Department of Computer Science and Engineering

ICT enabled tools for effective teaching-learning process

PRINCIPAL

INDEX

S. NO.		PAGE NO.					
1	INT	INTRODUCTION					
2	FAG	CILITIES	AVAILABLE	5			
3	GE	O TAGGE	ED PHOTOGRAPHS	8			
	3.1	ICT Ena	8				
	3.2	ICT Ena	bled Laboratories	15			
	3.3	ICT Ena	ICT Enabled Auditorium				
	3.4	Other IC	Other ICT Facilities				
		3.4.1	Microsoft Teams	25			
		3.4.2	Canvas	31			
		3.4.3	Zoom	34			
		3.4.4	Google Meet	35			
		3.4.5	Cisco WebEx	37			

SIET

1.Introduction

It is only through education and the integration of ICT in education that one can teach students to be

participants in the growth process in this era of rapid change. ICT make education system more

productive, interesting, give more powerful instruction and also able to extent the educational

opportunities to masses and creating information –rich learning environment.

To ensure that students play an active role in the learning process, Faculty make use of Information and

communication technologies (ICT)in teaching-learning process.

• All our classrooms and laboratories are equipped with LCD Projectors.

• The teachers are encouraged to use modern teaching pedagogy, in addition to conventional class room

teaching practices. Faculty applies teaching methods such as group discussions, seminars, student

presentation for better understanding of concepts/ technologies using ICT.

The Teaching-Learning Process is supported with Regular Practical Sessions, access to Digital

Library, Online Courses (MOOCS, NPTEL etc.), online journals, Use of LCD projectors for seminars

and

workshops, productive use of educational videos, Communication skills training facility make the

students to acquire proficiency in listening, speaking, reading and writing.

• The college has a central library well equipped with books & e-books, technical magazines, journals

& e-journals and access to NPTEL lecture videos in the library, which serves as a knowledge resource.

The students and faculty are motivated to register for online NPTEL Certificate courses and additional

online courses like CODE NINJA, EDUREKA etc.

39, Sy.No: 107, Tattiannaram (V),

ICT enabled tools for effective teaching-learning process

Various Teaching and Learning Pedagogies used

Course Delivery Methods	Justification
Whiteboard and marker	To convey basics, critical information,
(Lecture Method)	history, background,
	theories and equations.
	To expose the students to contemporary
	issues
	Quick way to reach large numbers of
	students for exchange ofuseful
	information
Blended Teaching	Usage of Teaching aid Techniques such
	as Video Lectures, Power point
	presentations.
	Implementation of Active learning
	strategies such as Collaborative and
	individual Learning activities.
Laboratory Demonstration	Theory verified by practical approach
	using various data acquisition systems in
	the analysis.
	Students learn to work in teams and
	understand the importance of Multi-
	disciplinary courses in real world
	applications.
Course Handout	Course handout consists of Video
	lectures, Lecture Notes, Assignment
	questions, Tutorial questions and answers
	a model question papers.

2. Facilities Available

S. No.	Facility	Total Number
1	ICT Enabled Class Rooms	13
2	Tutorial Rooms	03
3	Laboratories	13
4	Seminar halls	01
7	Research and Development Lab	01
8	Computer Center	02
9	Auditorium	01

Details of ICT Enabled Class Rooms:

S. No.	Block	Room Number/Class	Floor	Area (sq. m)	Department
1	A	IB-101 / CSE –III A	First	69	
2	A	IB-102 / CSE –III B	First	83	
3	A	IB-103 / CSE –III C	First	69	
4	A	IB-104 / CSE – M.Tech	First	34	
5	A	IB-106 / CSE –II A	First	69	
6	A	IB-108 / CSE –II B	First	70	
7	A	IB-109 / CSE –II C	First	70	Computer Science and Engineering
8	A	IB-110 / CSE –II D	First	70	
9	В	IB-113 / CSE –III D	First	69	
10	В	IB-115 / CSE –IV A	First	69	
11	В	IB-117 / CSE –IV B	First	69	
12	A	IB-303 / CSE –IV C	Third	69	
13	В	IB-121 / CSE –IV D	First	69	

Details of Tutorial Rooms:

S. No.	Block	Room Number	Floor	Area (sq. m)	Department
1	A	IB-111	First	69	
2	A	IB-112	First	34	Computer Science and Engineering
3	A	IB-302	Third	84	Liighteeting

