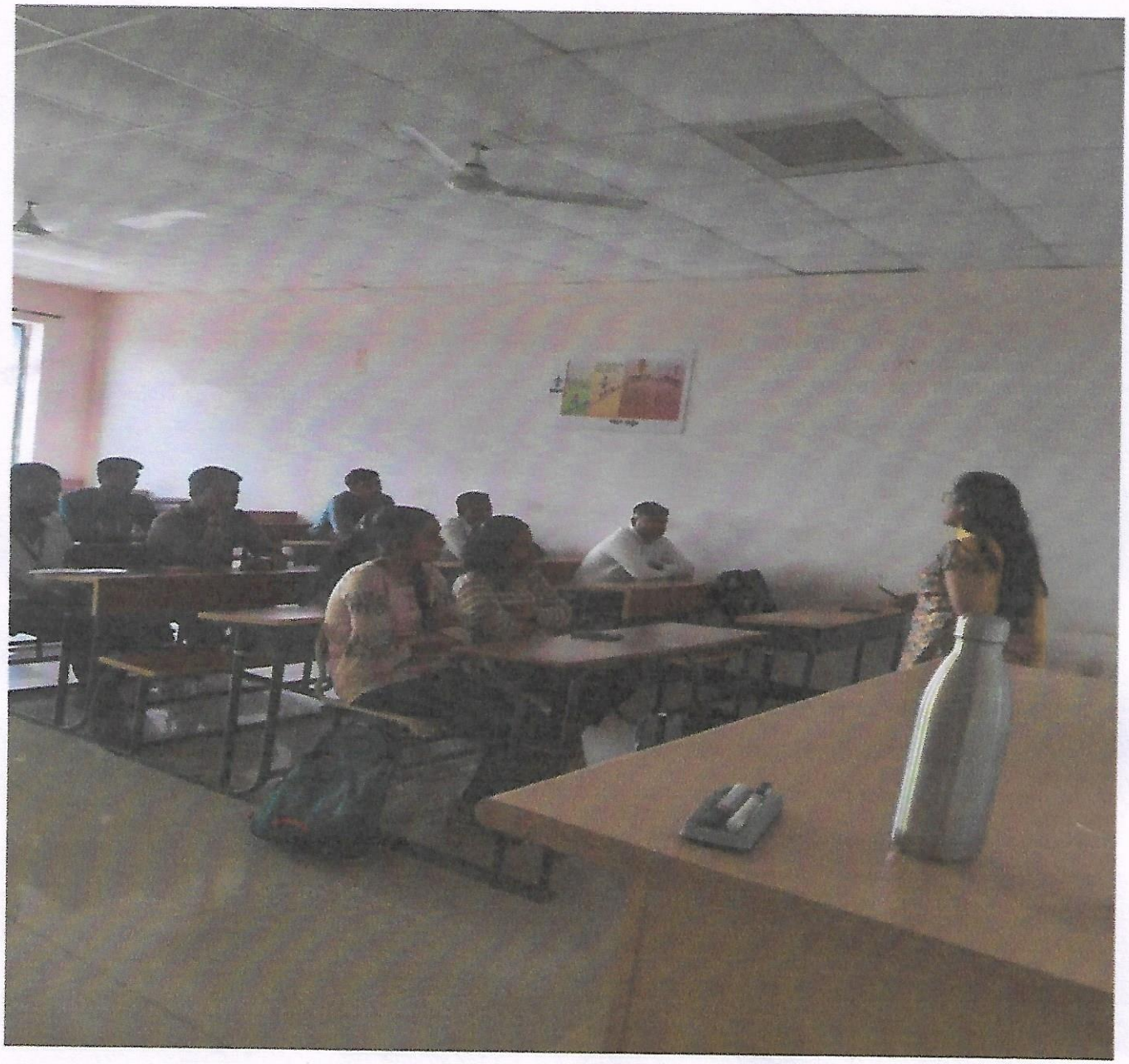
The session was then continued by Ms. Monika Samrutwar madam who began with an introduction to basics of vibration and how important it is going to be in the near future. Following which he shed light on the various technology & available current jobs based on it. He also suggested & encouraged to students to do career in Computer vibration field.

The session ended with hearty thanks and presenting of a momento to Prof. Sujata Albhar in appreciation for taking the time out to educate the students on vibration. She thanked the department & college management for providing the platform to organize guest lectures on

Siddhant Institute of Computer Application SEAL Sudumbare, Pune-412109

basics of vibration. He appreciated Faculty members, students for the successful conduction of the guest lecture

Moments-



Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

CAYMET'S
Siddhant Institute of Computer Application
Chakan-Talegaon Road, A/P Sudumbare, Tal. Maval, Pune - 412109

REPORT

- **Topic:** Technical Session
- **Guest lecturer**: Mr. Nilesh Jambulka and Mr. Atulkumar Chalakh
- **Co-ordinator**: Asst. Prof. Sarita patil
- **Date & Time**: 7-12-2022

  Session-I: 10.30 AM to 12.30 PM

  Session-II: 01.00 PM to 2. 30 PM
- **Venue** : Seminar Hall
- **Guest Profile**: Mr. Nilesh Jambulkar(Technical Lead)

  Experience: Total – **10 Years**

  Area of Specialization: Stack Java, spring boot, Misroservices.

  Mr. Atulkumar Chalakh (Technical Lead)

  Experience: Total – **10 Years**

  Area of Specialization: Stack Java, Spring boot, Misroservices.

- **Content:**

A part of departmental activity a guest lecture on "Internship Program" was held on 7th December 2022. The guest lecture has been organized by the department of MCA to provide the knowledge of six month internship to the students. All the students of first year and second year attended the lecture. The guest lecture began with welcome address by the Head of the Department, Prof. Reshma Mavakar Mam. She has introduced and welcomed Mr. Nilesh Jambulkar sir and Mr. Atulkumar Chalakh who has resource person to deliver the lecture.

The session was then continued by Mr. Nilesh Jambulkar sir who began with an introduction to basics of vibration and how important it is going to be in the near future.

Siddhant Institute of Computer Application SEAL Sudumbare, Pune-412109

Following which he shed light on the various technology & available current jobs based on it. He also suggested & encouraged to students to do career in Computer vibration field.

The session ended with hearty thanks and presenting of a memento to Prof. Sujata Albhar in appreciation for taking the time out to educate the students on vibration. She thanked the department & college management for providing the platform to organize guest lectures on basics of vibration. He appreciated Faculty members, students for the successful conduction of the guest lecture

Felicitation of Guest -

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109.

