



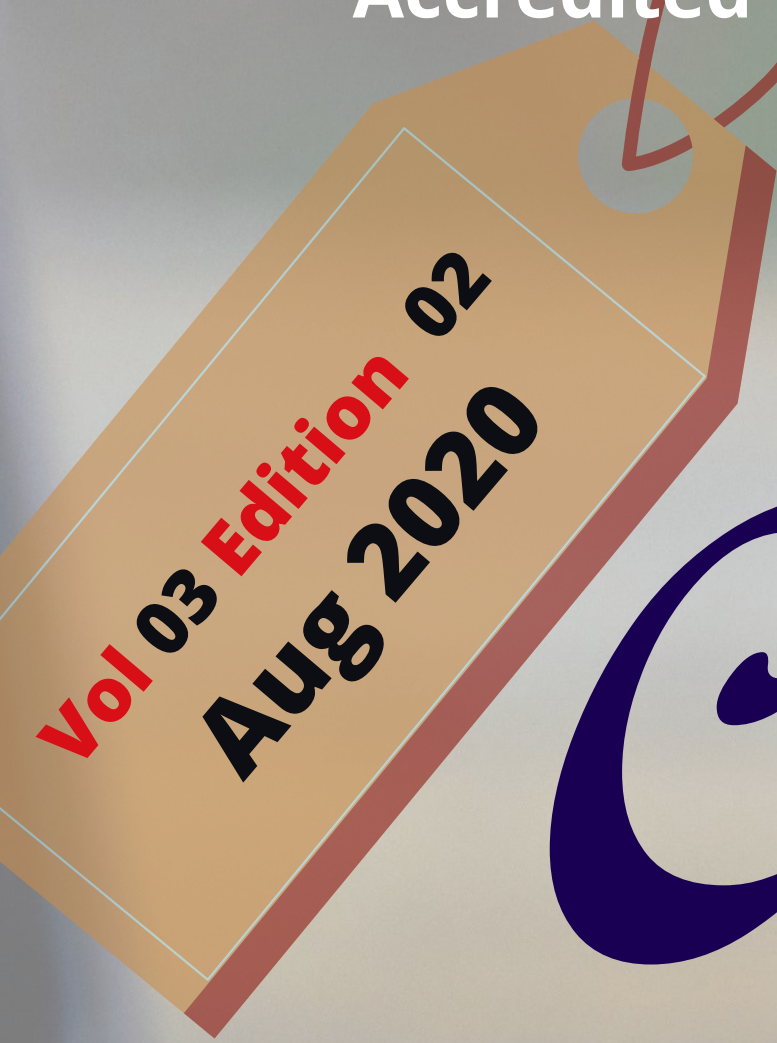
UNIVERSAL

Vidya Vikas Education Trust's

Universal College of Engineering

Approved by AICTE, DTE, Maharashtra State Government and Affiliated to University of Mumbai

Accredited with 'B+' grade by NAAC | Recognised as Linguistic (Gujarati)
Minority Institution



Coffee & Code ;

An Initiative by the Department of Computer Engineering

VISION

To be recognized as a department that provides quality technical education and research opportunities that eventually caters to helping and serving the community.

MISSION

- To groom the students to participate in curricular and co-curricular activities by providing efficient resources.
- To motivate the students to solve real world problems to help the society grow.
- To provide a learning ambience to enhance innovations, team spirit and leadership qualities for students.

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Prepared by:

MR. SRIDHAR IYER
MRS. HEZAL LOPES
MS. APURVA CHAUDHARI

In Association with



(Computer Engineering Student Association)

UCoE Ranked 1st in Emerging Engineering Institute by TOI



DTE Code: 3460

Universal College of Engineering

Recognised as Gujarati Minority Institution

RANKED AS THE

No.1

EMERGING ENGINEERING INSTITUTE IN INDIA

for the 6th consecutive year (2015 - 2020)

TIMES ENGINEERING INSTITUTE
Ranking Survey 2020

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**UCoE recieved different awards
under CSI & IEI Student Chapter i.e.**

1)Best Institute of the Year

**2)Best Faculty of the Year
(Mr. Sridhar Iyer)**

**3)Best Social Impact Project
and Active Students' Chapter
(Mrs. Kanchan Dabre)**

CONGRATULATIONS

**As per TIMES ENGINEERING INSTITUTES
RANKING SURVEY 2020, Universal College of
Engineering is ranked 1st among Top
Emerging Engineering Institutes for the 6th
Consecutive Time.**



An Institute for Multifarious Education

Universal College of Engineering (UCoE) was ranked 1st under Top Emerging Engineering Institutes (Times Engineering Institute Survey 2019) published on 27th May, 2019 by OMS (a Division of Times Internet Limited), a research by Market Xcel Data Matrix. Pvt. Ltd. The college has been accredited B+ grade by National Assessment and Accreditation Council (NAAC) in the first cycle of assessments. The college consistently to be a forerunner among the top engineering institutions of the country.

The quality of research at Universal College of Engineering is improving by many folds with each passing day. The Institute is exalted to witness the quality of research and innovation shown by the students who have achieved great success at the National Level Technical Competitions, such as the most coveted Smart India Hackathon and Transform Maharashtra.