Details of Laboratories:

S. No.	Block	Room Number	Floor	Area (sq. m)	Description
1	AB	AB-101	First	122.6	CSE Lab – I
2	AB	AB-102	First	122.6	CSE Lab – II
3	AB	AB-201	Second	123	CSE Lab – III
4	AB	AB-202	Second	123	CSE Lab – IV

PRINCIPAL

5	AB	AB-301A	Third	123	CSE Lab – V: R&D / PROJECT Lab
6	AB	AB-301B	Third	120	CSE Lab –VI
7	AB	AB-302A	Third		CSE Lab – VII
8	AB	AB-302B	Third	123	CSE Lab – VIII
9	AB	AB-305	Third	123	CSE Lab – IX
10	A	IB-002	Ground	83	CSE Lab X
11	В	IB-118	First	69	CSE Lab XI
12	2 B IB-119		First	140	CSE Lab XII
13	В	IB-120	First	140	CSE Lab XIII

Details of Seminar Halls:

S. No.	Block	Room Number	Floor	Area (sq. m)	Department
1	A	IB-308 IB-309	Third	138	Computer Science and Engineering

Details of Research & Development Labs:

S. No.	Block	Room Number	Floor	Area (sq. m)	Department
1	AB	AB-301A	Third	62.73	Computer Science and Engineering

Details of Common Computer Centre:

S. No.	Block	Room Number	Floor	Area (sq. m)	Department
1	AB	AB-306	Third	181.2	Computer Science and Engineering
2	AB	AB-305	Third		Computer Science and Engineering

3. Geo Tagged Photographs

3.1ICT enabled Class Rooms

Department of Computer Science and Engineering

III CSE A Class Room



III CSE B Class Room





M.TECH CSE Class Room



II CSE A Class Room



II CSE B Class Room



ICT enabled tools for effective teaching-learning process

SREYAS INSTITUTE OF ENGG.&TECH. 9-39, Sy.No: 107, Tattiannaram (V), GSI, Bandlaguda, Nagole, Hyd-68.