Moments-

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica

Open Course

WordPress

Objective:Learn the simple, flexible, and powerful platform for building your own website or blog

Unit 1: Introduction CMS andWordPress

- Why CMS
- Advantages and Disadvantages of CMS
- com vs. WordPress.org

Unit 2: WordPress Installation

- Setting up WordPress in Local Server
- Setting up WordPress in Remote Server
- Upgrading WordPress
- Understanding FTP

Unit 3: User Administration

- WordPress Admin
- Creating Users
- User Rights & Roles

Unit 4: WordPress Themes

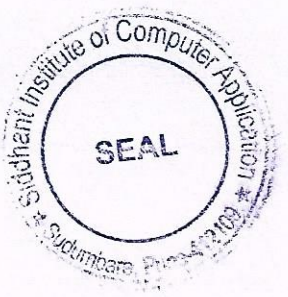
- Free theme Vs Paid Theme
- Theme Selection Process
- Adding/installing Themes
- Changing Themes
- Preview & Activating Themes

Unit 5: Working with Widgets

- Installing widgets in sidebar
- Installing widgets in footer

Unit 6: Working with Menu for your Website

- Creating menus
- Adding pages, posts, categories to menus
- Creating Sub-menus
- Deleting items from menu



Unit 7: WordPress Plugins

- Installing plugins
- Activating Plugin & managing plugins
- Upgrading plugins
- Recommended Plugins

Unit 8: Working with Content

- Posts Vs. Pages
- Adding Hyperlinks
- Playing with Media content
- Previewing and Editing Posts
- Previewing and Editing Pages
- Page Order
- Creating a post
- Adding Media files to content –images and videos
- Using Categories and Tags
- Creating Pages
- Page Hierarchy

Unit 9: WordPress Settings

- General settings
- Reading
- Media
- Writing settings
- Discussion
- Permalinks

Unit 10: WordPress Backup

- Enhancing WordPress Security

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in

Linux Syllabus

Unit I : Introduction to Unix & Linux
i)History of Unix & Linux
ii)Basic Concepts of Operating Systems, Kernel, shell and file system structure
iii)Basic Concepts of Linux
iv)Basic Commands of Linux
v)Advanced Linux Commands

Unit II : Installation of Linux
i)Interactive Installation
ii)Kickstart Installation
iii)Network based Installation

Unit III : Startup and Shutdown scripts
i)Boot Sequence
ii)Kernel Initialization
iii)INIT Process

Unit IV : Software Package Administration
i)Installing and deleting software packages
ii)Querying and updating software packages

Reference Book:

1. Bash Pocket Reference: Help for Power Users and Sys Admins. By Armold Robbins. "Great handy Pocket reference with clear and organized presentation.".

2. Amazon.com: **Practical Linux System Administration:** A Guide to Installation, Configuration, and Management: 9781098109035: Hess, Kenneth: Books.

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in

RProgramming Syllabus

Unit 1: R Introduction:

i) R Syntax
ii)R Comments
iii)R Variables
iv)R Data Types
v)R Numbers
vi)RMath
vii)RStrings
viii)RBoolean
ix)ROperators
x)Rif…else
xi)Rwhile loop
xii)Rfor loop
xiii)Rfunctions

Unit 2: R Data Structures:

i)RVectors
ii)RLists
iii)RMatrices
iv)RArrays
v)RData Frames
vi)RFactors

Unit 3: R Graphics

i)R Plot
ii)R Line
iii)R Scatterplot
iv)R Pie Charts
v)RBars

Unit 4: R Statistics

i)R Statistics Intro
ii)RData Set
iii)RMax and Min
iv)RMean,Median,Mode
v)R Percentiles

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in

Student Centric ICT Tools and platforms

Following ICT facility are provided in the classrooms:

Google Classroom, Zoom, WebEx and WhatsApp platforms for conducting online lectures, practical sessions, project meetings, Webinars and guest lectures.

SPPU LMS (Savitribai Phule Pune University-Learning Management System)to manage and post learning material(Video Lectures ,Reference Books,Ppt's ,Notes),Lab submissions and evaluations,assignments,etc.Online Quizes,polls and surveys are conducted regularly conducted to record the feedback of the students.

Online tools like – E-Draw for draw UML Diagrams,ETL tool, BI and analytics Data Warehouse and Data Mining ,Jupiter Notepad for KRAI,Selenium,Cucumber,JEERA, for STQA Subjects.

//Semester wise feedback faculty feedback for course delivery…..