Students secured the winning position in Bon-Auto Router Event CEA 2020, conducted by IIT Madras. First-year student's secured winning position in TECHNEX 2020 at IIT BHU, Varanasi, when they introduced a device for women safety named SHE. UCoE received different awards under CSI & IEI Student Chapter, i.e. Best Institute of the Year, Best Faculty of the Year, Best Social Impact Project and Active Students' Chapter. The college is persistent to strike a balance between engineering theory and practical skills, local knowledge and global perspective, and academic rigour and all-round development by motivating students to participate in such events.

The institution boasts of Academic and Administrative building, a world-class infrastructure for students and faculty alike. The college has accommodated various amenities to keep students active all around the year like the E-Yantra lab and IIT Remote Center to train students to design robots, the Robotics Club and the E-Cell to inculcate entrepreneurial attitude. Exposure to real-life industries is one of the key elements emphasized for students to relate their theoretical knowledge to practical aspects of the studies. Therefore, industrial visits form the crux of the academic framework and visits to places like Western Railway

Yard and Bhandardara Dam amongst many others have been organised.

The institution has a pool of young, dynamic and qualified teachers and support staff who always believe in giving their best for the betterment of the institution and the overall growth of the individuals. The college believes in imparting industry-ready skills along with the university prescribed syllabus

in the form of innovative incubations, such as Add-On Courses and Bridge Course to bridge the gaps between the theoretical syllabus and the practical aspects expected by the industry. Initiatives like getting minor research grant from the University of Mumbai, Faculty Exchange and Global Exchange Programmes, etc. are aimed at making students ready to roar at



UCoE receives Best Institute of the Year under CSI Student Chapter



Winners - Vishwa Shah and Yash for Bon - Auto Router Event at IIT Madras

the global job market and hence make them market-ready.

The college has an active Training and Placement Cell that takes care of aptitude testing soft skills training and personality development of students. With the help of this cell, students have received placement offers by renowned companies. Many of the students have been inspired to pursue higher studies from prestigious foreign-based universities. Students are provided pre-placement guidance and counselling to increase their chances of employability.

The college also envisions introducing international internships in the future semesters to mainly focus on providing internships/apprenticeship to the deserving students.

For more details contact: Universal College of Engineering, near Bhajansons & Punyadham, Kaman Bhiwandli Road, Vasai, Mumbai-401208

Website: <https://www.ucoe.edu.in/> or <http://www.universacollegeofengineering.edu.in/>

Call: 8007478659 / 8407979167

Email: info.ucoe@universal.edu.in

SMART INDIA HACKATHON 2020 - WINNERS



Smart India Hackathon is a National Level coding competition organized by the Ministry of Human Resource, Government of India. It is the biggest Hackathon in the world where students from all over India participate to solve various problems. Various problem statements, 344(software) and 145(hardware) were presented to the students from various ministries, ISRO and various NGO's.

An internal hackathon was conducted in Universal College of Engineering. A total of 34 teams participated in the hackathon from which 7 teams were selected by the internal hackathon judges from the Department of Computer Engineering.

The Smart India Hackathon team evaluated the problem statements and 3 teams from the department of Computer Engineering were shortlisted to participate in the Grand Finale of SIH-2020. One of our teams mentored by our Professor Mr. John Kenny won the National Level Smart India Hackathon (SIH 2020). Winning team details are given as below:

CONGRATULATIONS



Students:

1. Harsh Raval (BE Comps)
2. Yash Thakur (BE Comps)
3. Pratham Reddy (BE Comps)
4. Yashpal Zala (BE Comps)
5. Sagar Mandal (BE Comps)
6. Jhanvi Kasundra (BE Comps)

Mentor:

Mr. John Kenny



Universal College of Engineering

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Gujarati Linguistic Minority Institution



Proud to share the achievement of the students of
Universal College of Engineering

Our team has won the
**National Level
Smart India Hackathon,
SIH 2020**

Three teams of UCoE have won the SIH since its inception four years ago

Team Name: **TECHNOCRATES_1** | Winning Prize: **Rs. 1 Lac**

MEMBERS



Harsh Raval (BE Comps)



Yash Thakur (BE Comps)



Pratham Reddy (BE Comps)



Yashpal Zala (BE Comps)



Sagar Mandal (BE Comps)



Jhanvi Kasundra (BE Comps)

Faculty Mentor : John Kenny
Problem Statement : Estimation of Crop Progression Particularly in Rainy Season.
Nodal Center : Sri Krishna College of Engineering and Technology, Coimbatore.

The Academix Squad - The YouTube Channel

(Created by the students of UCoE)



The COVID - 19 pandemic has sparked a global realization and the clear disruption in the 'normal' functioning of education has placed an emphasis on the lives of students, especially in Maharashtra who are in grades which are considered as major milestones of Education; E.g., 10th Standard ,12th Standard & Final Year students.

Hence, we decided to help the students in 10th standard by creating Animated Explainer videos based on the Maharashtra SSC Syllabus on YouTube, which is a free platform for all the students. Hence, our team of eight started creating short & comprehensive video, for 4 Subjects: Algebra, Geometry, Science 1, Science 2 on our YouTube Channel called - '**The Academix Squad**'

Another problem observed was that there are not many students who have access to Textbooks & Reference books. Hence we are also providing Chapter Notes along with each video so that students can be 100% ready for their exams.