II CSE D Class Room



ICT enabled tools for effective teaching-learning process

CSE Tutorial Room



III CSE D Class Room





IV CSE B Class Room



ICT enabled tools for effective teaching-learning process



IV CSE D Class Room



3.2 ICT Enabled Laboratories

CSE LAB: AB-101



CSE LAB:AB-102



CSE LAB:AB-201



CSE LAB:AB-202



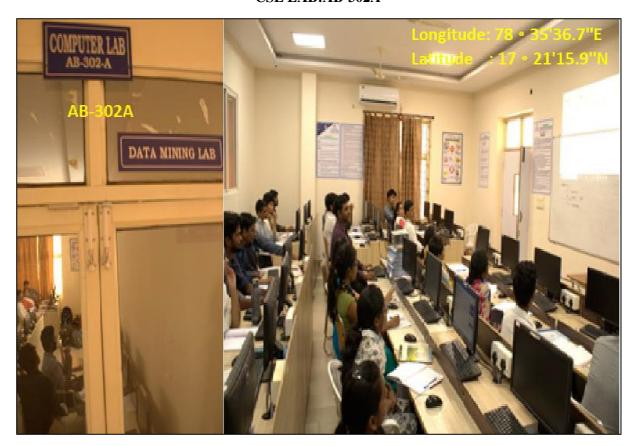
CSE LAB:AB-301A



CSE LAB:AB-301B



CSE LAB:AB-302A

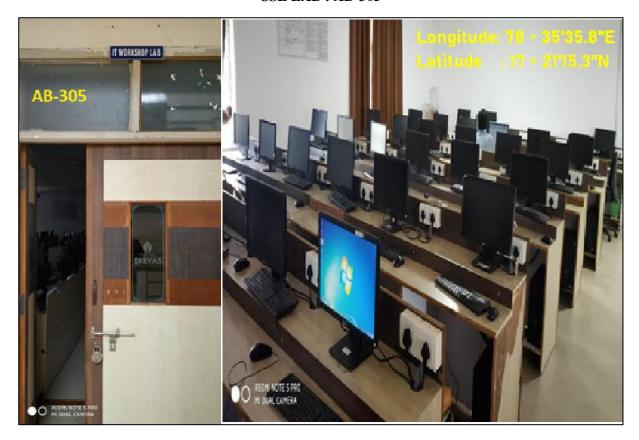


CSE LAB: AB-302B



PRINCIPAL

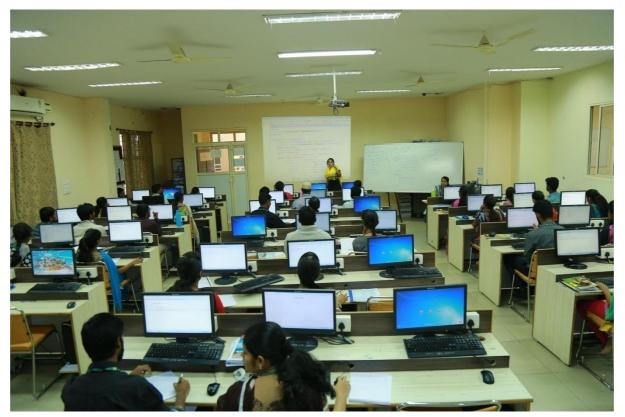
CSE LAB: AB-305



