GOVT DEGREE COLLEGE::KHAIRATABAD

External Lectures

A.Y. 2021-22

Record of
External Lectures Arrangements

Department of Computer Science & Applications

TITLE OF THE PROGRAM	**Career Prospects In Computer Sciences/Applications-India And Abroad**
DATE OF THE EVENT	**12.02.2022**
RESOURCE PERSON/ CHIEF GUEST	**Mr. P.Harish, Senior Architect at Raymond James, Florida, United States.**

OBJECTIVES OF THE PROGRAM:

As the part of departmental activities and to inculcate research aptitude among the student community Department of Computer Science and Applications is organized an Extension Lecture with P. Harish, Sr Architect at Raymond James, Florida, United States.

BRIEF DISCRIPTION:

Department of Computer Science & Applications organized an extension lecture on "Career Prospects in CS/Applications-India and Abroad" to all I, II and III students of B.Sc. and B.Com(ComputerApplications). An interactive session with students has been carried out regarding the lecture and career path in computers.

Extension Lecture in Computer Science

- **Common Job Titles**

1. **SOFTWARE DEVELOPER-**

   A Software Developer serves as a member of the software development team. They aid in the innovation and creation of company software and programs.From detailed computer coding to innovative design, a Software Developer is an asset when creating a seamless software experience for customers.

2. **QUALITY TESTING ENGINEER-**

   A QA engineer is responsible for the creation of tests to identify issues with software before the product launch. Duties include identifying and analyzing any bugs and errors found during the test phase and documenting them for review after. Other tasks include developing and running new tests, reporting on the results and collaborating with software developers to fix program issues.

3. **COMPUTER SYSTEM ANALYST-**

   A Computer Systems Analyst, or Systems Architect, analyzes a company's current computer systems and designs upgrades to help the organization function more efficiently. Their duties include understanding the needs of an organization and its IT systems, researching new software and hardware solutions and evaluating the costs and benefits of implementing these new programs.

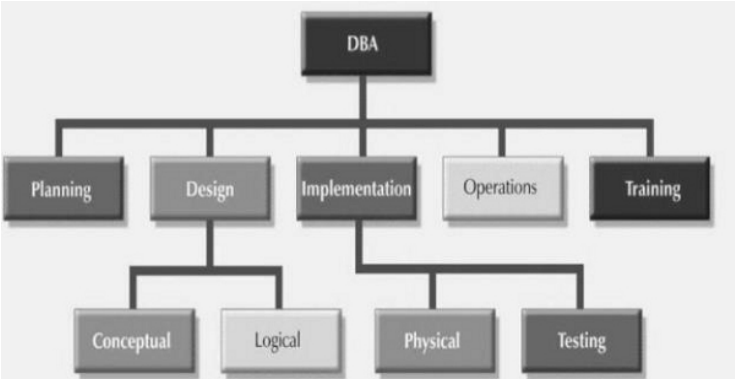
4. **NETWORK SYSTEM ADMINISTRATOR-**

   A network administrator is responsible for keeping a company's computer network running seamlessly and up-to-the-minute. Every organization that uses more than one computer or software platform needs a network administrator to coordinate and connect all the different systems.