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

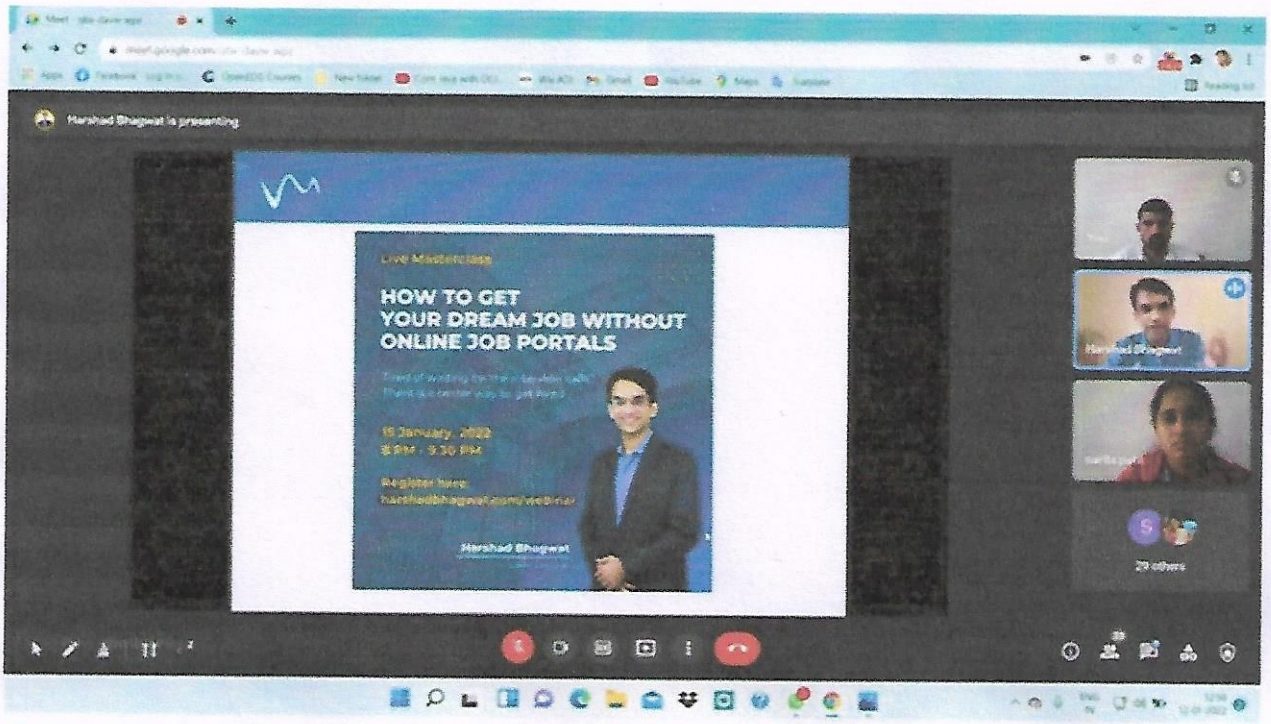
CAYM Education Trust's

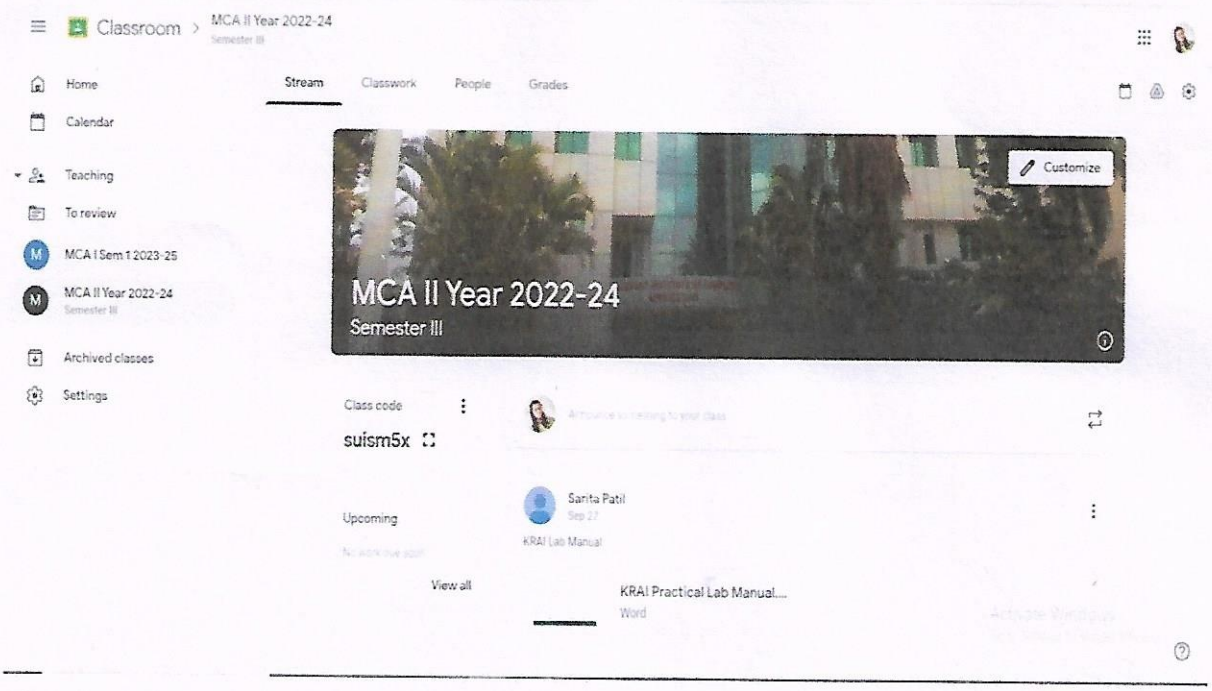
SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)

Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992

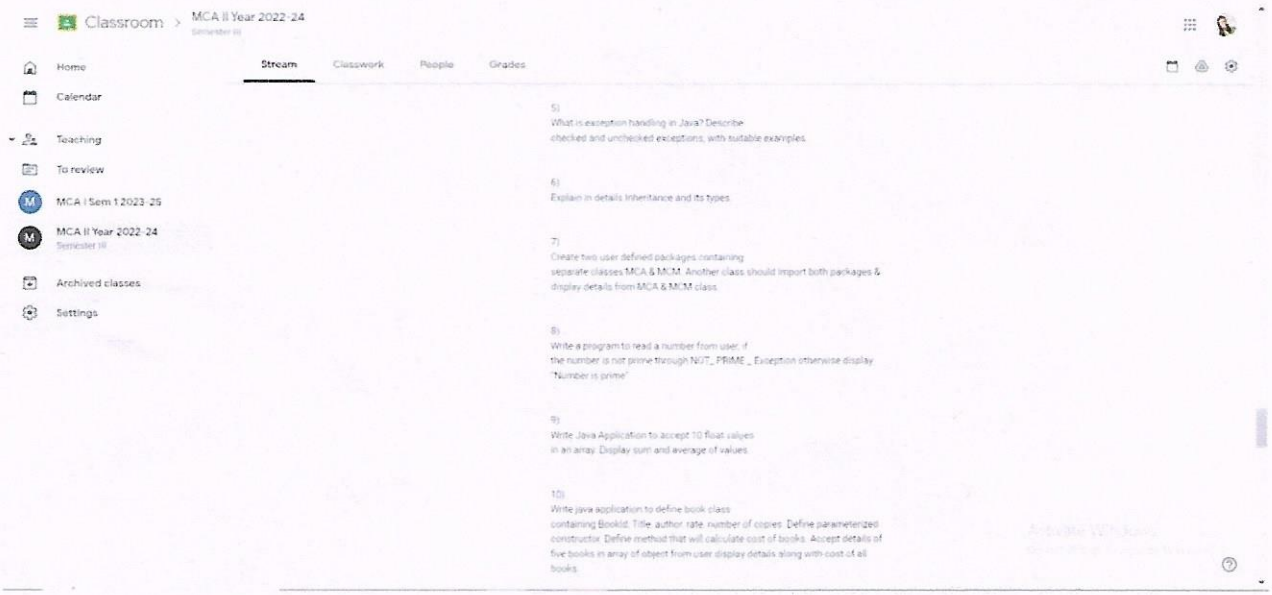
Email: siddhantica1@gmail.com **Website:** www.siddhantica.in