CSE LAB: AB-306



PRINCIPAL











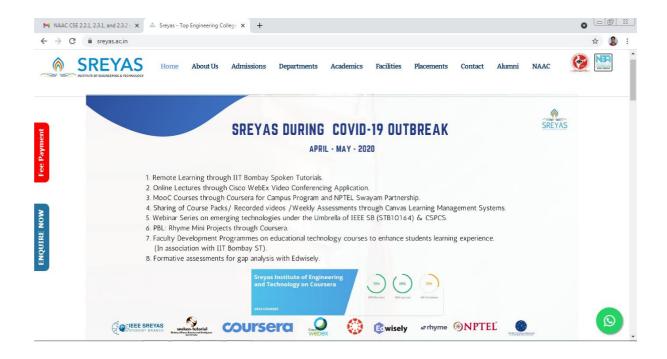


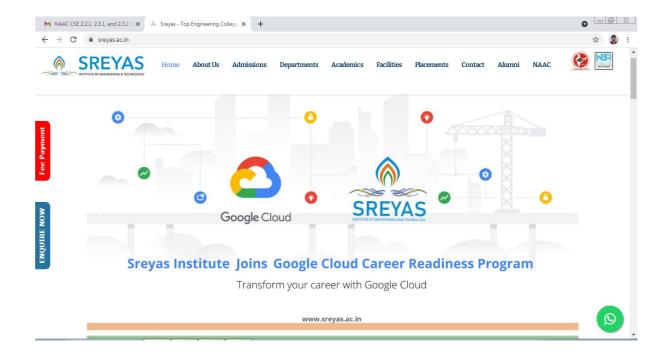
Using ICT facility in Laboratory

3.3 ICT Enabled Auditorium



Using ICT facility in Auditorium

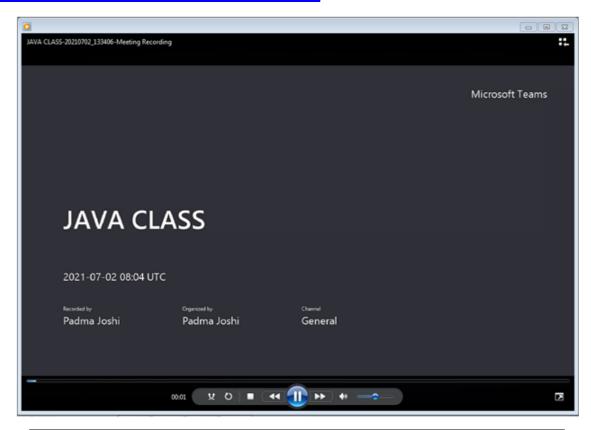


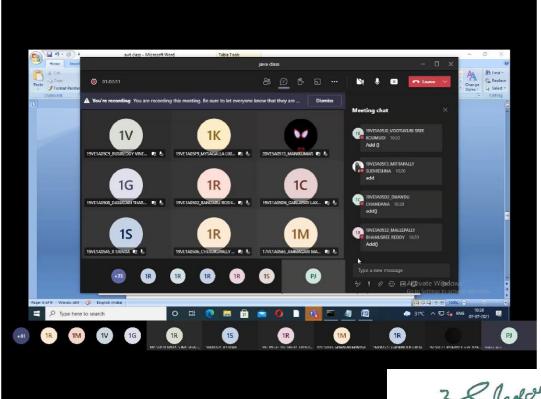


3.4 Other ICT Facilities

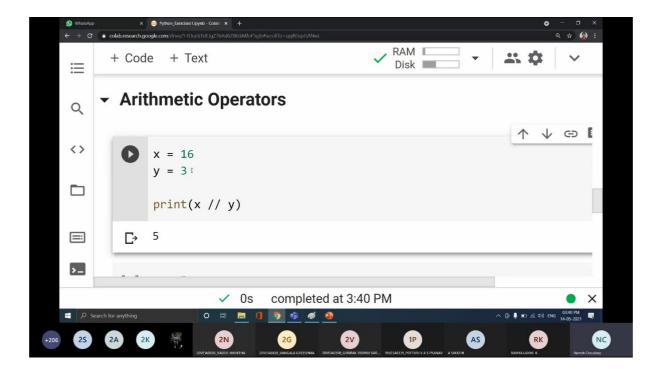
3.4.1 Microsoft Teams for taking Virtual Class:

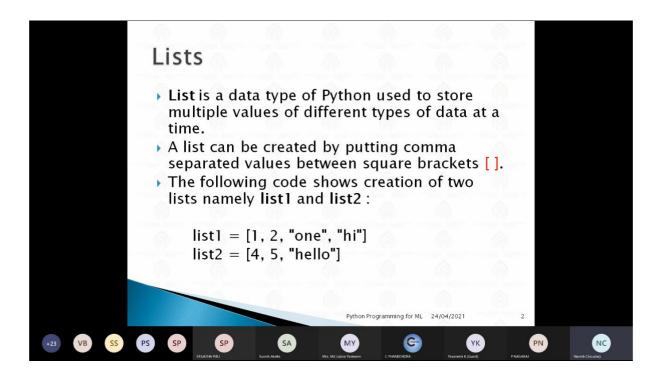
https://drive.google.com/file/d/1xy788VdK2xh-4yU9KyeomQyLHql0VnMV/view?usp=sharing