5. **SECURITY ANALYST-**

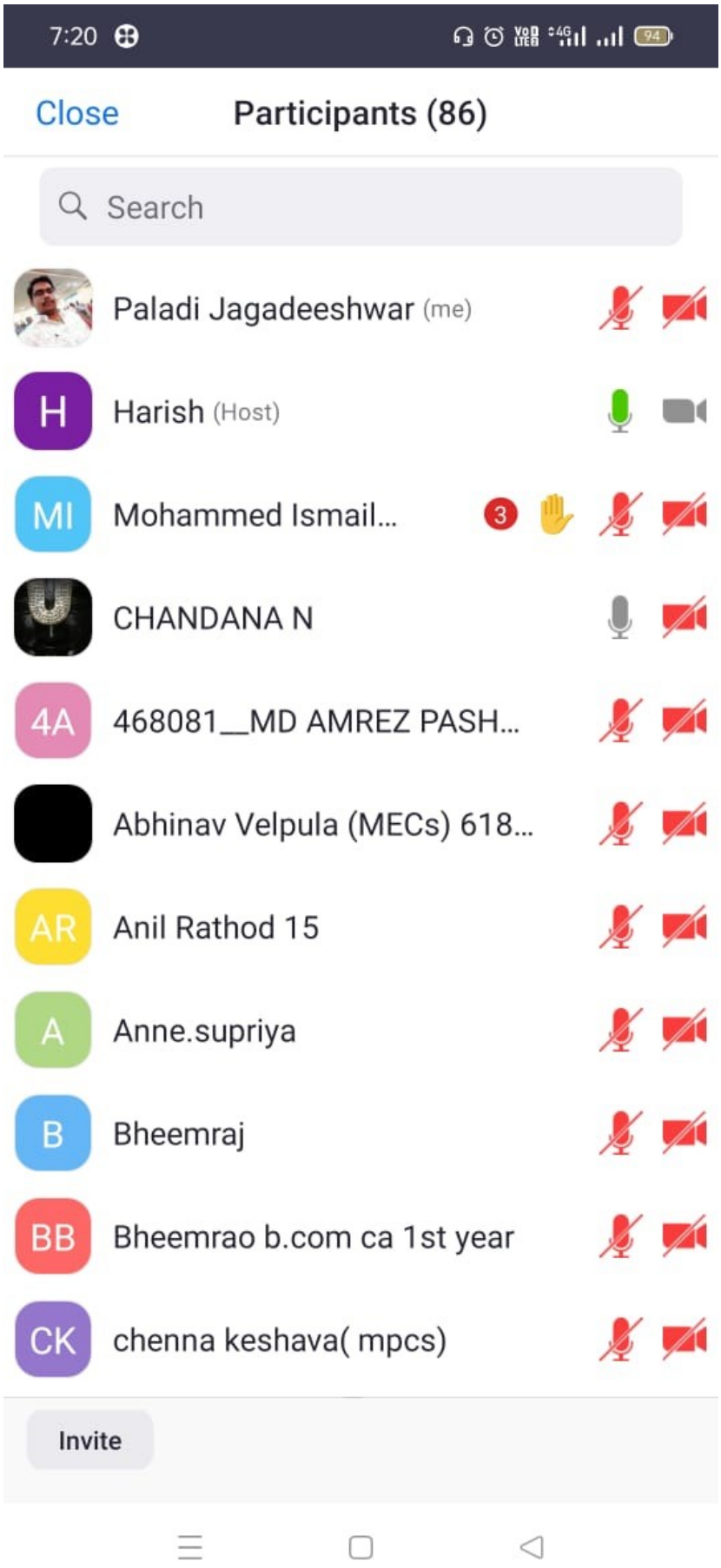
The security analyst plays a vital role in keeping an organization's proprietary and sensitive information secure. He/she works inter-departmentally to identify and correct flaws in the company's security systems, solutions, and programs while recommending specific measures that can improve the company's overall security posture.Security analysts are ultimately responsible for ensuring that the company's digital assets are protected from unauthorized access. This includes securing both online and on-premise infrastructures, weeding through metrics and data to filter out suspicious activity, and finding and mitigating risks before breaches occur.

6. **DATABASE ADMINISTRATOR-**



7. **SOLUTION/SYSTEM ARCHITECT-**

System Architect/Engineering is responsible for defining and communicating a shared technical and architectural vision for an Agile Release Train (ART) to help ensure the system or Solution under development is fit for its intended purpose. System Architects describe the Solution Context and Solution Intent, analyze technical trade-offs, determine the primary components and subsystems, identify the interfaces and collaborations between them, define Nonfunctional Requirements (NFRs), guide Enablers through the Program and Solution Kanban systems, and work with Product Management, Solution Management, customers, and Suppliers to help ensure fitness for purpose.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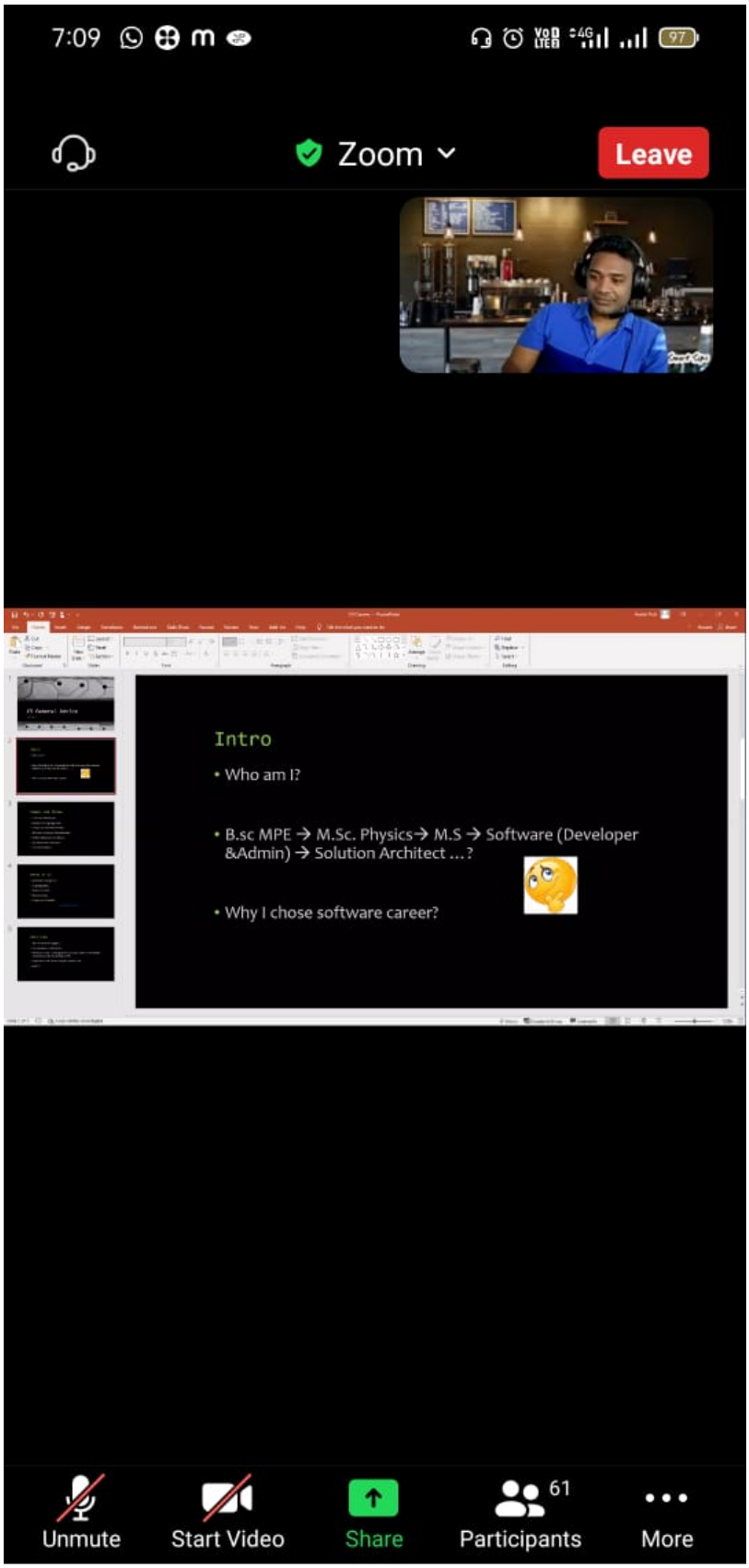
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Intro
• Who am I?
• B.sc MPE → M.Sc. Physics→ M.S → Software (Developer &Admin) → Solution Architect ...?
• Why I chose software career?
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Start Video
Share
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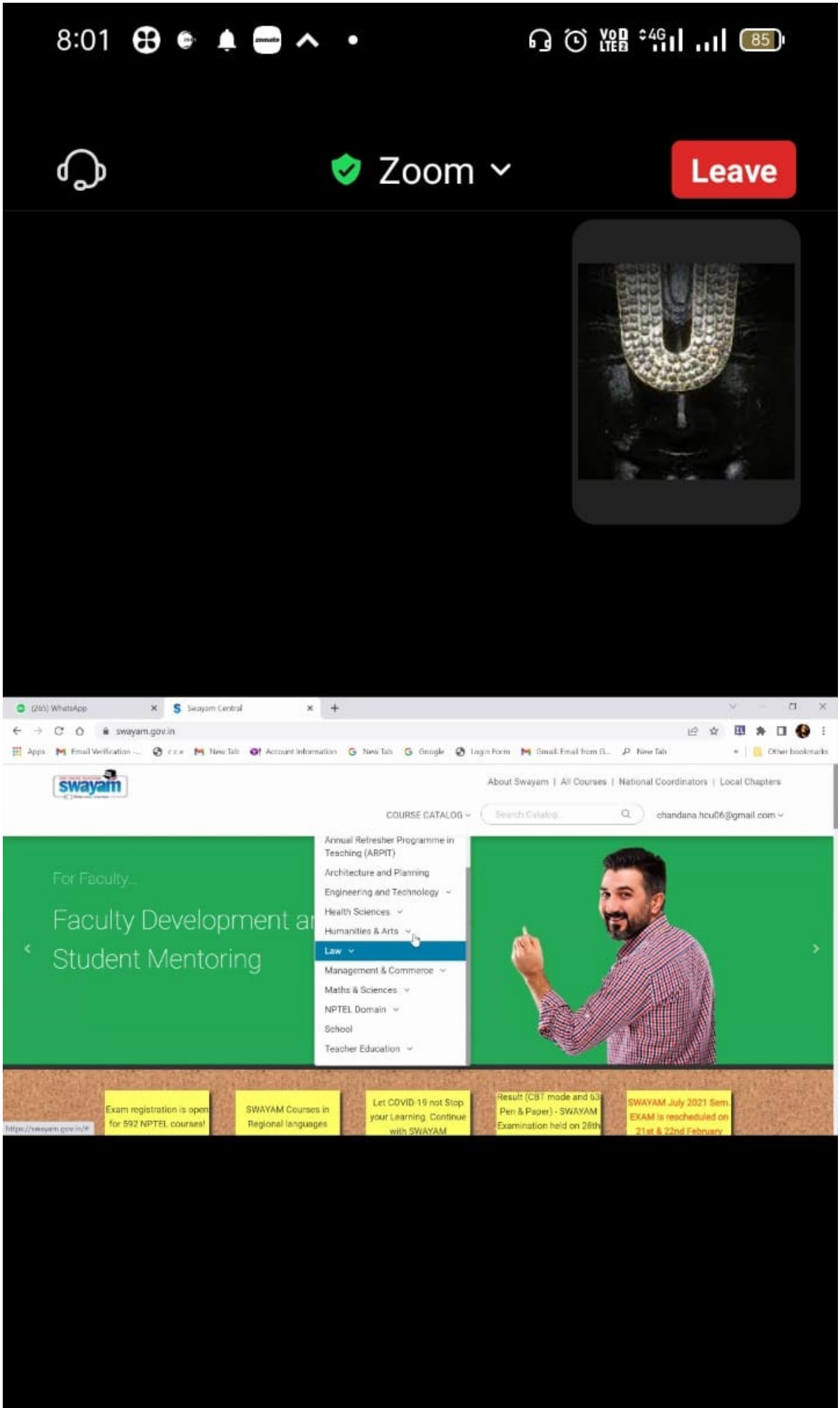
Participants
More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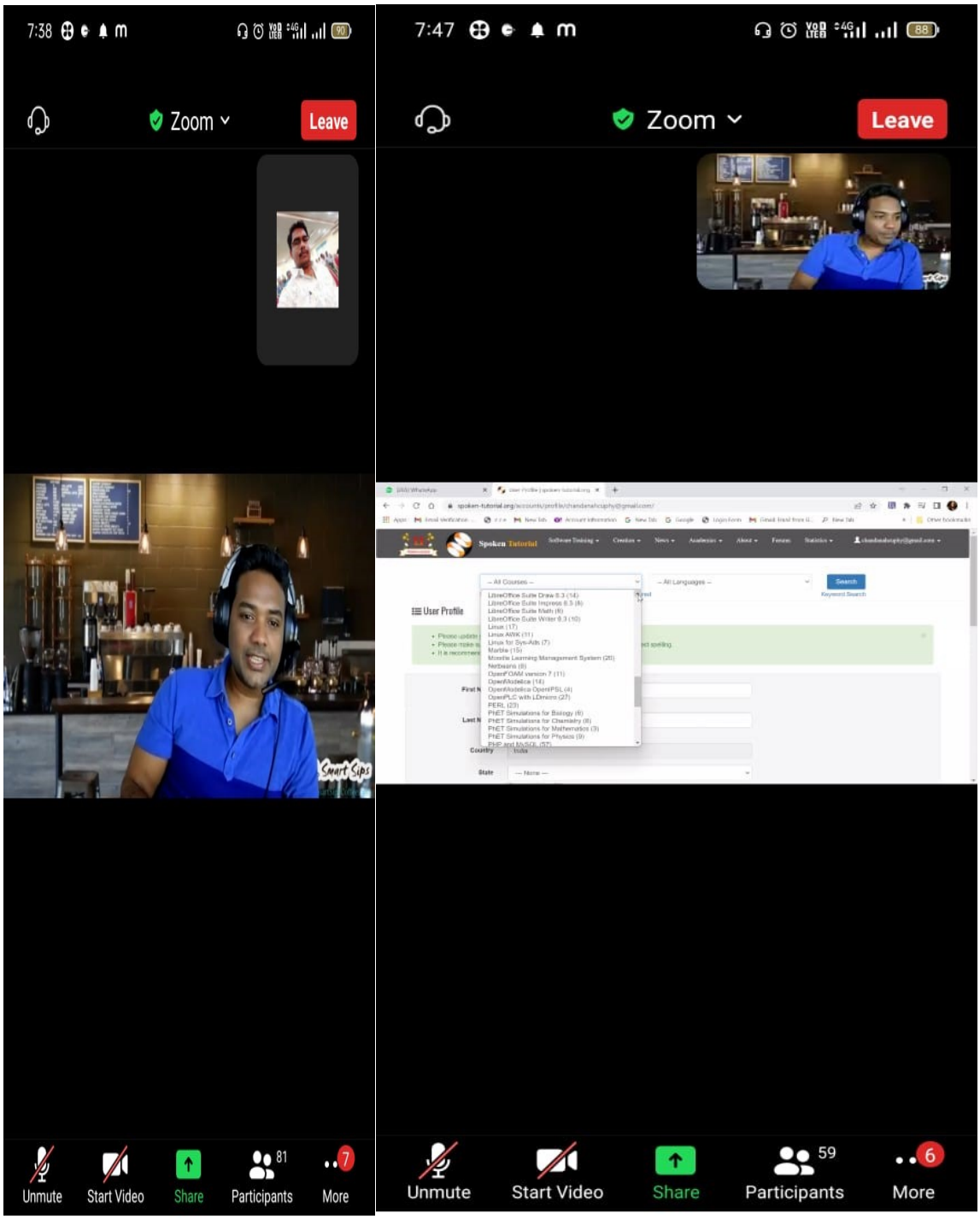
SWAYAM July 2021 Sem EXAM is rescheduled on 21st & 22nd February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