We create all the videos by preparing the content, recording the voice-over, animating the videos, editing the videos & making a document for the same with all our passion to attain our mission of helping teachers to concentrate more on what they're best at which is - teaching, than having to invest time in making videos & facilitating at least one student located in some interior part of Maharashtra deprived of sources to attain knowledge.


Find us Here:

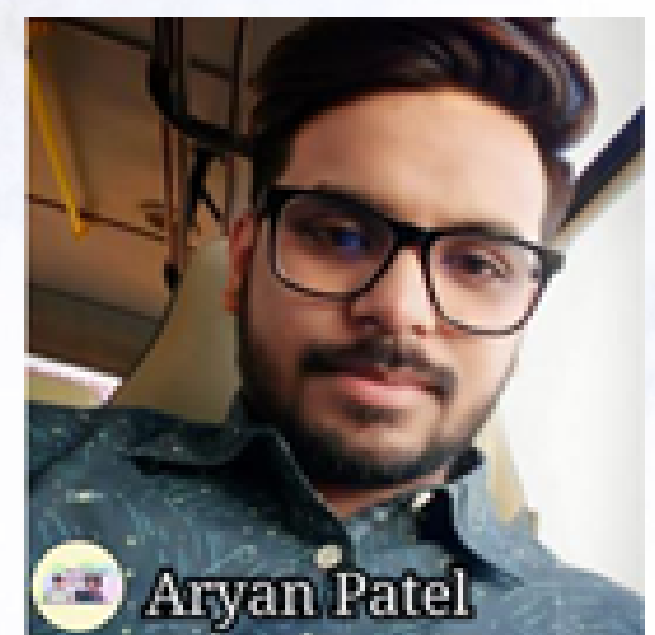
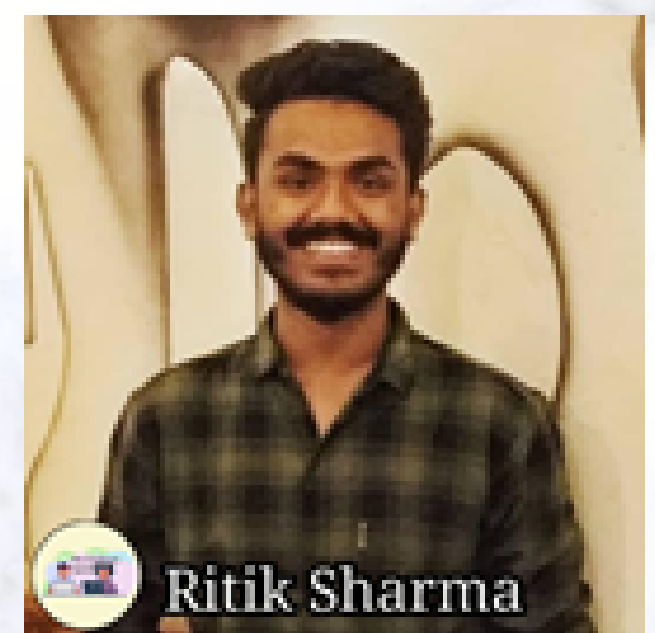
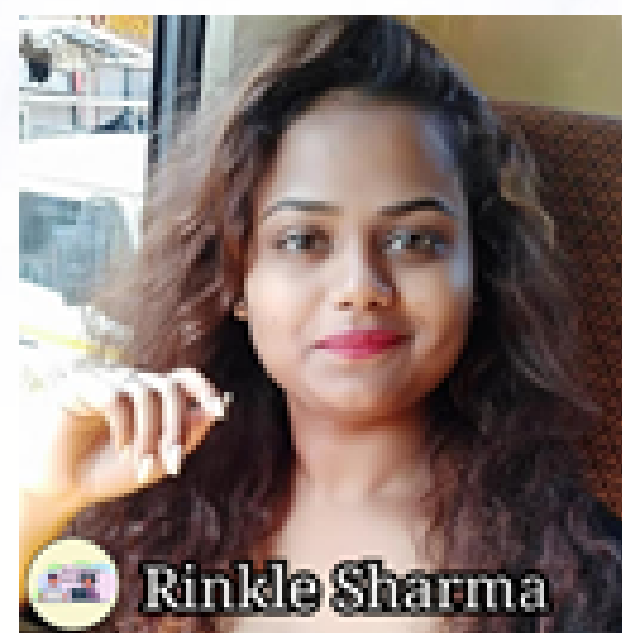


*Best
Wishes*

YouTube Channel:

<https://www.youtube.com/channel/UCN8gP1ZLXXKOsmnf7fYl9PA>

Members of the Squad:



Quick Scanner App

(Created by the students of UCoE)

.....

The all-new Made in India Quick Scanner is finally here! A shining example of Atmanirbhar Bharat. When all Chinese Apps are banned in India, two students **Jay Trivedi** and **Sagar Mistry** from UCoE have contributed to developing Quick Scanner - the perfect replacement of Cam-scanner application.

UCoE is proud of its students' achievement.

Quick Scanner App is available on Playstore and you can download from the link given below.

<https://bit.ly/3hws3mP>

#VocalForLocal #MadeInIndia #NewAppAlert #UCoE #UniversalEducation



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Kaman Bhiwandi Road, Vasai

Made in India

Document Scanner is here!