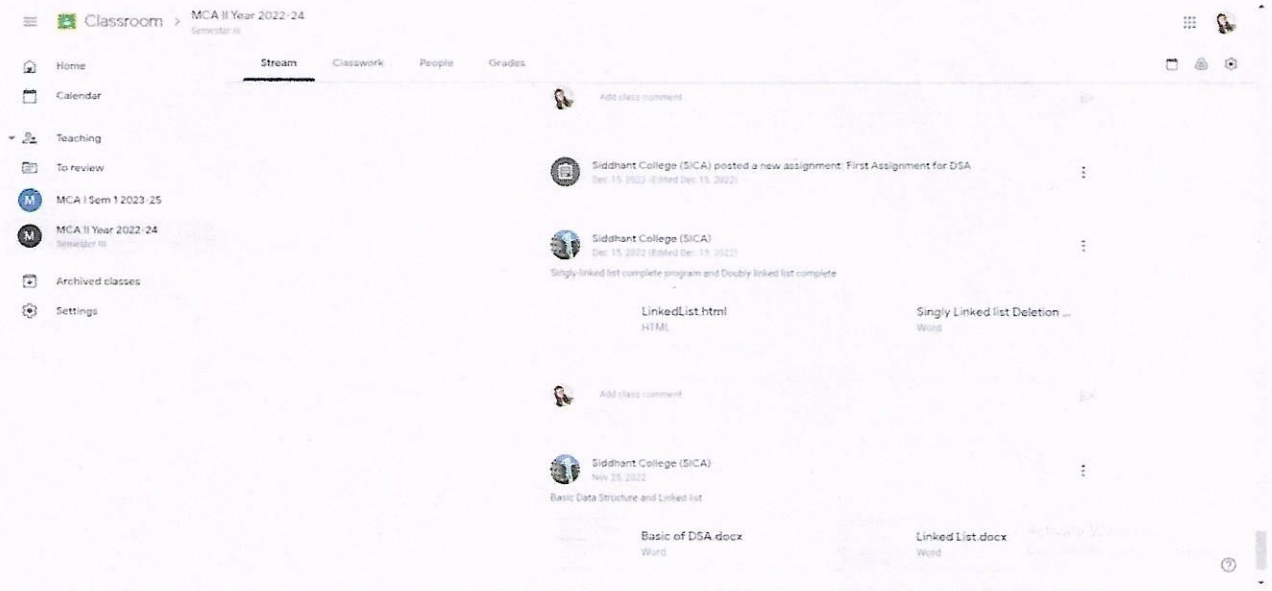




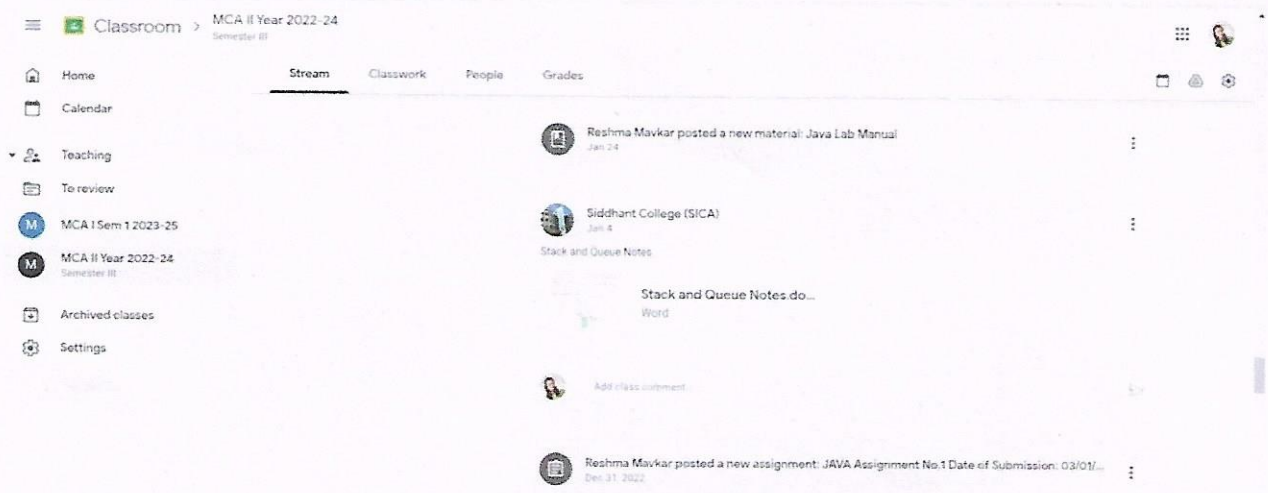
Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

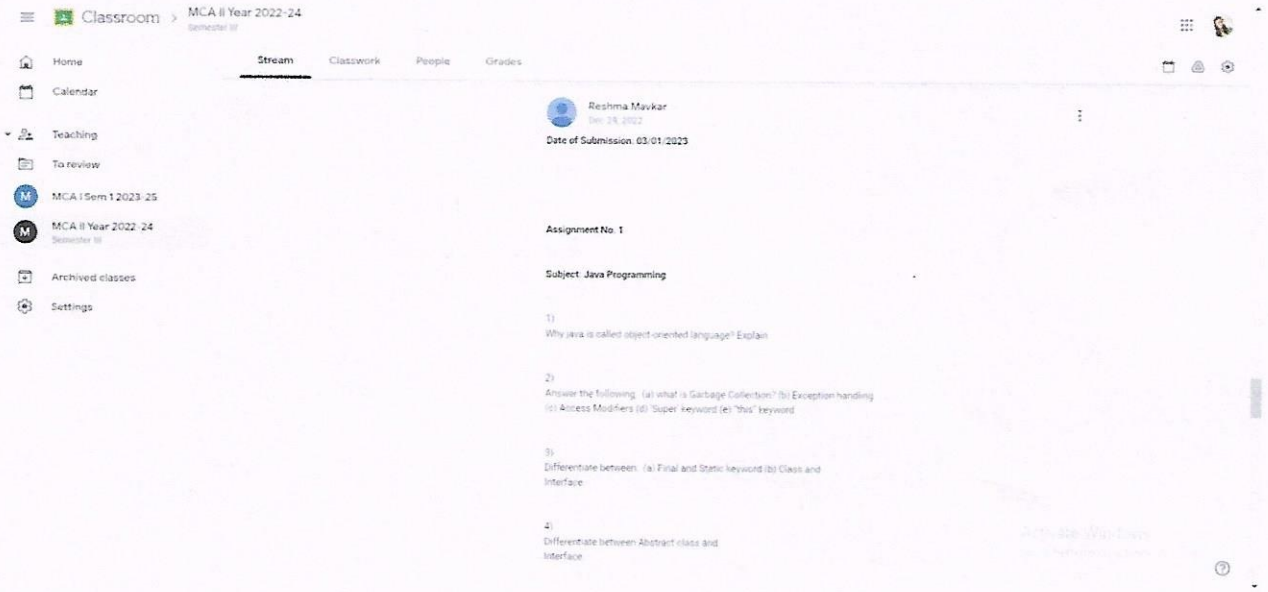
CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in





CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in





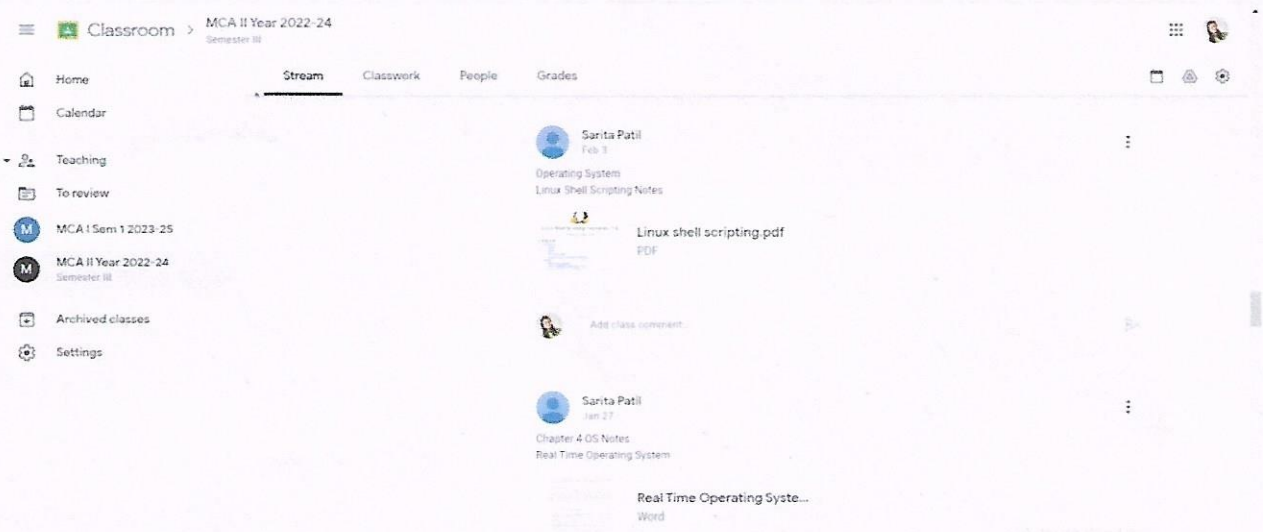
CAYM Education Trust's

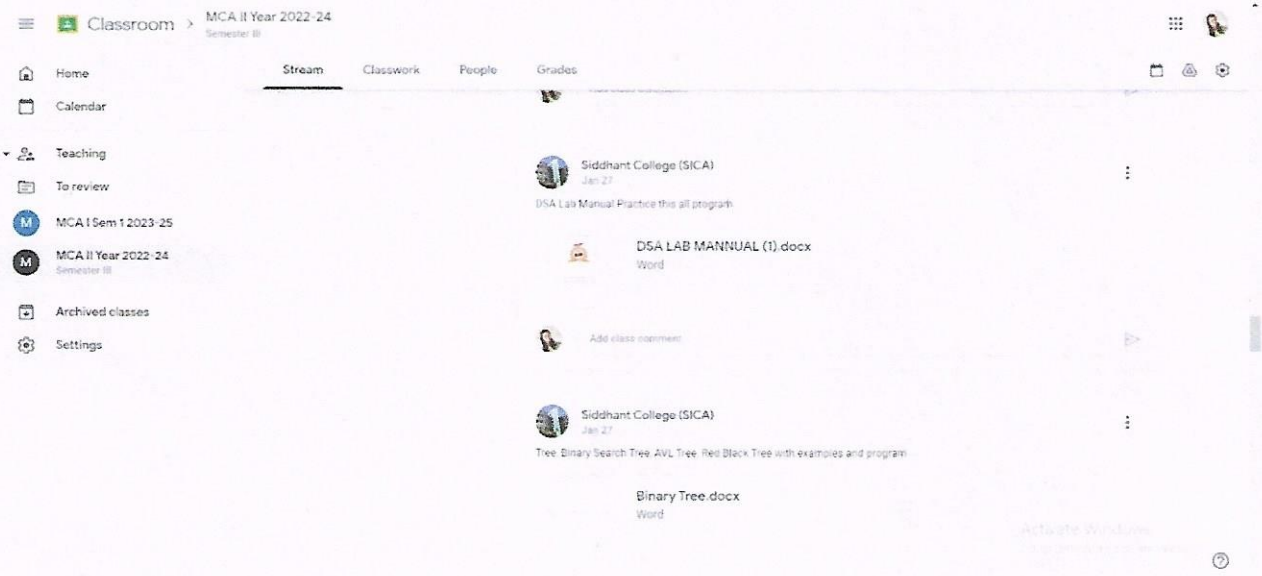
SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)

Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992

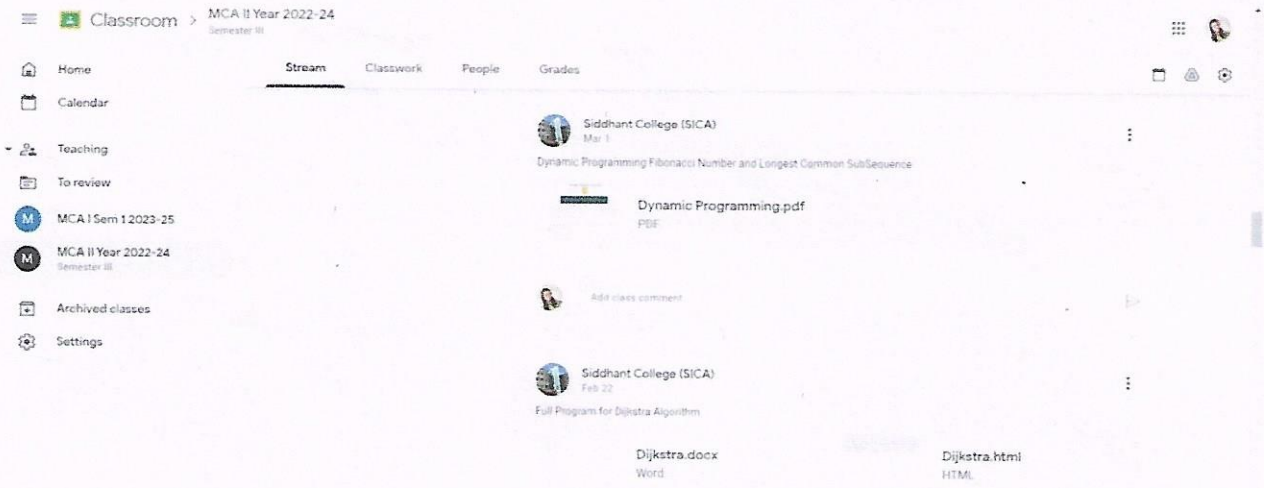
Email: siddhantica1@gmail.com **Website:** www.siddhantica.in