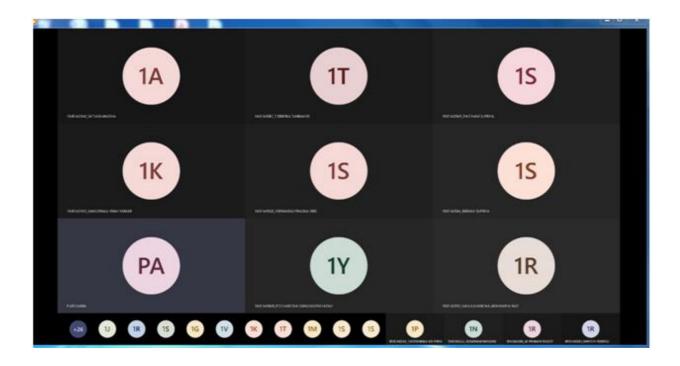


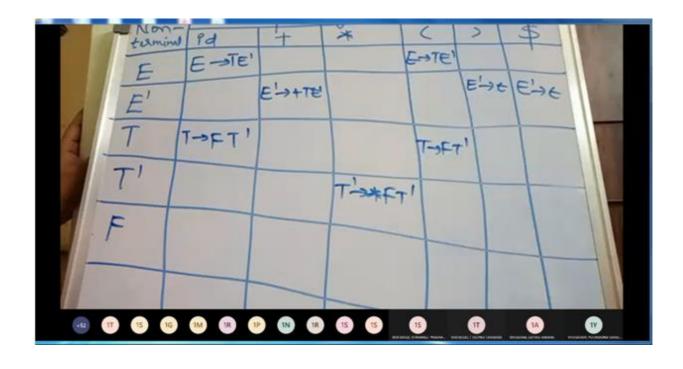




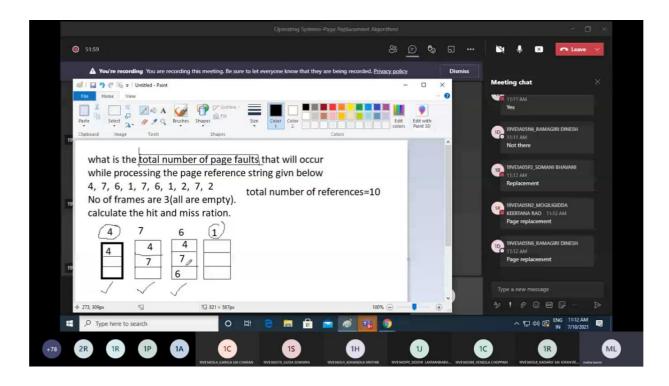


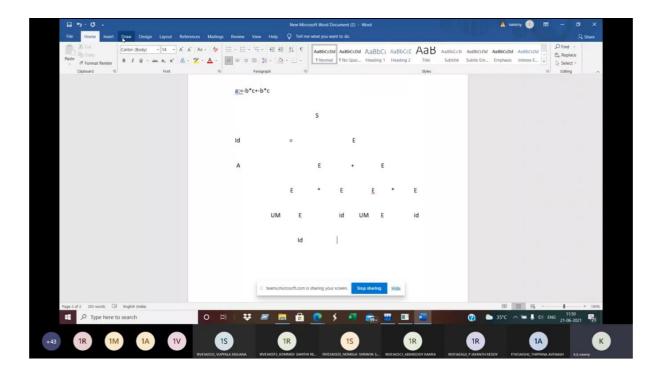








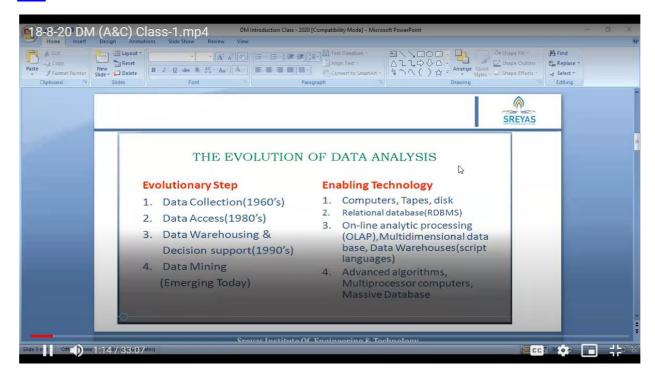


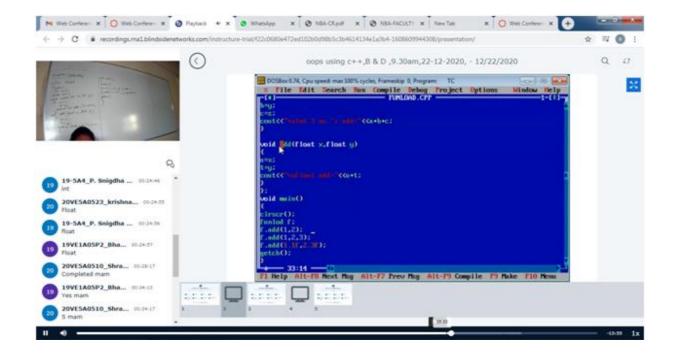


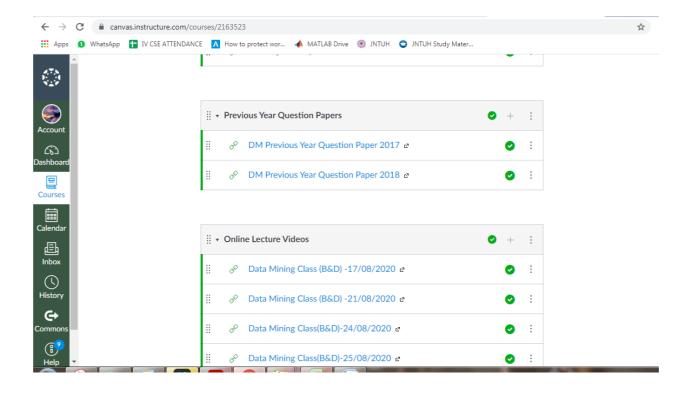


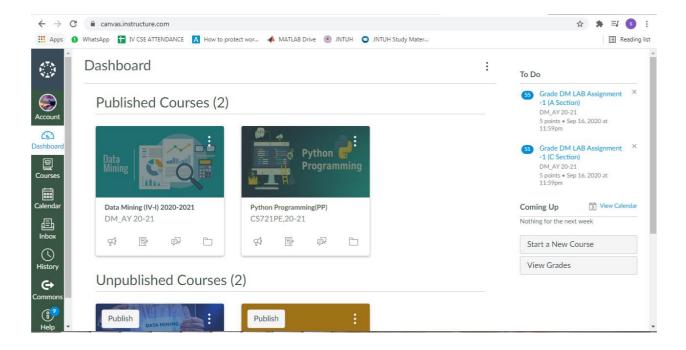
3.4.2 Canvas for taking Virtual Class:

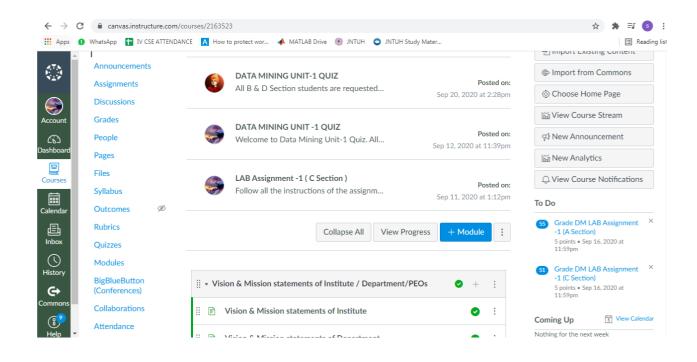
 $\underline{https://drive.google.com/file/d/1aOJZCuv8b99ZC31_weglykBJeFvfSXE1/view?usp=sharing}$

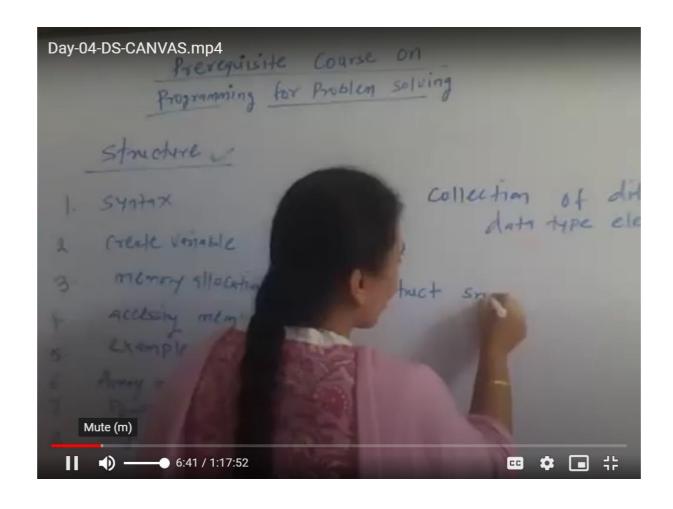






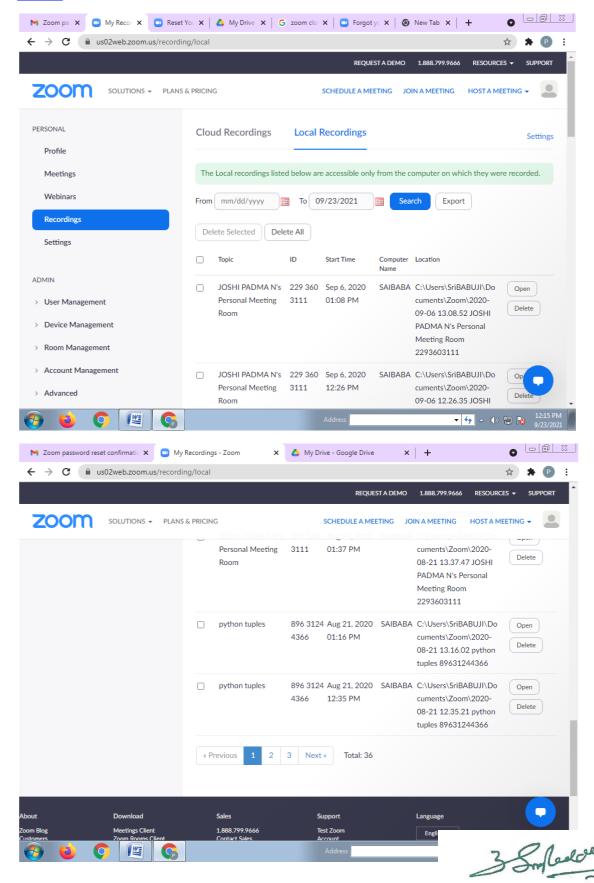


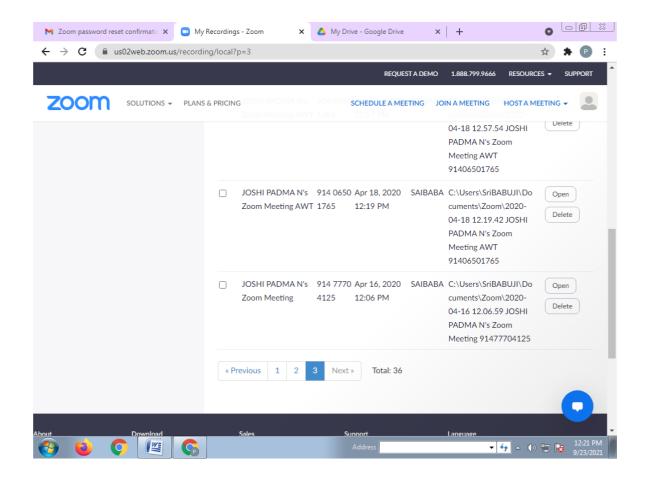




3.4.3 Zoom for taking Virtual Class:

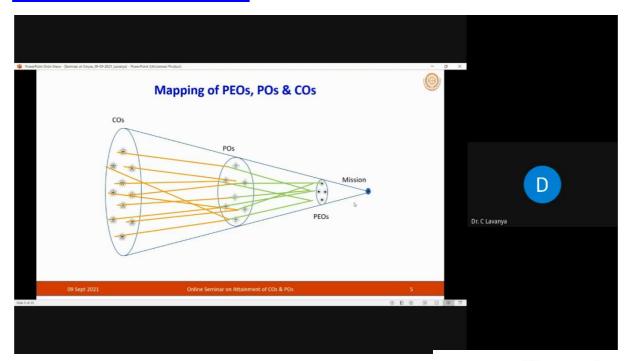