Our students have contributed to the replacement of Cam Scanner application

DOWNLOAD

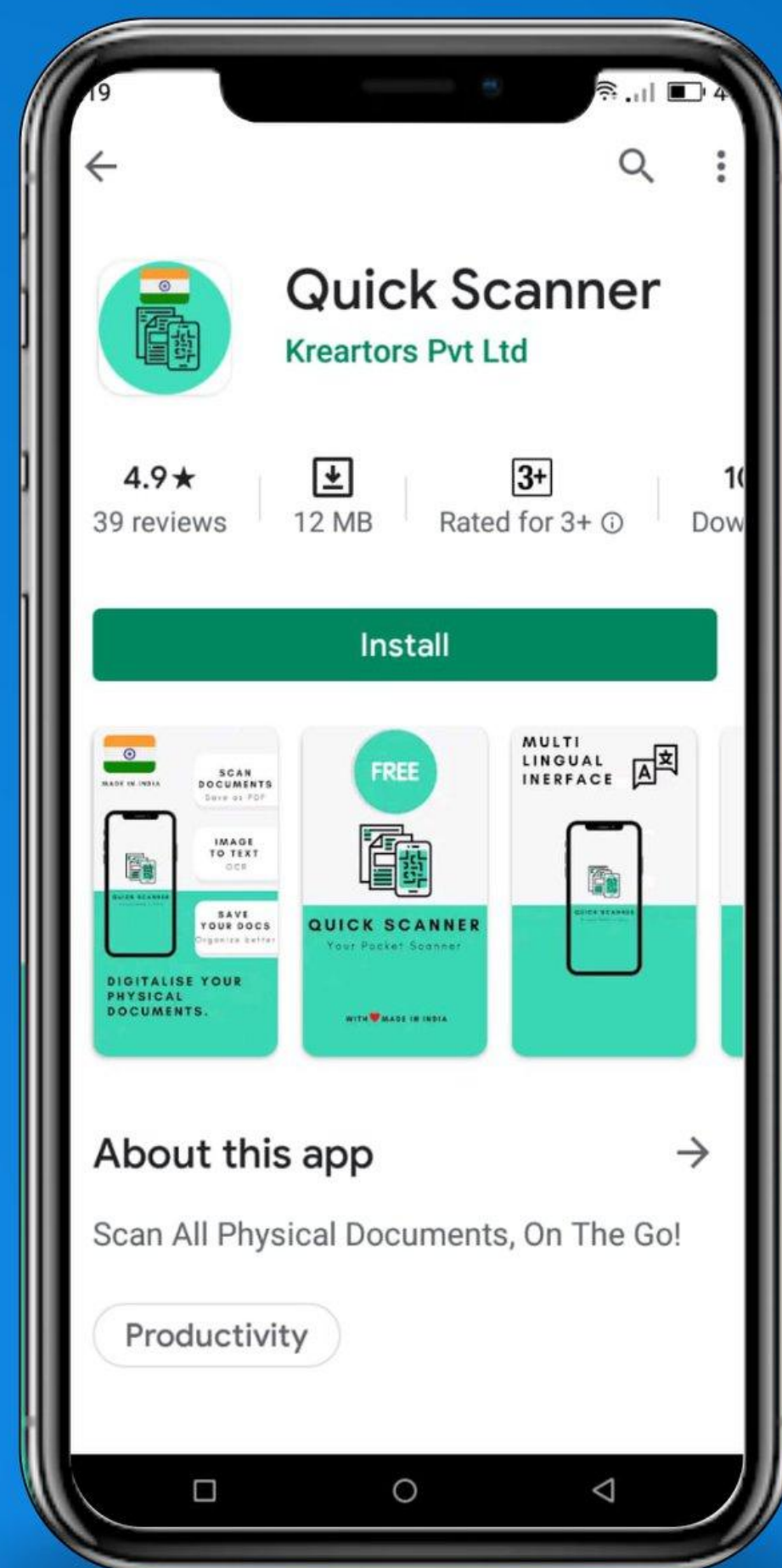
Quick Scanner

from Playstore

Scan To
Download



A shining example of **Atmanirbhar Bharat!**



UCoEKaman



UCoE_Mumbai



universalcollegeofengineering.edu.in

Workshop on OBS Studio

No. of Participants: 378

Resource : Mr. Sridhar Iyer

Event Date & Time: 19th July 2020, 11 am to 2 pm



The poster features a portrait of Mr. Sridhar Iyer on the left. The background is a collage of tech-related items: a laptop keyboard, a pen on a notepad, a spiral notebook, and a pair of headphones. The text 'Workshop on' is in large blue font, followed by 'E-CONTENT CREATION AND STREAMING USING OBS STUDIO AND STREAMYARD' in red. Below the portrait is the name 'SRIDHAR IYER'. At the bottom, there are logos for 'SI' (Subscribe, Like And Share), 'FLIP SCHOOLING', 'StreamYard', 'Open Broadcaster Software', and 'YouTube'. The date '19TH JULY 2020, 11 AM' is printed at the bottom center.

Workshop on
E-CONTENT CREATION AND
STREAMING USING OBS STUDIO
AND STREAMYARD

SRIDHAR IYER

SI
Subscribe, Like
And Share

FLIP
SCHOOLING

StreamYard

Open Broadcaster
Software

YouTube

19TH JULY 2020, 11 AM

A workshop on OBS Studio tool was organised by Mr. Sridhar Iyer which saw a pretty good participation from Teachers and Enthusiasts nationwide. The workshop was aimed at showing how to effectively use OBS Studio for creating e-content for better delivery of lectures online during these testing times. This workshop was hosted live on the Official Youtube Channel of Mr. Sridhar Iyer which has many such interesting and useful educational videos which have helped many teachers and students alike.

Examples of such videos include Designing and Building a **LightBoard** which can be used for delivering online lectures in a unique and interactive way, How to **Master Google Classroom**, How to create **Interactive eLearning content**, etc.

You can check out his channel for more such videos:

Channel Link :

<https://youtube.com/c/csridhar89>



Video on How to make a Professional
LightBoard at Home

ICT ACADEMY Membership



Eureka!! Moment for UCoE as we have registered for an annual membership with the ICT Academy starting from July 2020. ICT Academy is an initiative by the Government of India, State Governments and Industry. A non-profit autonomous organization focusing to improve the quality of Faculty and the Students to make them industry ready and immediately employable in the industry.

ICT ACADEMY is governed by an autonomous Board of Governors from the Government of India, leading companies. ICT Academy is pioneering the venture under the Public – Private – Partnership (PPP) model.



Power Seminar on Data Science and its Applications in Collaboration with ICT Academy

Venue: UCoE Google meet

Organised By: Department of Computer Engineering

No. of Participants: 98

Event Date: 25th July 2020

Time: 2.00 -3.30 pm.

Data is the new soil of business and (soon) at the core of essentially all domains from material science to healthcare. A power seminar on “Data Science & its Applications” was delivered by Mr. T. Sharath Babu, Director, Product Development at Oracle India Pvt. Ltd on 25 th July, 2020 from 2.00 -3.30 pm.

The seminar started with introduction and the need for Data Science. The next stage was the techniques used in Data Science emphasizing on the real world projects. Last leg of the seminar focused on different application domains of Data Science from agriculture to healthcare.

Mr. Sharath also enlightened our students with the career path in Data Science domain. He elaborated the career dimension from student’s perspective. He also gave an insight into the milestones for choosing a career in Data Science.

As, Data Science is one of the top emerging areas, the students had numerous queries which were patiently resolved by **Mr. T. Sharath Babu. I, Dr. Ekta Upadhyay**, Associate Professor, ICT Academy coordinator, would thank Mr. T. Sharath Babu for delivering such a powerful seminar on Data Science. We also assure students that in future we shall have many more seminars and Skill development sessions in emerging areas.

Meet - Power Seminar on Data Science

Sharath T is presenting

Maximize the current output

Today, an alarming amount of the world's food—as much as half—ends up in the trash. The AI-powered TOMRA Sorting Solutions machine analyses and can separate food into “good” and “bad.” Similar to a human, it can evaluate food such as a tomato to determine the best way to use it. One fruit might not make it to the salad plate, but it would be perfect to use in the production of ketchup.

People (98)

- Mihir Parmar (UCOE-2805)
- Mohammed Irfan
- Nayan Siddhapura (UCOE-2...
- Neha Suratikyal (UCOE-3214)
- Nency Batada (UCOE-3279)
- Nikita Karbhari (UCOE-3518)
- Nutan Thakare (UCO...
- Omkar Sawant
- Pallavi Pawar
- Parth Chudasama (UCOE-3...

Power Seminar on Data Science

Turn on captions

Sharath T is presenting

Webinar on Wordpress

Venue: UCoE Google Meet

Organised By: CESA in association with IEEE

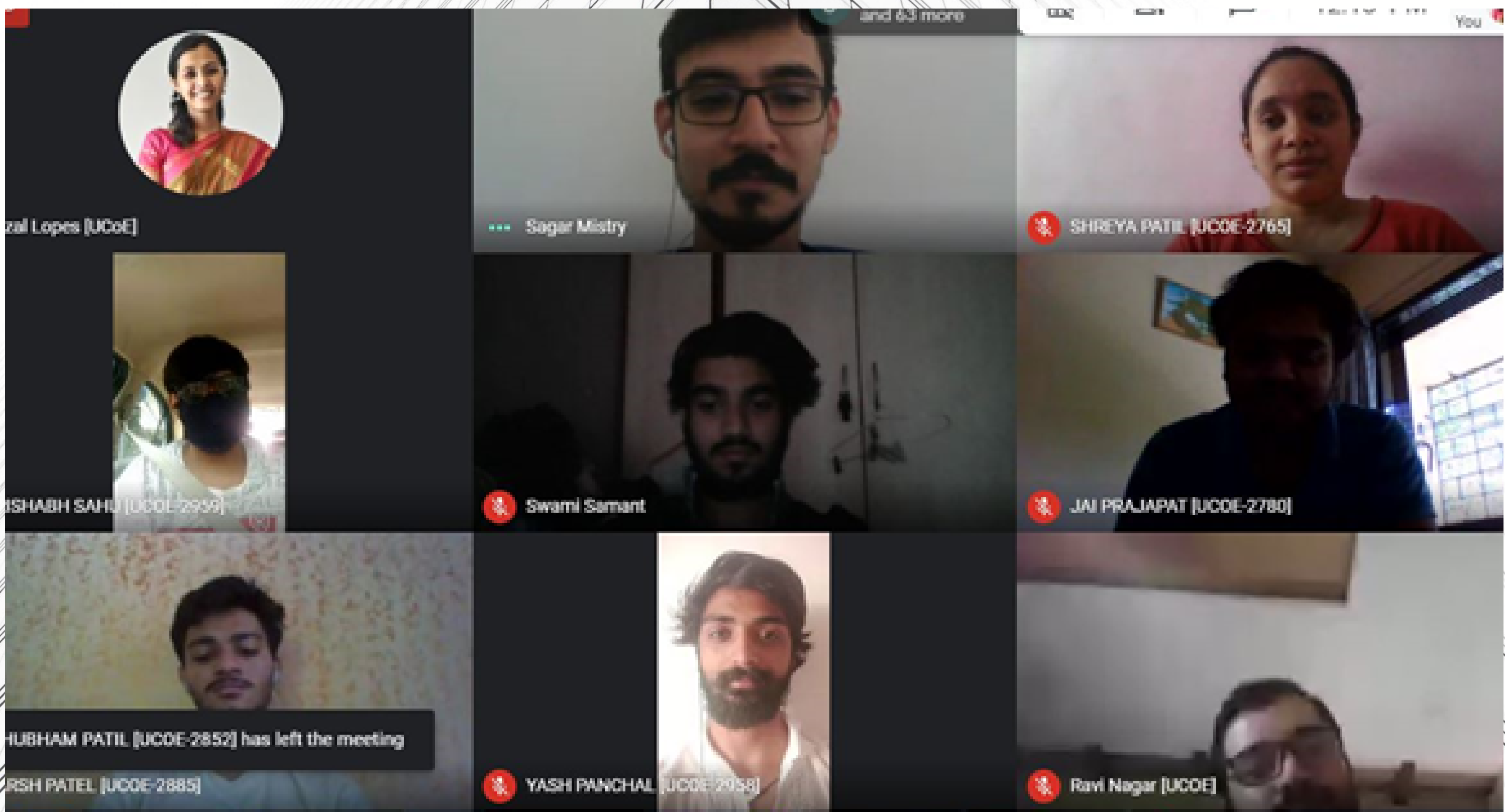
No. of Participants: 77

Event Date: 19th July 2020

Time: 11:00 to 12:30PM

Department of Computer Engineering in association with CESA and IEEE had conducted a webinar on **“Wordpress ”** by **Mr. Sagar Mistry**. Mr. Sagar is Alumni of UCoE and currently pursuing Masters degree in Networking and Cyber Security from Amity University, Gurugram. He has his own startup named Sammy INC. He has worked for many clients across INDIA and abroad for companies and organizations including but not limited to Singapore University, The Indian Queen, Airtel Africa and many more. This Webinar was organized for the Third Year Computer Engineering students on Sunday, **19th July 2020** from 11:00 am to 12:30 pm. In all total 77 students had attended this session.

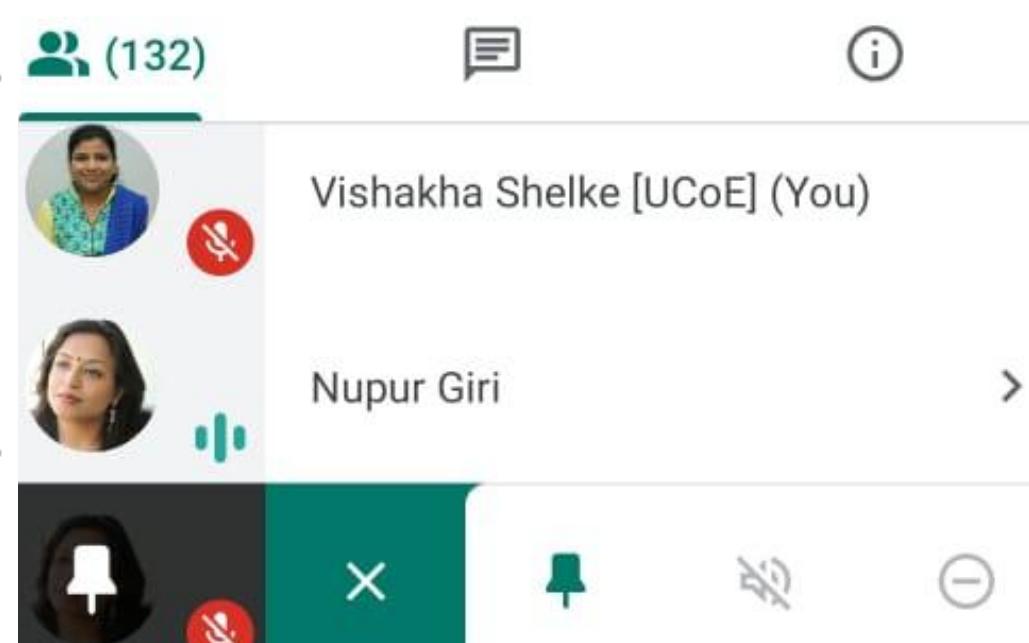
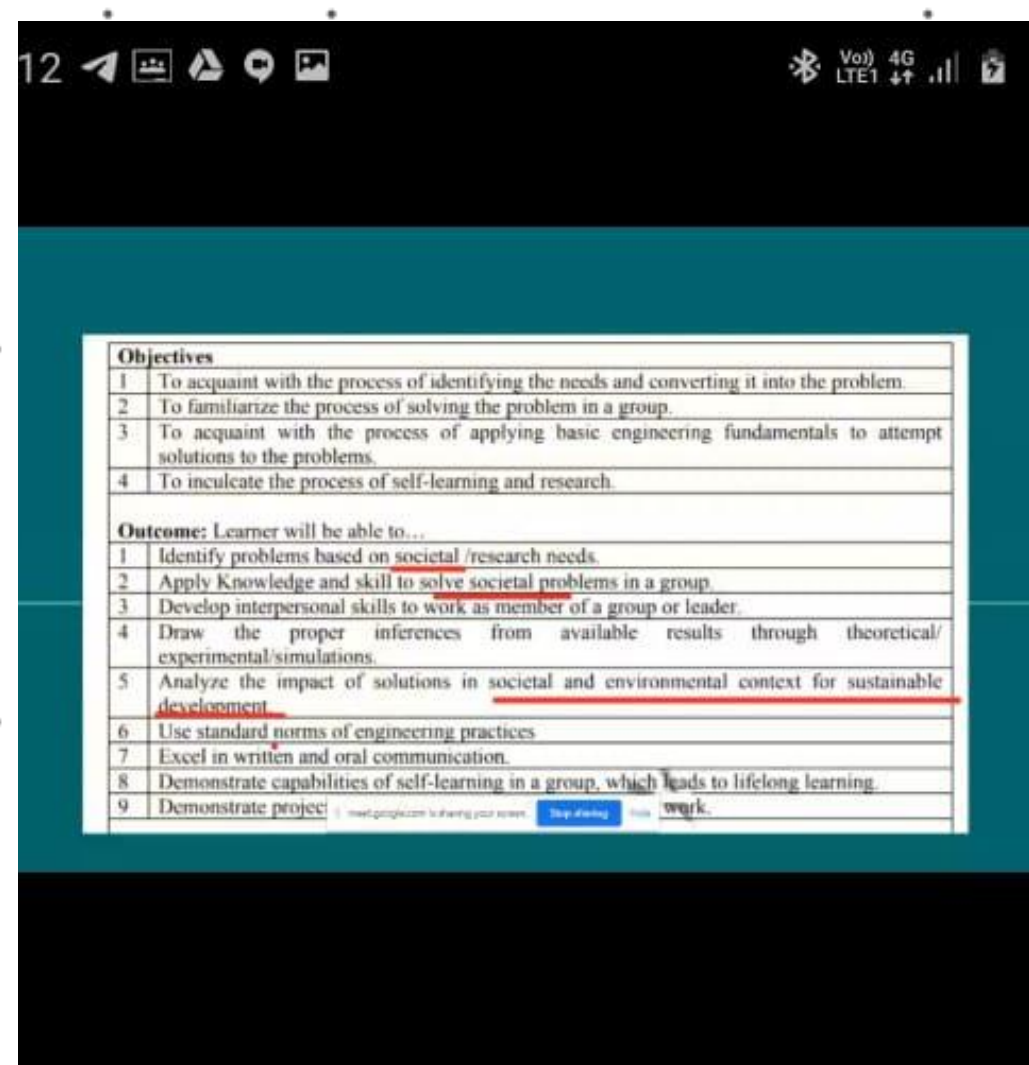
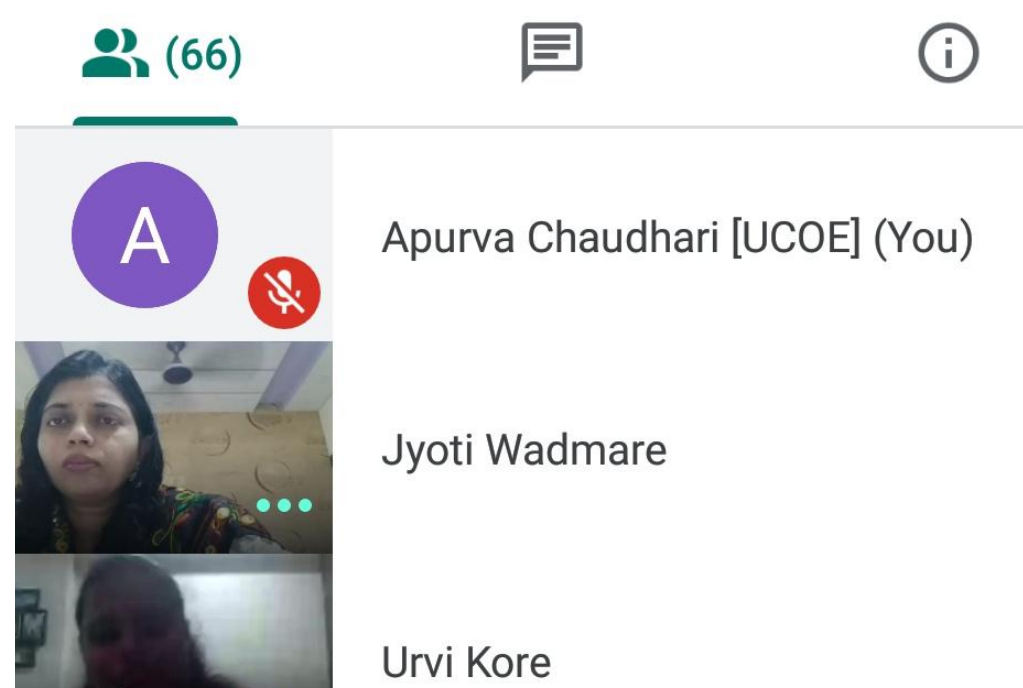
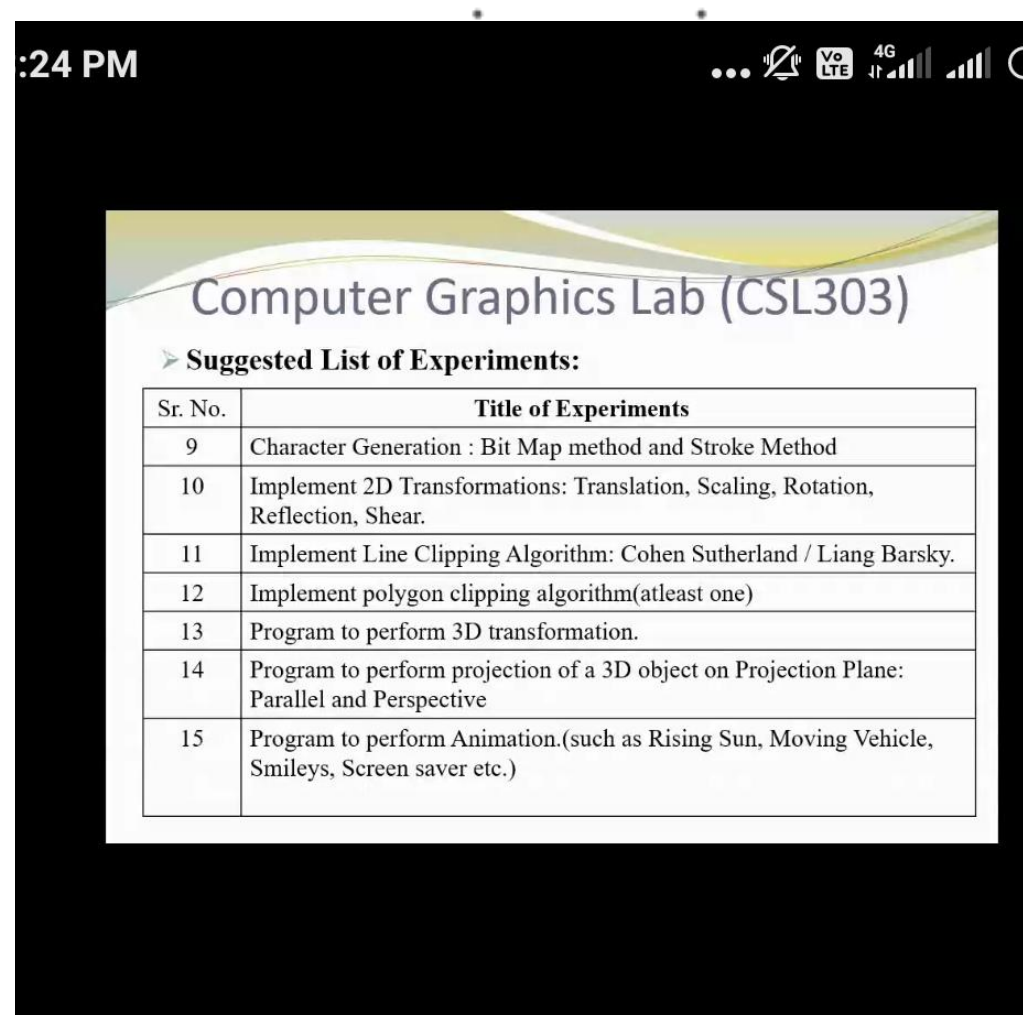
WordPress is the most popular open source Content Management System (CMS). WordPress is free to install, deploy, and upgrade. Thousands of plugins and templates power a flexible and simple interface, which reduces development costs and deployment time. Sagar had started his session from installation of word press. He taught how to build e-commerce websites without writing a single piece of code. Further he also explained what different plugins are available and how to make use of it. Also he taught how to use domain and how to host a website. The Session was very much interactive and fruitful for students.



Second Year Subject Orientation

Various Faculties have attended the subject orientation for Second year subjects.

Sr. No.	Date	Subject	Name of Faculty
1	10/7/2020	Computer Graphics (Theory & Lab)	Dr. Ekta Updhyay
			Ms. Apurva Chaudhari
2	11/7/2020	Discrete Structures & Graph Theory	Mr. Nitish Chaubey
3	13/7/2020	Skill base Lab Course: Object Oriented Programming with Java	Mr. John Kenny
4	14/7/2020	Data Structure (Theory & Lab)	Mr. Ravi Nagar
6	16/7/2020	Mini-Project - 1A	Mrs. Vishakha Shelke
			Mr. Ravi Nagar
7	29/7/2020	Engineering Mathematics III	Dr. Teena Trivedi



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sridhar.iyer@universal.edu.in, hezal.lopes@universal.edu.in, apurva.chaudhari@universal.edu.in