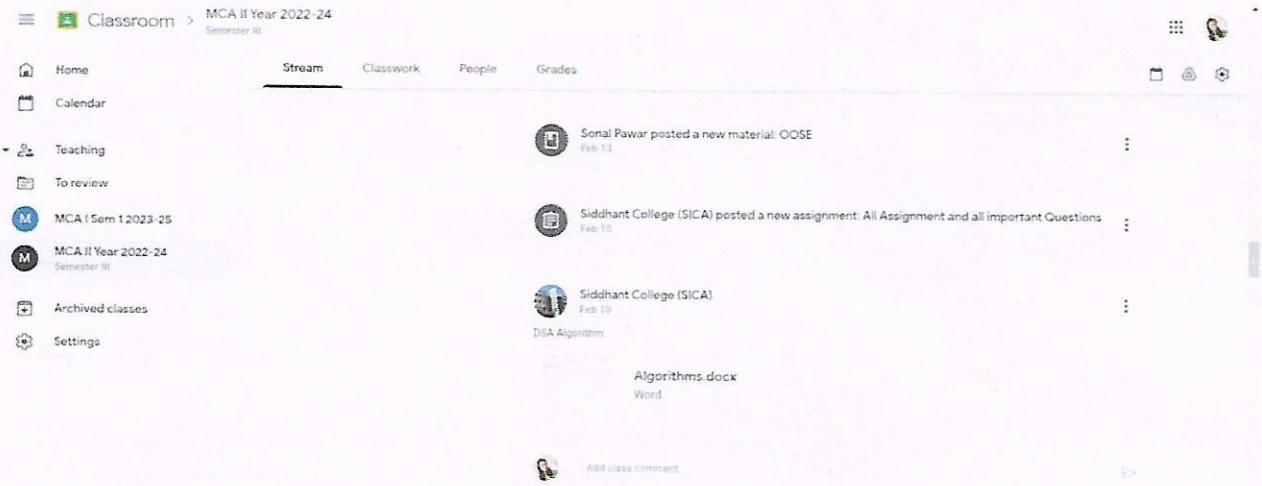


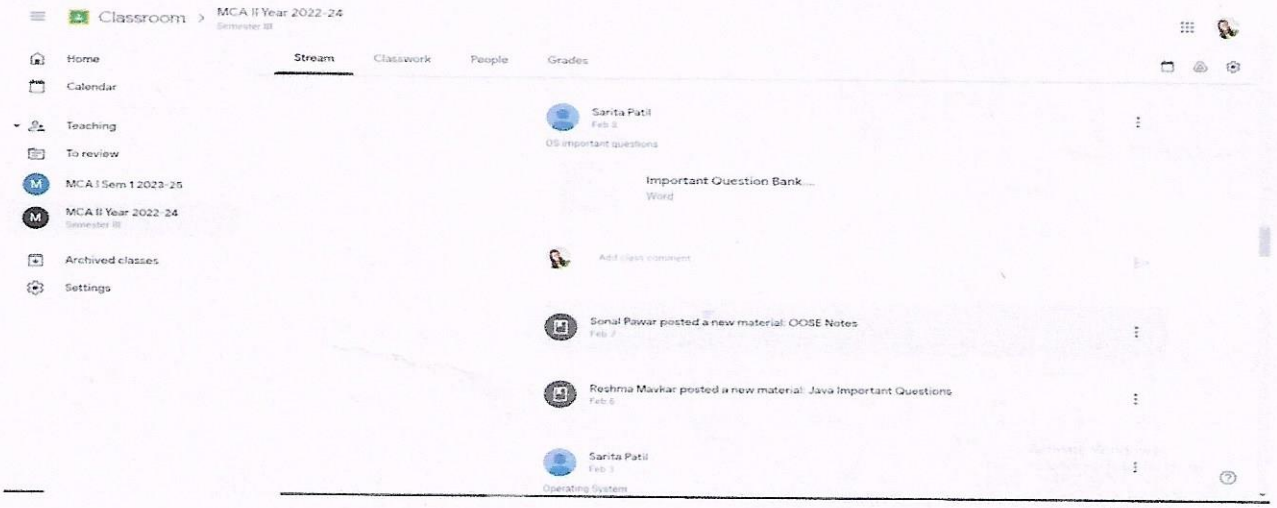


Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in

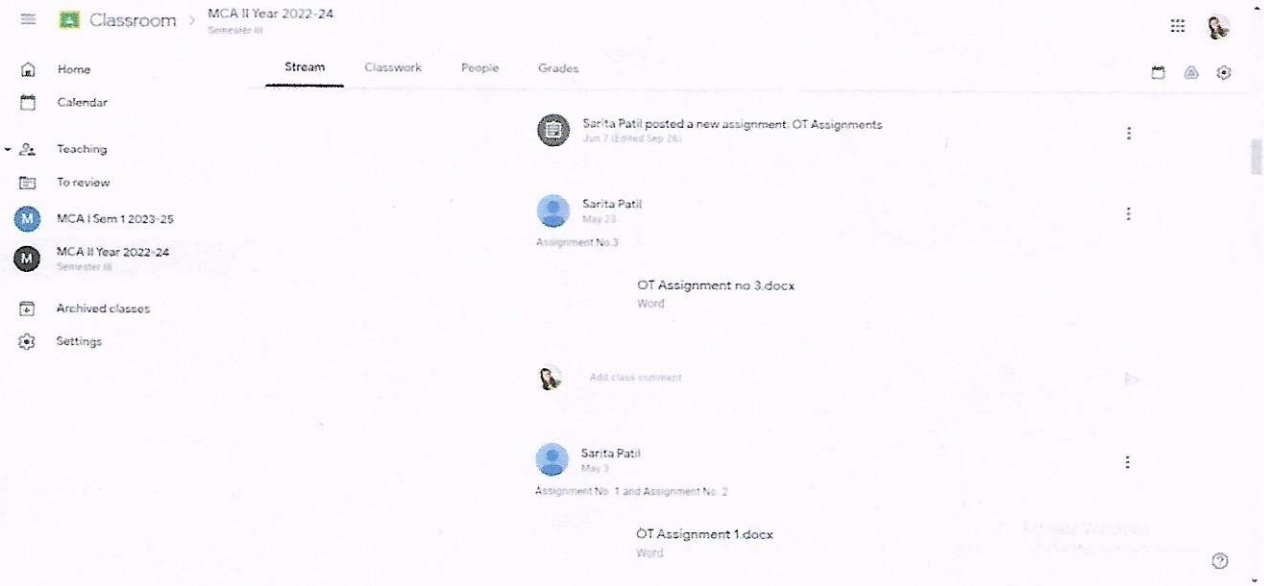


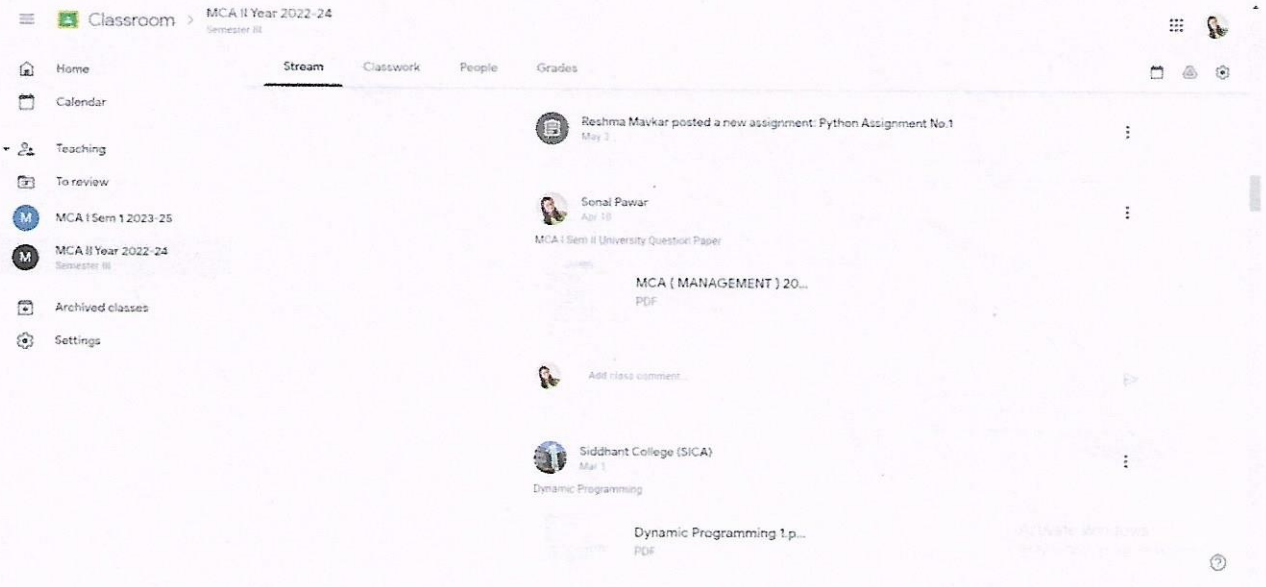




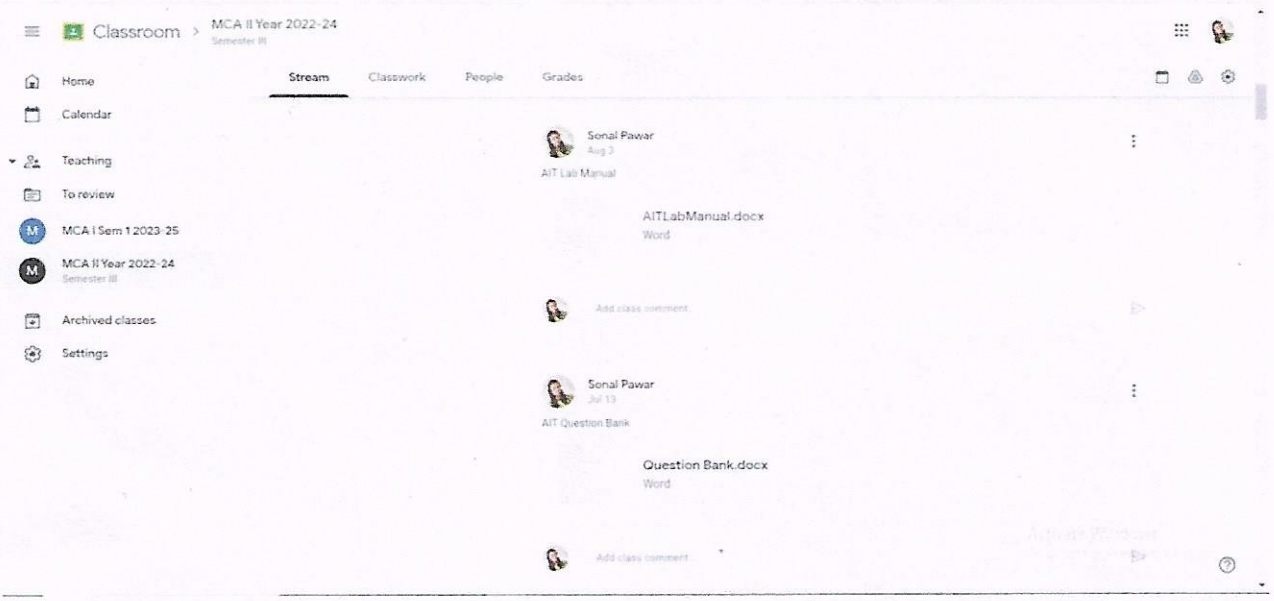
Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

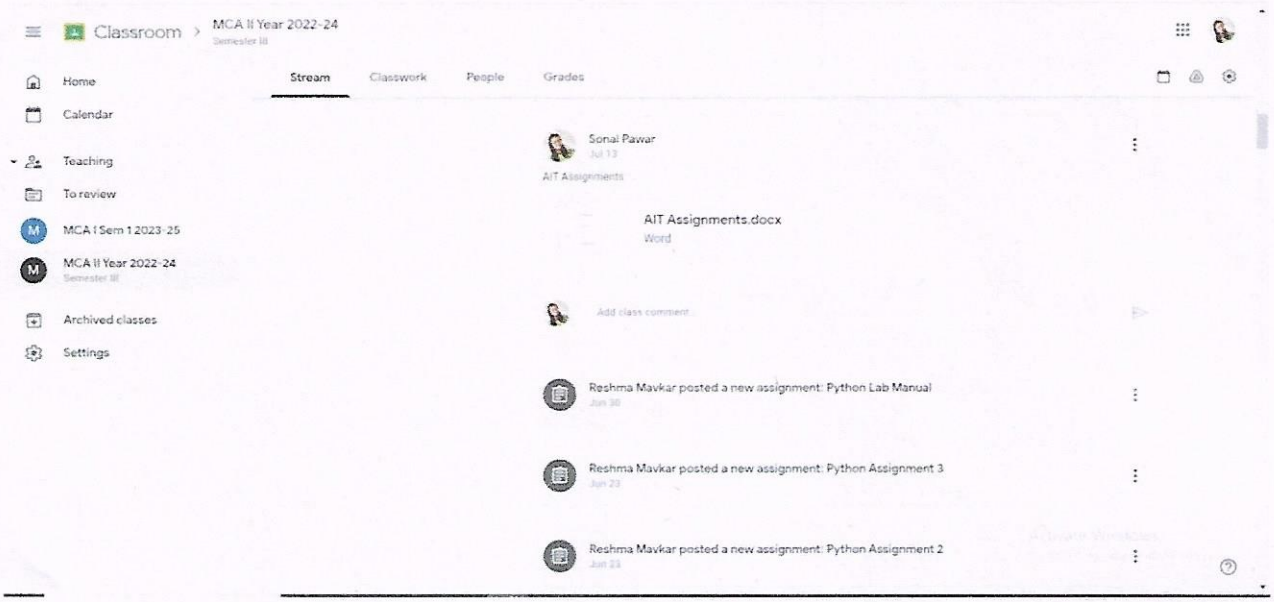
CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com **Website:** www.siddhantica.in





CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add: At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com **Website:** www.siddhantica.in





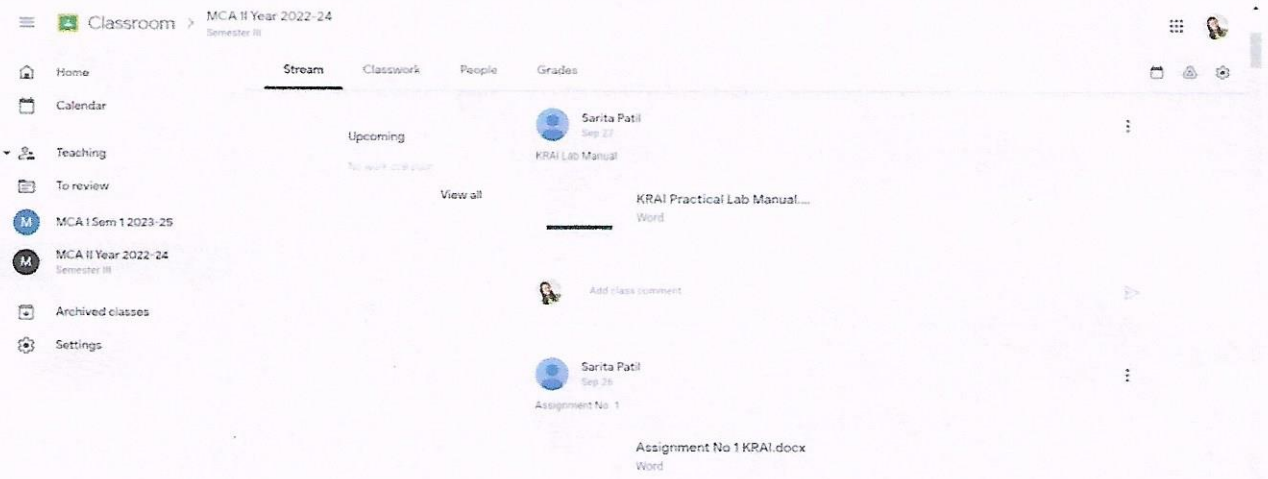
CAYM Education Trust's

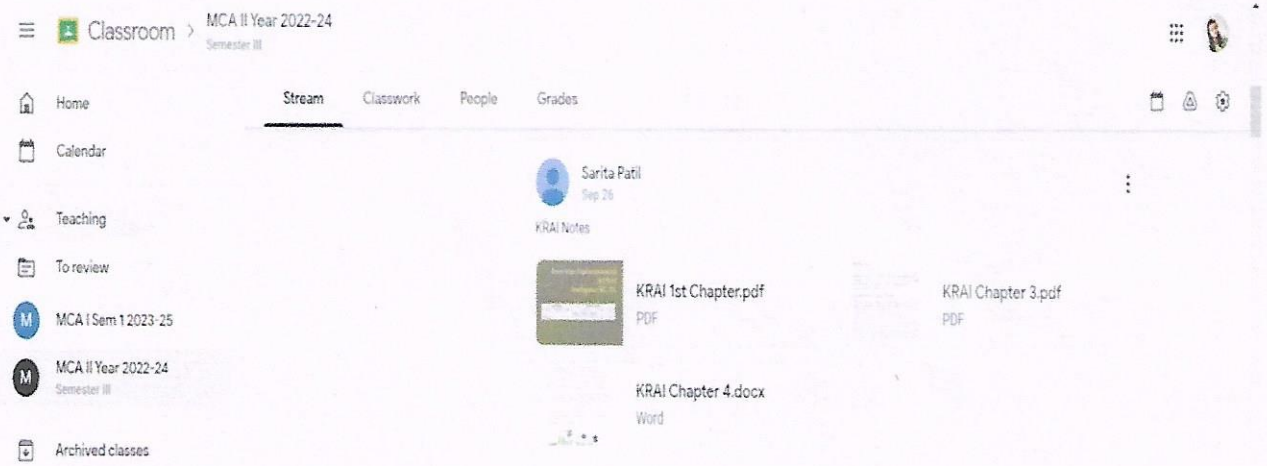
SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)

Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992

Email: siddhantica1@gmail.com **Website:** www.siddhantica.in





Director
Siddhant Institute of Computer Application
Sudumbare, Maval, Pune - 412109.

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109