 $\frac{https://drive.google.com/file/d/1a0kqhPSxBgLRbVog8FguNpQiuRWds1FF/view?usp=s}{haring}$

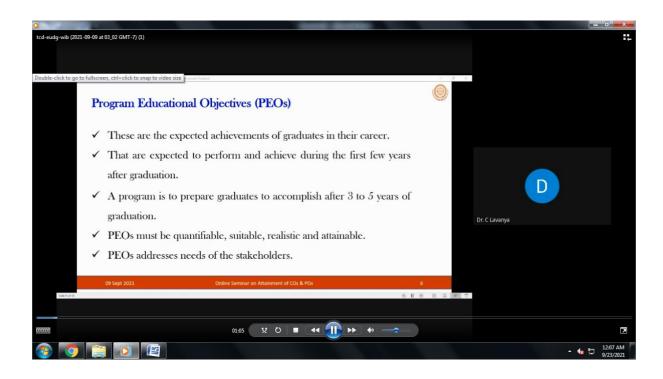


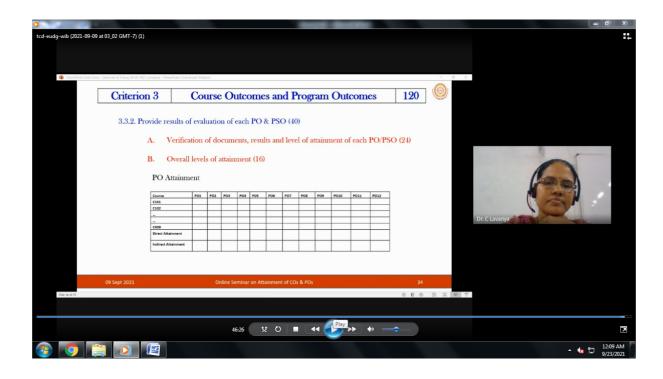


3.4.4 Google Meet for taking Virtual Class:

https://drive.google.com/file/d/1FtMNL6mYR7CuexUNXz-GnIiZuggou9a5/view?usp=sharing







3.4.5 CISCO WebEx for taking Virtual Class:

