

**Department of Conservative Dentistry & Endodontics**  
**Classes held from 12<sup>th</sup> to 16<sup>th</sup> May 2020 for BDS II Year**


**PRACTICALS**

Sl No	Date	Topic	Faculty Name	Total number of students attended
1.	12-5-20	Objective Structured Practical Examination -Composite	Dr Sreeram SR	47
2.	13-5-20	Objective Structured Practical Examination -Zinc phosphate cement	Dr Sreeram SR	46
3.	14-5-20	Objective Structured Practical Examination -Zinc phosphate cement – B Batch	Dr Sreeram SR	47
4.	15-5-20	Seminar –Smear layer and acid etching	Dr Sreeram SR	49
5.	15-5-20	Seminar –Frozen slab technique	Dr Sreeram SR	49
6.	15-5-20	Seminar –Smear layer and acid etching	Dr Sreeram SR	45

**THEORY**

Sl No	Date	Topic	Faculty Name	Total number of students attended
1.	14-5-20	Seminar –Resin modified GIC, Mericle mix, Anticariogenic property.	Dr Sreeram SR	92
2.	16-5-20	Viva-voce discussion and interaction session with the students	Dr Sreeram SR	96

## E-Learning Report for Theory and Practical classes for BDS II Year

<b>Date</b>	<b>12/05/2020</b>
<b>Subject</b>	<b>Preclinical Conservative</b>
<b>Department</b>	<b>Department of Conservative Dentistry and Endodontics</b>
<b>Time</b>	<b>1:00pm</b>
<b>Name of the Faculty</b>	<b>Dr.Sreeram S R</b>
<b>Topic of the webinar</b>	<b>Objective Structured Practical Examination -Composite</b>
<b>No of students attended</b>	<b>47</b>
<b>E-Resource Platform</b>	
<b>Meeting ID</b>	<b>727 9269 5256</b>
<b>Password</b>	<b>Chettinad</b>

## TOPIC SLIDE



## SLIDE IMAGES

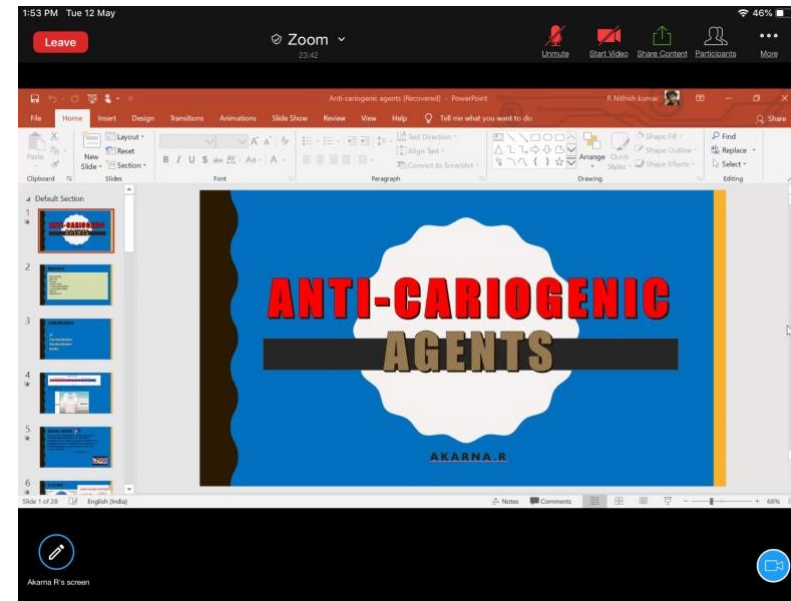


### OSPE Questions

1. Identify the material
2. Composition
3. Uses
4. Properties
5. Advantages & Disadvantages



Department of Conservative Dentistry & Endodontics





























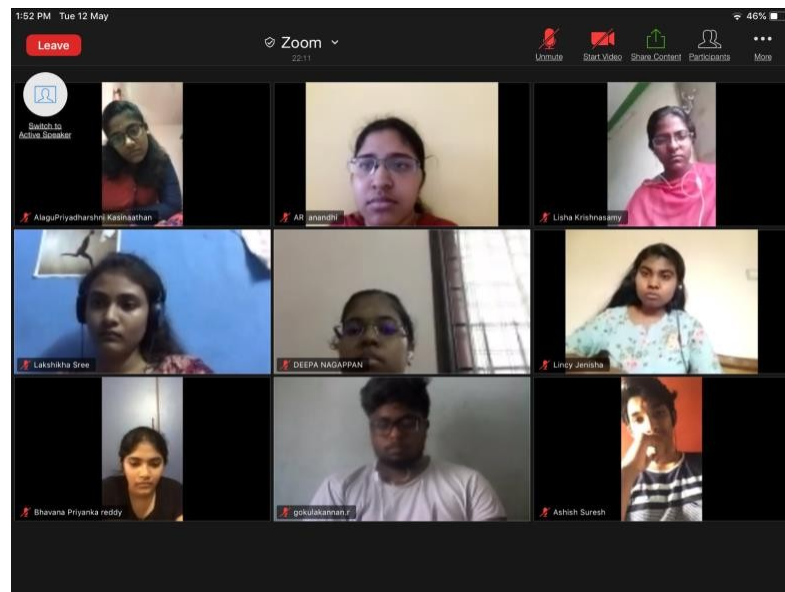
## PARTICIPANTS LIST

Participants (50)	Participants (50)	Participants (50)	Participants (50)
AR Akshya Ramanujam (me)	AK Anandhi K	d Dayanisha G	H Harshini N
DS Dr Sreeram SR (Host)	Anupama R	DN DEEPA NAGAPPAN	HR Harshithaa R
AH Afreen Hassan	AA AR anandhi	Deepika Balamurugan	HE Hyma Edward
Akarna R	AS Ashifa S	GP Gayathri P	IK Imra Kaleel
A Aktshaya K	Ashish Suresh	Gayathri Sathiyamoorthy	Janani Ck
A AlaguPriyadharshni Kasina...	BP Bhavana Priyanka reddy	G Gladson Samuel	Janani J
AN Ameer Nisha	C Chathurika Gunasekar	GK Govartheni K A	JK Janani K
AS Anandh S	Danie Rajasekar	HR Haritha R	J Jay ram
Invite	Invite	Invite	Invite

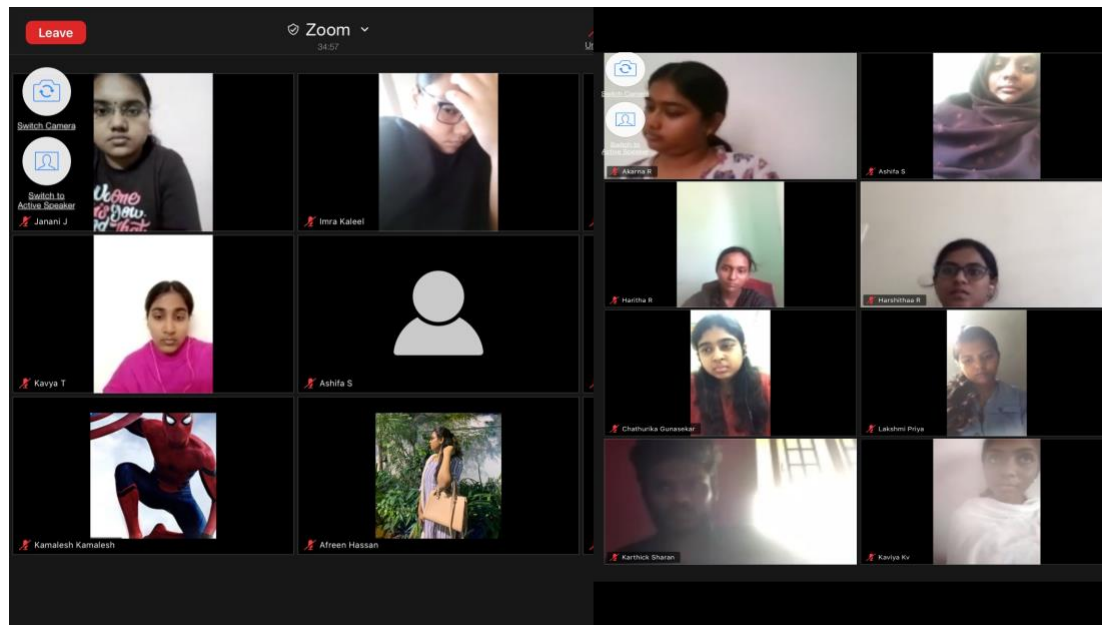
## PARTICIPANTS LIST

Participants (50)	Participants (50)	Participants (51)
 Kamalesh Kamalesh	 Lakshikha Sree	 Lisha Krishnasamy
 Kansitha Kannan	 Lakshmi Priya	 Lovisha Seles
 Karthick Sharan	 Lincy Jenisha	 Malavika Raja
 kaviya Kv	 Lisha Krishnasamy	 Manjiri Honap
 Kavya T	 Lovisha Seles	 Marajitha Devi M
 keerthigaa MP	 Malavika Raja	 Sadasiva Kadandale
 Krithika G	 Manjiri Honap	 aravind
 Lakshana Dhyaneshwaran	 Marajitha Devi M	 gokulakannan.r
<a href="#">Invite</a>	<a href="#">Invite</a>	<a href="#">Invite</a>

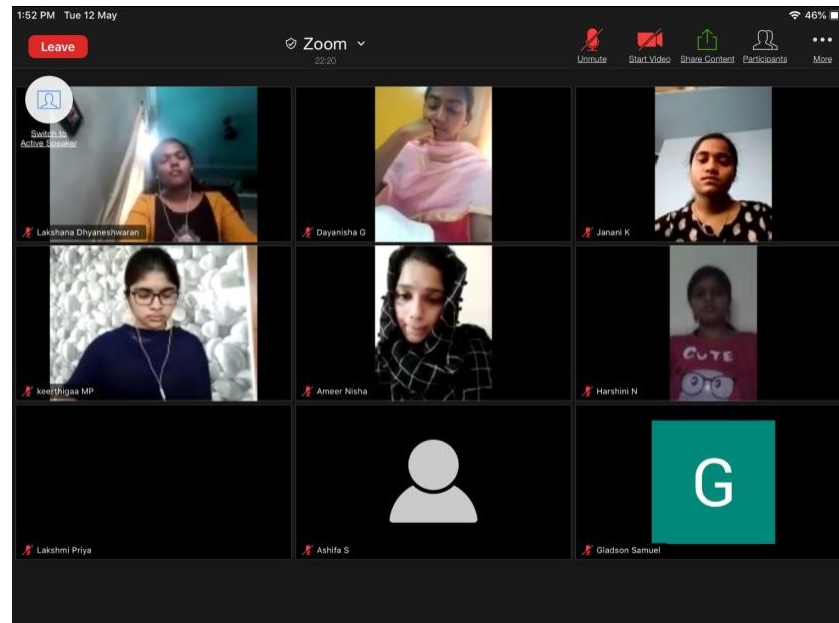
## VIDEO SLIDES




## VIDEO SLIDES



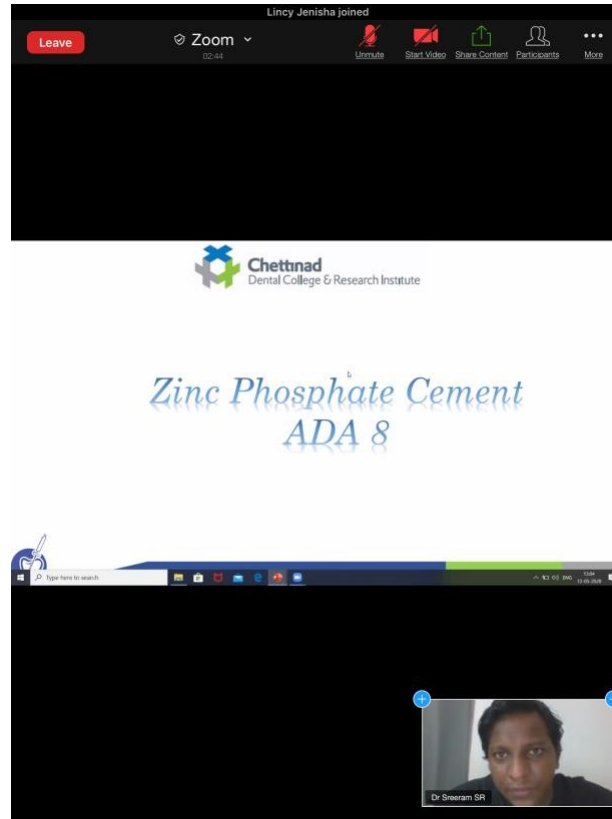
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## E-Learning Report for Theory and Practical classes for BDS II Year

<b>Date</b>	<b>13/05/2020</b>
<b>Subject</b>	<b>Preclinical Conservative</b>
<b>Department</b>	<b>Department of Conservative Dentistry and Endodontics</b>
<b>Time</b>	<b>1:00pm</b>
<b>Name of the Faculty</b>	<b>Dr.Sreeram S R</b>
<b>Topic of the webinar</b>	<b>Objective Structured Practical Examination -Zinc phosphate cement</b>
<b>No of students attended</b>	<b>46</b>
<b>E-Resource Platform</b>	
<b>Meeting ID</b>	<b>727 9269 5256</b>
<b>Password</b>	<b>Chettinad</b>

## TOPIC SLIDE



The screenshot shows a Zoom meeting interface. At the top, a status bar indicates 'Lincy Jenisha joined' and shows a 'Leave' button, the Zoom logo, and icons for 'Unmute', 'Start Video', 'Share Content', 'Participants', and 'More'. The main area displays a presentation slide with the Chettinad Dental College & Research Institute logo at the top. The slide title is 'Zinc Phosphate Cement ADA 8' in a blue, serif font. At the bottom of the screen, a Windows taskbar is visible with a search bar and several icons. In the bottom right corner, a small video window shows a participant labeled 'Dr. Sreenam SR'.

## SLIDE IMAGES

1:25 PM Wed 13 May

Zoom 23:25

Leave Unmute Start Video Share Content Participants More



### OSPE

1. Identify the Cement
2. ADA Specification Number
3. Classification
4. Composition
5. Setting Reaction & Powder Liquid Ratio
6. Manipulation
7. Uses
8. Advantages & Disadvantages



Dr. Sreenam SR

1:34 PM Wed 13 May

Zoom 22:33

Leave Unmute Start Video Share Content Participants More

### FROZEN SLAB TECHNIQUE

Feb 2015  
Feb 2018

KRITHIKA G  
II nd BDS

















































Dr. Sreenam SR



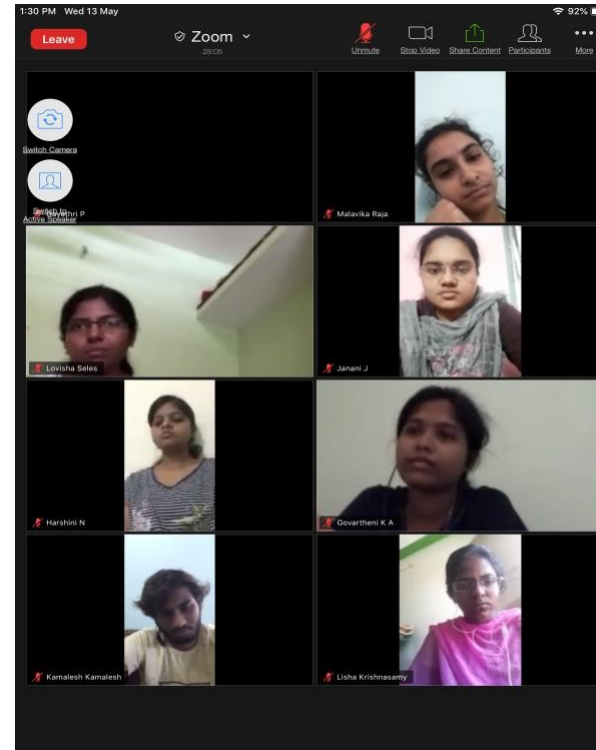
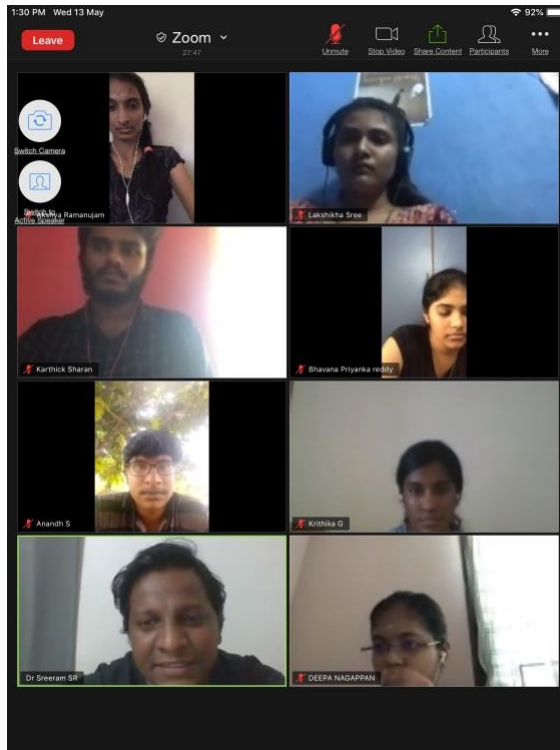
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Akarna R	BP Bhavana Priyanka reddy	G Gladson Samuel	Janani J
A Aktshaya K	C Chathurika Gunasekar	G gokulakannan.r	JK Janani K
AN Ameer Nisha	Danie Rajasekar	GK Govartheni K A	J Jay ram
AS Anandh S	d Dayanisha G	HR Haritha R	J Joshini
AK Anandhi K	DN DEEPA NAGAPPAN	H Harshini N	Kamalesh Kamalesh
Invite	Invite	Invite	Invite

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 Karthick Sharan  	 Lakshikha Sree  
 kaviya Kv  	 Lakshmi Priya  
 Kavya T  	 Lincy Jenisha  
 keerthigaa MP  	 Lisha Krishnasamy  
 Krithika G  	 Lovisha Seles  
 Lakshana Dhyaneshwaran  	 Malavika Raja  
 Lakshikha Sree  	 Marajitha Devi M  
<a href="#">Invite</a>	<a href="#">Invite</a>

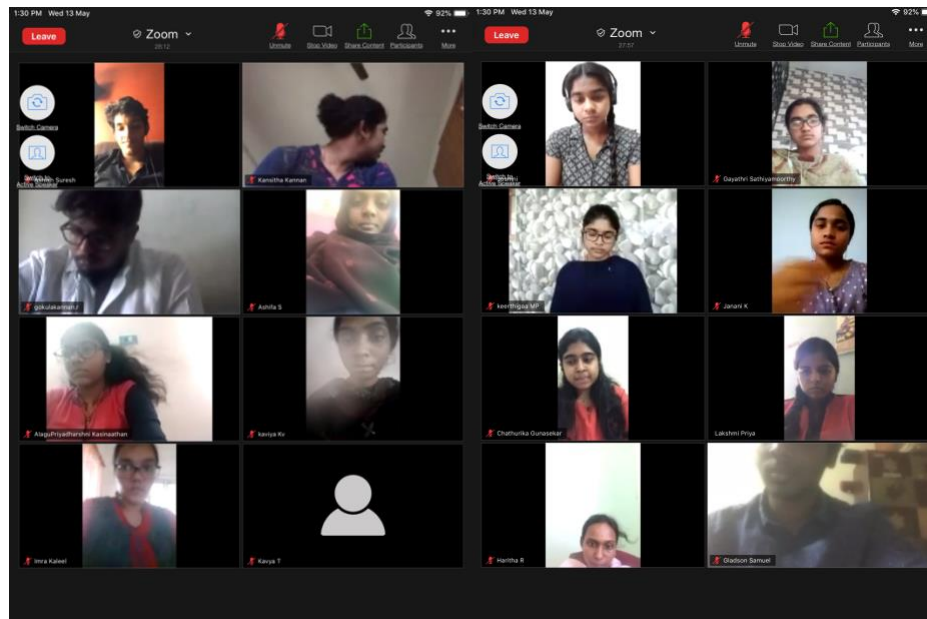
## VIDEO SLIDES



## VIDEO SLIDES




## VIDEO SLIDES





## E – Learning Report for Theory and Practical Classes for BDS II Year

<b>Date</b>	<b>14.05.2020</b>
<b>Subject</b>	<b>Preclinical conservative</b>
<b>Department</b>	<b>Department of conservative dentistry and endodontics</b>
<b>Time</b>	<b>8.30am</b>
<b>Name of the Faculty</b>	<b>Dr.Sreeram</b>
<b>Topic of the webinar</b>	<b>Objective structured practical examination-zinc phosphate cement.</b>
<b>No of students attended</b>	<b>47</b>
<b>E-Resource Platform</b>	
<b>Meeting ID</b>	<b>72792695256</b>
<b>Password</b>	<b>Chettinad</b>

**Topic**

# *Zinc Phosphate Cement* *ADA 8*



*Department of Conservative Dentistry & Endodontics*



Dr Sreeram SR





## Classification

➤ **There two types of zinc phosphate are present**

**1. Type I (fine grain)**

➤ This material creates the very thin film layer that is necessary for accurate seating of castings.

**2. Type II (medium grain)**

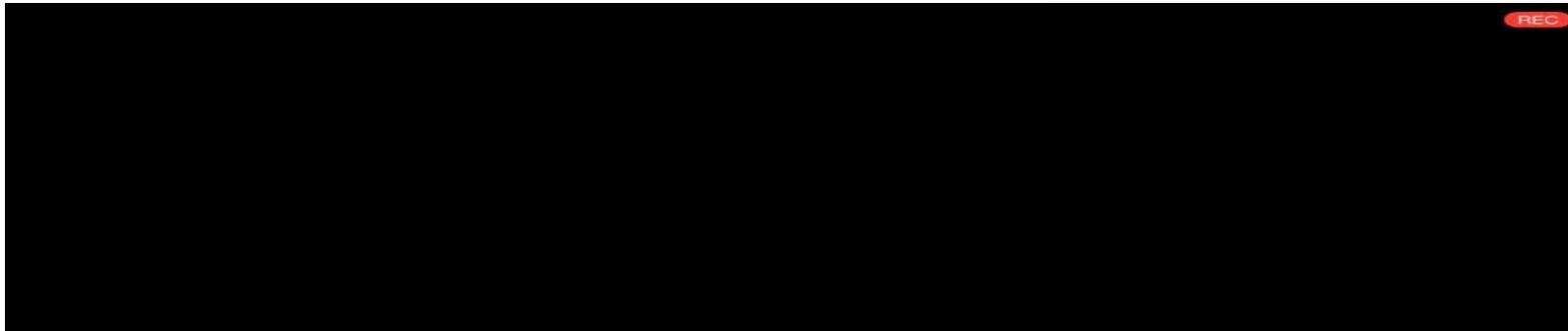
➤ Recommended for use as an insulating base for deep cavity preparations



*Department of Conservative Dentistry & Endodontics*



Dr Sreeram SR



## Mode of Supply

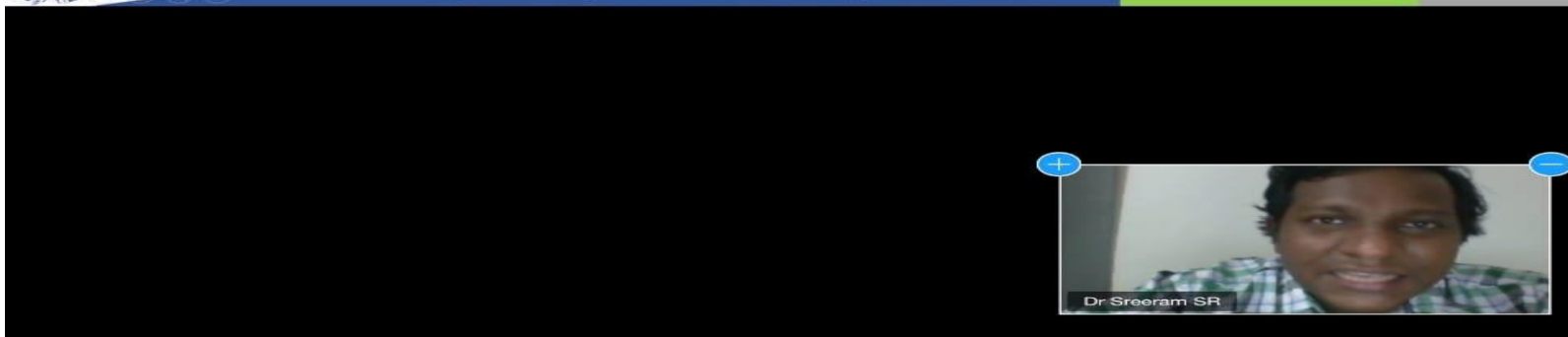
- There are two common mode of supply
- Powder and liquid system



- Capsules or preproportioned (powder/liquid)




















Department of Conservative Dentistry & Endodontics























Dr Sreeram SR

## Participant's list

















Participants (50)		
SF	S.Shahnaz Fathima	 
	Sadasiva Kadandale	 
S	Sandhya	 
SS	sandhya selvakumar	 
S	Sangetha Mahendran	 
SN	Sanjna Narendran	 
S	Saraswathy Selvam	 
SL	Sathyapriya L	 
<a href="#">Invite</a>		

### Participants (50)

PP	Padma Priyadarshi... (me)		
DS	Dr Sreeram SR (Host)		
	Anupama R		
	Max Million		
	Monica Anbarasan		
	NANDHINI DEVI		
NA	Nathashri A		
N	Niranzan N		

























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**Participants (50)**

R	Raja Rajeswari		
R	Rakshana		
RD	Rekha Dillibabu21		
R	Rishibala		
RT	Riyukta Talupur		
RK	Rohini Karthikeyan		
RR	Roshni Ramesh		
P	S.Priya Dharshini		

























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**Participants (50)**

	Shirin Sumaya		
	Shreya Subramanian		
	Sindhuja Sri		
	Sinduja R		
	siva priya B		
	Sneha M.S.		
	Sobana Kuppuraman		
	sriram T		

















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**Participants (50)**

	Pavithra	 
	Perarivalan I	 
	Pon Aruna R	 
	Pooja Ravi	 
	Prithivraj V	 
	Priya Sriram	 
	Priyadharshini. C	 
	Raghul P	 

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**Participants (50)**

SR	Sugi Rathna		
	Sujith Supradeep		
SK	Suweadha K		
SS	Swetha S		
SR	Swethaa Ravichandran		
US	Udhumal Shabika S		
UG	Umacharan G B		
S	Sneha Pinky		

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**Participants (51)**

	Saraswathy Selvam		
	Sathyapriya L		
	Senthil Kumar Kumarapp...		
	Shirin Sumaya		
	Shreya Subramanian		
	Sindhuja Sri		
	Sinduja R		
	siva priya B		

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**Participants (50)**

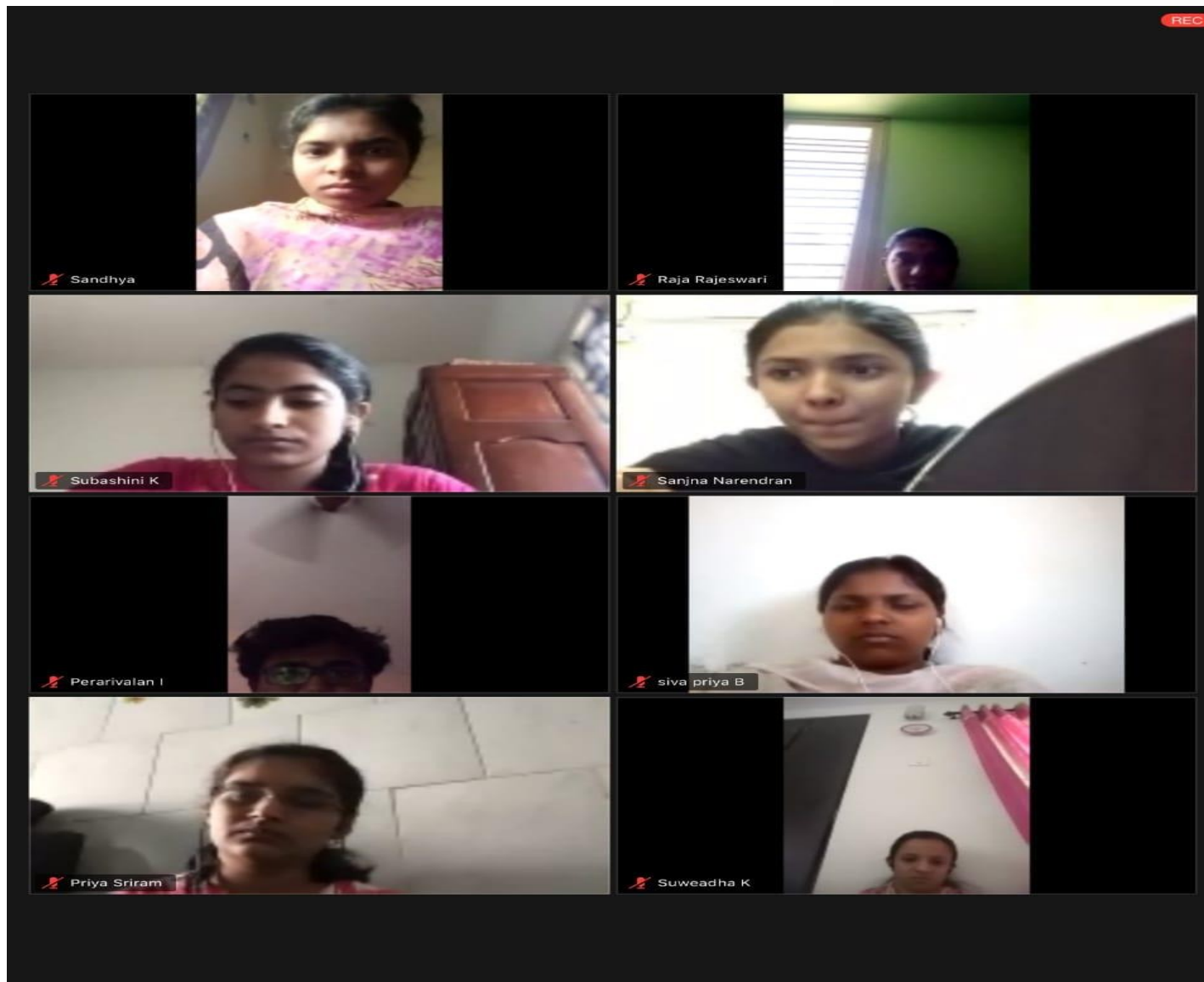
	Subaram Ganesan		
	Subashini K		
	Sugi Rathna		
	Sujith Supradeep		
	Suweadha K		
	Swetha S		
	Swethaa Ravichandran		
	Udhuma Shabika S		

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## Participant's screenshot

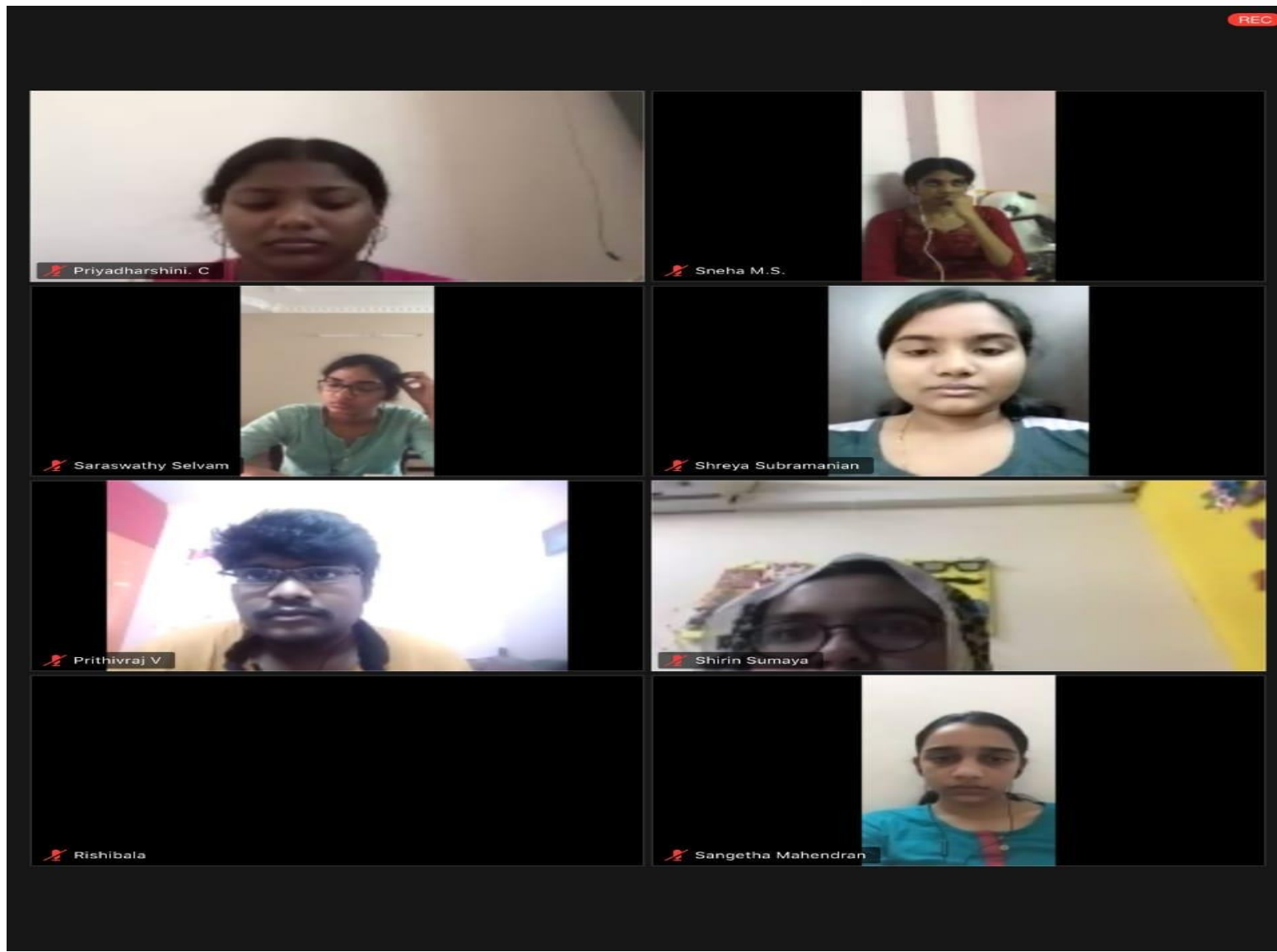


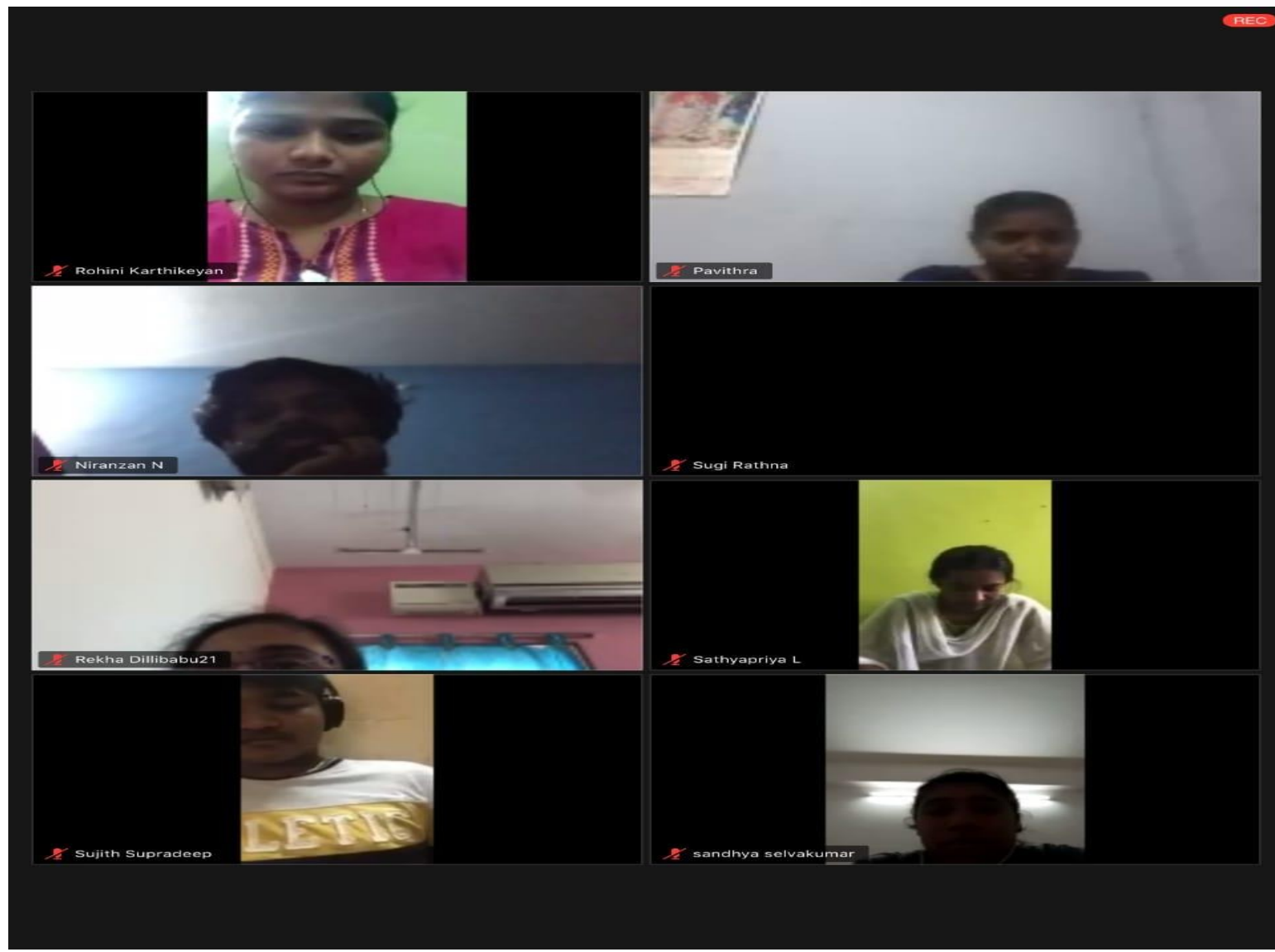













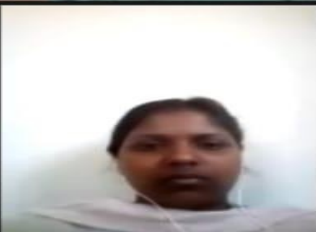











REC

 <p>Udhuma Shabika S</p>	 <p>NANDHINI DEVI</p>
 <p>Pooja Ravi</p>	 <p>Umacharan G B</p>
 <p>sriram T</p>	 <p>siva priya B</p>
 <p>S.Priya Dharshini</p>	 <p>Sneha Pinky is connecting to audio</p>



## E – Learning Report for Theory and Practical Classes for BDS II Year

<b>Date</b>	<b>14.05.2020</b>
<b>Subject</b>	<b>Dental materials</b>
<b>Department</b>	<b>Department of conservative dentistry and endodontics</b>
<b>Time</b>	<b>10.45am</b>
<b>Name of the Faculty</b>	<b>Dr.Sreeram</b>
<b>Topic of the webinar</b>	<b>Seminar –Resin modified GIC, Mericle mix, Anticariogenic property.</b>
<b>No of students attended</b>	<b>92</b>
<b>E-Resource Platform</b>	
<b>Meeting ID</b>	<b>73012271091</b>
<b>Password</b>	<b>Chettinad</b>

## Topic

11:22 AM Thu 14 May 70%

dm conserve seminar

Home Insert Draw Design Transitions Animations Slide Show Review

New Slide Layout **B** *I* U A.. A

1 **RESIN MODIFIED GIC AND MIRACLE MIX**  
[Feb 2012, Feb 2014]

2 **Composite**  
• Most common of all  
• Most common of all  
• Most common of all

3 **Advantages of Composite**  
• Esthetic  
• Bonded to tooth structure  
• No need for X-ray  
• No need for X-ray

4 **Disadvantages of Composite**  
• Shrinkage  
• Wear  
• Staining  
• Staining

5 **Composite Resin**  
• Most common of all  
• Most common of all  
• Most common of all

6 **Composite Resin**  
• Most common of all  
• Most common of all  
• Most common of all

7 **Composite Resin**  
• Most common of all  
• Most common of all  
• Most common of all

8 **Composite Resin**  
• Most common of all  
• Most common of all  
• Most common of all

# RESIN MODIFIED GIC AND [Feb 2012, Feb 2014] MIRACLE MIX [Feb 2020]

K.SUBASHINI  
II Yr BDS, CDCRI

Slide 1 of 19 Notes

11:05 AM Thu 14 May

Leave Zoom 20:09

Unmute Start Video Share Content Participants More

11:05 AM Thu 14 May

Presentations Presentation 4

1 ANTICARIOGENIC AGENT

2

3 Stay COOL

4

5

6

7

8

ANTICARIOGENIC AGENT

By Pavithra.M  
IInd year bds  
[AUG=2017]

Pavithra

11:09 AM Thu 14 May

Leave Zoom 23:55

Unmute Start Video Share Content Participants More

11:09 AM Thu 14 May

Presentations Presentation 4

3 StayCOOL

4

5

6

7

8

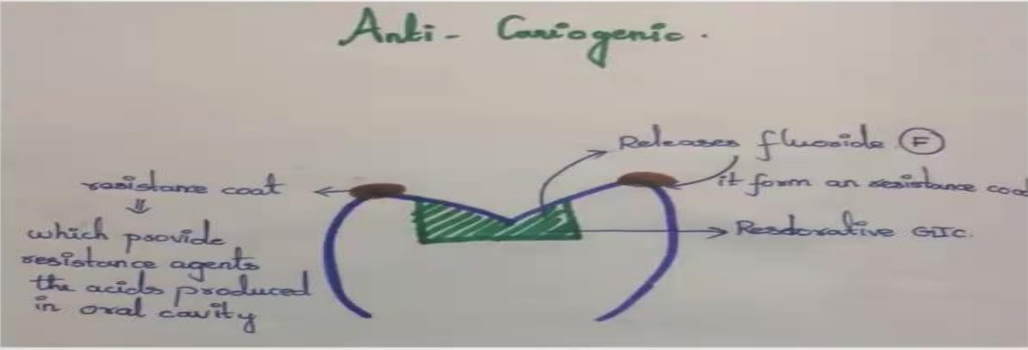
9

10

+

## Simple understanding of Anticariogenic activity

Anti-Cariogenic.



Resistance coat

which provide resistance agents the acids produced in oral cavity

Releases fluoride (F)



















it form an resistance coat

Restorative GIC

Pavithra's screen

















Pavithra

## Participant's list














Participants (92)		
SL	Sathyapriya L	 
S	Shirin Sumaya	 
	Shreya Subramanian	 
SS	Sindhuja Sri	 
SR	Sinduja R	 
SP	siva priya B	 
	Sneha M.S.	 
SK	Sobana Kuppuraman	 
<a href="#">Invite</a>		



















## Participants (92)

RR	Roshni Ramesh		
P	S.Priya Dharshini		
SF	S.Shahnaz Fathima		
S	Sandhya		
SS	sandhya selvakumar		
S	Sangetha Mahendran		
SN	Sanjna Narendran		
S	Saraswathy Selvam		

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Participants (93)		
SS	Swetha S	 
SR	Swethaa Ravichandran	 
US	Udhumal Shabika S	 
UG	Umacharan G B	 
A	aravind	
	Ashish Suresh	
R	Raja Rajeswari	
S	Sneha Pinky	
<a href="#">Invite</a>		

## Participants (93)

ST	sriram T		
	Subaram Ganesan		
SR	Sugi Rathna		
	Sujith Supradeep		
S	Sushanthika		
SK	Suweadha K		
SS	Swetha S		
SR	Swethaa Ravichandran		

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## Participants (92)

N	Niranzan N		
PP	Padma Priyadarshine S		
P	Pavithra		
PI	Perarivalan I		
PA	Pon Aruna R		
	Pooja Ravi		
PV	Prithivraj V		
P	Priya Sriram		

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### Participants (92)



Priyadharshini. C



Raghul P



R

Rakshana



R

Rekha Dillibabu



R

Ria Parashar



R

Rishibala



RT

Riyukta Talupur



RK

Rohini Karthikeyan



[Invite](#)

## Participants (92)



Janani Ck



Janani J



Janani K



Jay ram



Joshini.M



Kamalesh Kamalesh



Kansitha Kannan



























Karthick Sharan



























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## Participants (92)

	kaviya Kv	 
	Kavya T	 
	keerthigaa MP	 
	Krithika G	 
	Lakshana Dhyaneshwaran	 
	Lakshikha Sree	 
	Lakshmi Priya	 
	Lincy Jenisha	 

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## Participants (92)

	Lisha Krishnasamy	 
	Lovisha Seles	 
	Malavika Raja	 
	Marajitha Devi M	 
	Max Million	 
	Monica Anbarasan	 
	NANDHINI DEVI	 
	Niranzan N	 

[Invite](#)



























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C	Chathurika Gunasekar		
	Danie Rajasekar		
d	Dayanisha G		
DN	DEEPA NAGAPPAN		



















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	Deepika Balamurugan		
	Gayathri P		
	Gayathri Sathiyamoorthy		
	Gladson Samuel		
	Govartheni K A		
	Haritha R		
	Harshini N		
	Harshithaa R		

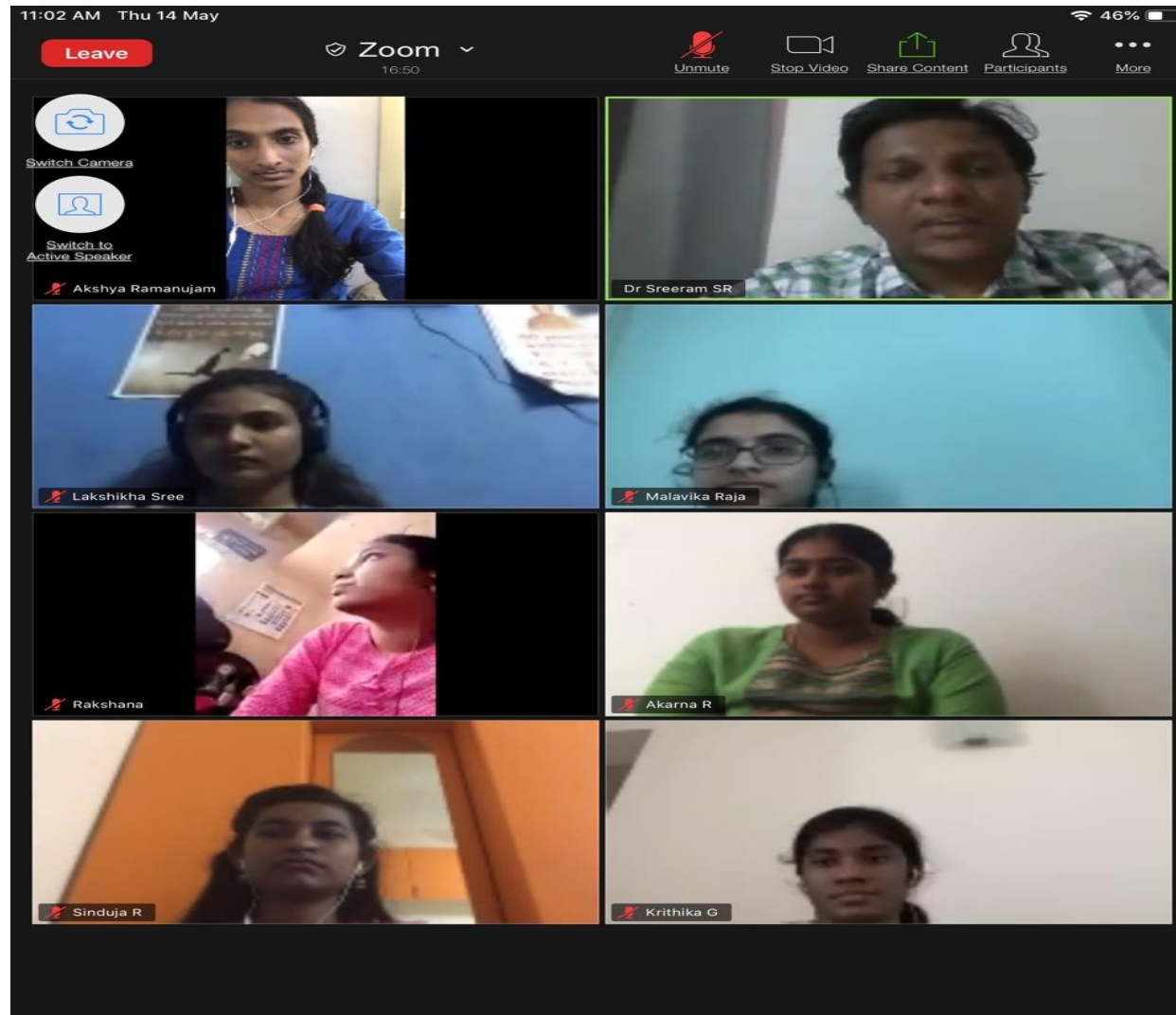
Invite

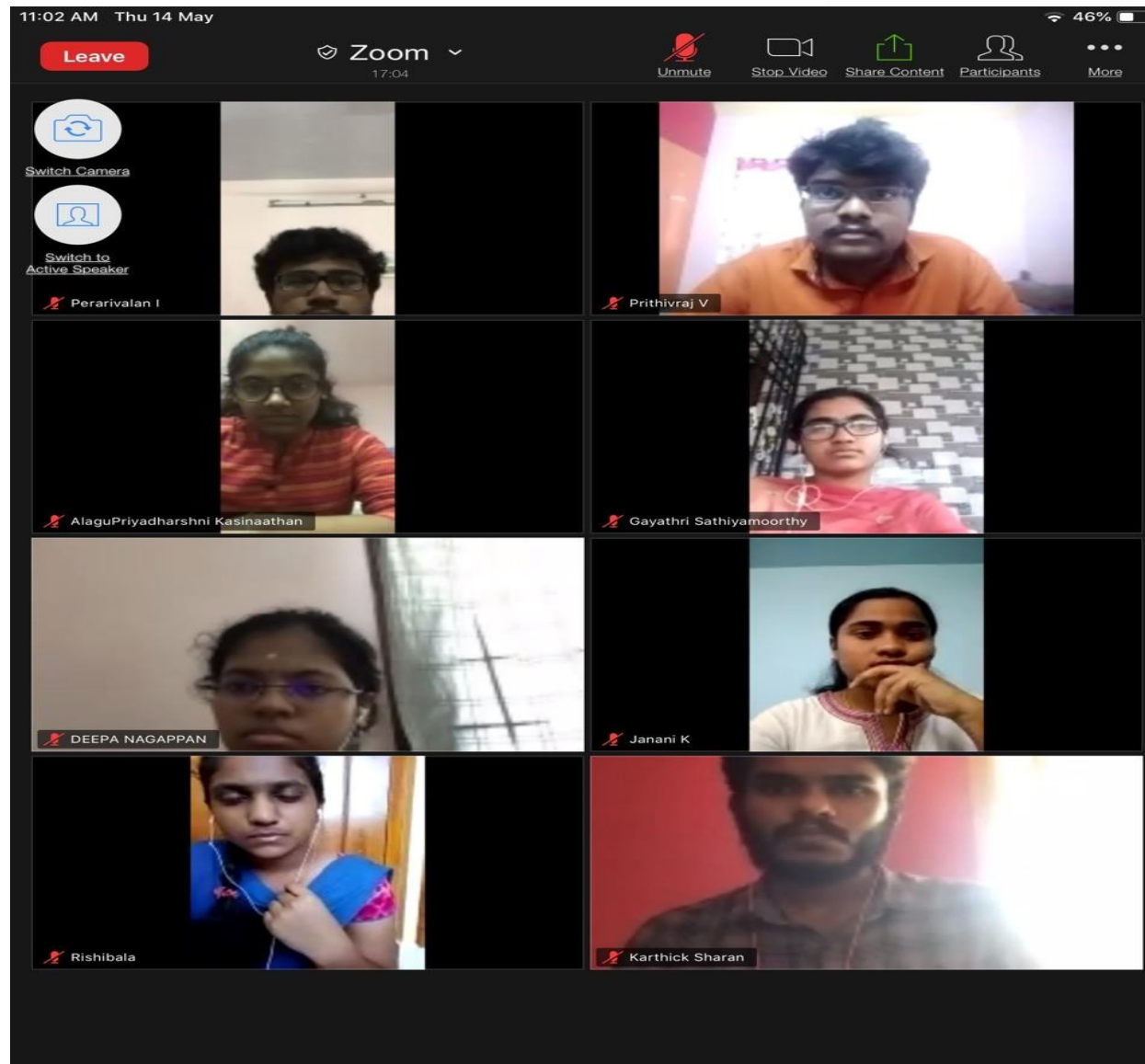
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	Akarna R			
A	AlaguPriyadharshni Kasina...			
AN	Ameer Nisha			
AS	Anandh S			
AK	Anandhi K			

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## Participant's screenshots





11:02 AM Thu 14 May

Zoom 16:59

Leave Unmute Stop Video Share Content Participants More

Switch Camera

Switch to Active Speaker

AR anandhi

Dayanisha G

Subaram Ganesan

Bhavana Priyanka reddy

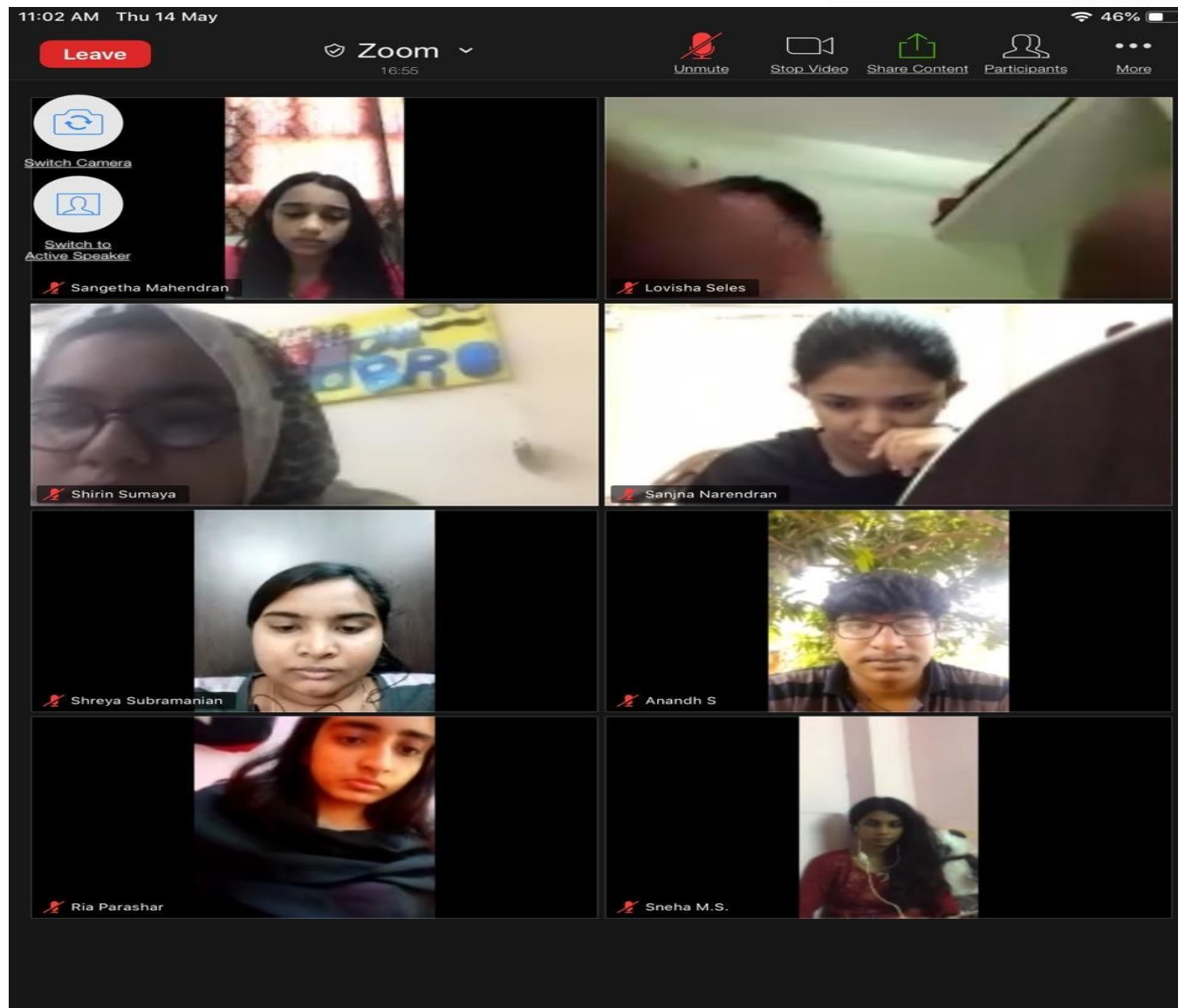
Priyadharshini, C

Raghul P

Ameer Nisha

Umacharan G B





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Zoom 17:14

Leave Unmute Stop Video Share Content Participants More

Switch Camera Switch to Active Speaker

Janani Ck Padma Priyadarshine S

Lincy Jenisha Max Million

Swetha S Subashini K

Pavithra Sindhuja Sri



11:02 AM Thu 14 May

Zoom 17:10

Leave Unmute Stop Video Share Content Participants More

Switch Camera Switch to Active Speaker

keerthigaa MP

S. Shahnaz Fathima

Janani J

Joshini. M

Lakshana Dhyaneswaran

Gladson Samuel

Suweadha K

Sobana Kuppuraman

11:03 AM Thu 14 May

Zoom 18:14

Leave

Unmute Stop Video Share Content Participants More

Switch Camera

Switch to Active Speaker

Kavya T

Priya Sriram

Monica Anbarasan

siva priya B

Pooja Ravi

Gayathri P

Swetha Ravichandran

Padma Priyadarshine S

11:03 AM Thu 14 May

Leave Zoom 17:19

Unmute Stop Video Share Content Participants More

Switch Camera

Switch to Active Speaker

Harshini N

Govartheni K A

Gayathri P

Lisha Krishnasamy

Chathurika Gunasekar

Nathashri A

Sugi Rathna

Sushanthika

11:04 AM Thu 14 May

**Leave** Zoom 18:21

Unmute Stop Video Share Content Participants More

Switch Camera  
Switch to Active Speaker

Saraswathy Selvam

Sujith Supradeep

Udhuma! Shabika S

sandhya selvakumar

Rohini Karthikeyan

Sugi Rathna

Ashifa S

Ashish Suresh

11:03 AM Thu 14 May

**Zoom** 17:33

**Leave** Unmute Stop Video Share Content Participants More

Switch Camera  
Switch to Active Speaker

Imra Kaleel

Sandhya

kaviya Kv

Kavya T


Priya Sriram

Monica Anbarasan

Rohini Karthikeyan

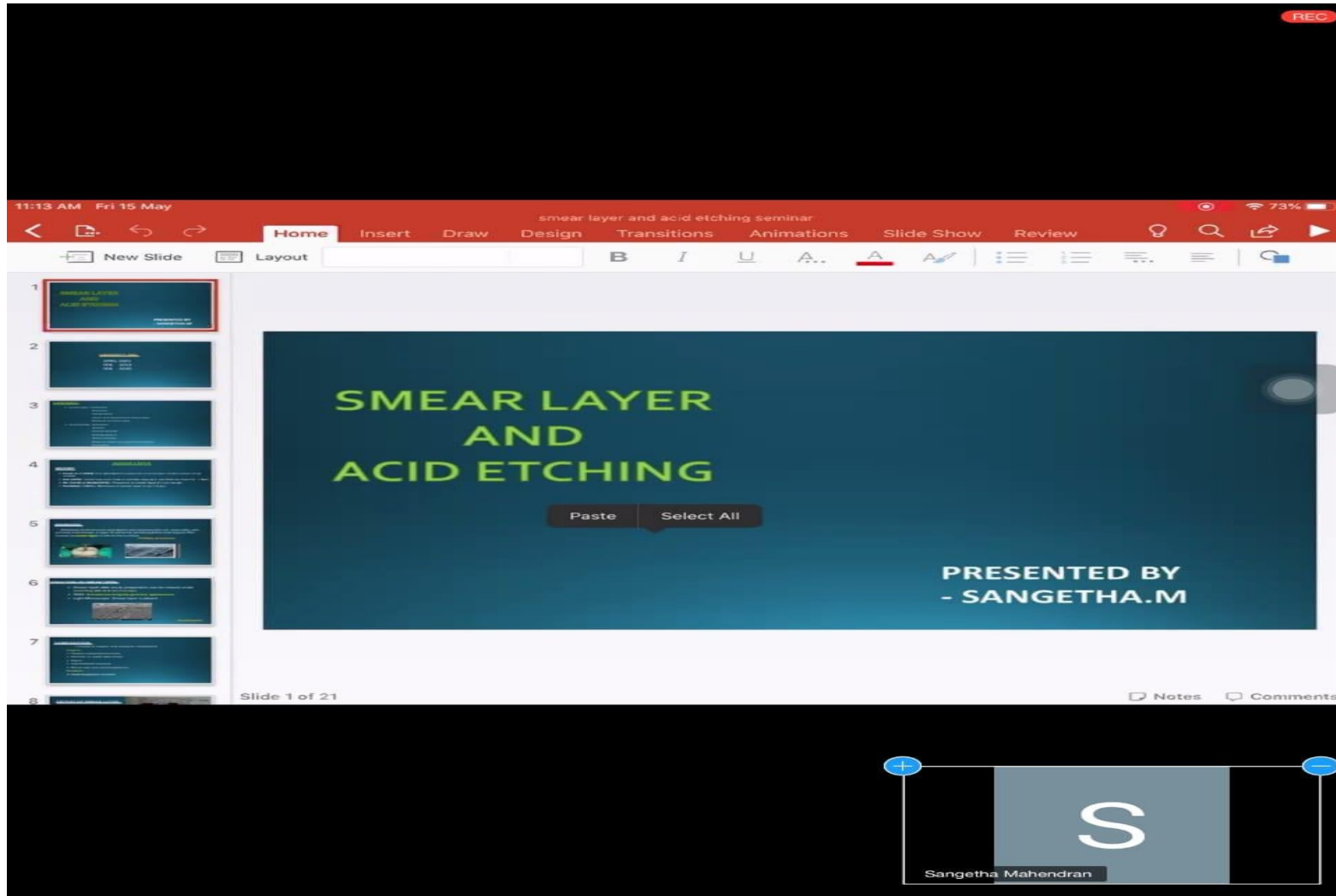
sandhya selvakumar

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<b>Department</b>	<b>Department of conservative dentistry and endodontics</b>
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<b>E-Resource Platform</b>	
<b>Meeting ID</b>	<b>73012271091</b>
<b>Password</b>	<b>Chettinad</b>



## Topic



The screenshot shows a PowerPoint presentation titled "SMEAR LAYER AND ACID ETCHING" presented by SANGETHA.M. The presentation is displayed on a mobile device screen, with a red status bar at the top showing the time as 11:13 AM on Friday, May 15. The PowerPoint interface includes a ribbon with tabs for Home, Insert, Draw, Design, Transitions, Animations, Slide Show, and Review. The main slide area displays the title "SMEAR LAYER AND ACID ETCHING" in large, bold, green letters, with the presenter's name "PRESENTED BY - SANGETHA.M" in white text at the bottom right. A "Paste" button and a "Select All" button are visible over the title text. On the left side, a thumbnail view of the presentation shows 8 slides, with the first slide highlighted. The bottom of the screen shows a navigation bar with a plus sign, a minus sign, and a central area displaying a large white "S" on a blue background, with the name "Sangetha Mahendran" below it.

REC

11:13 AM Fri 15 May smear layer and acid etching seminar 73%

Home Insert Draw Design Transitions Animations Slide Show Review

New Slide Layout

**1** **2** **3** **4** **5** **6** **7** **8**

**CONTENTS**

- Smear layer : Definition
  - Structure
  - Composition
  - Layers and thickness of smear layer
  - Removal of smear layer
- Acid etching : Definition
  - Etchant
  - Enamel etching
  - Etching pattern
  - Dentin etching
  - Mode of action on enamel and dentin
  - Procedure

Slide 3 of 21

Notes Comments

S

Sangeetha Mahendran



REC

11:14 AM Fri 15 May

smear layer and acid etching seminar

Home Insert Draw Design Transitions Animations Slide Show Review


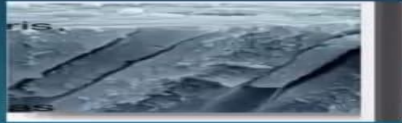
New Slide Layout

**1** **2** **3** **4** **5** **6** **7** **8**

**DEFINITION**

Whenever both enamel and dentin are mechanically cut, especially with a rotary instrument, a layer of adherent grinding debris and organic film known as **smear layer** is left on the surface.

*-Phillips, Anusavice*

Slide 5 of 21

Notes Comments

























+

S




















Sangeetha Mahendran

-

## Participant's list

























Participants (48)		
	Raghul P	 
	Rakshana	 
	Rekha Dillibabu	 
	Ria Parashar	 
	Rishi Bala	 
	Riyukta Talupur	 
	Rohini Karthikeyan	 
	Roshni Ramesh	 
<a href="#">Invite</a>		

**Participants (48)**

PP	Padma Priyadarshi... (me)		
S	Sangetha Mahen... (Host)		
DS	Dr Sreeram SR		
SN	Sanjna Narendran		
	Max Million		
	Monica Anbarasan		
	NANDHINI DEVI		
NA	Nathashri A		


















[Invite](#)

### Participants (48)

	Sujith Supradeep	 
	Sushanthika	 
	Suweadha K	 
	Swetha S	 
	Swethaa Ravichandran	  
	Udhumal Shabika S	 
	Umacharan G B	 
	Raja Rajeswari	


















[Invite](#)

**Participants (48)**

SF	S.Shahnaz Fathima		
S	Sandhya		
SS	sandhya selvakumar		
S	Saraswathy Selvam		
SL	Sathyapriya L		
S	Shirin Sumaya		
	Shreya Subramanian		
SS	Sindhuja Sri		

















[Invite](#)

### Participants (48)

N	Niranzan N		
P	Pavithra.M		
PI	Perarivalan I		
PA	Pon Aruna R		
	Pooja Ravi		
PV	Prithivraj V		
P	Priya Sriram		
	Priyadharshini. C		

[Invite](#)

**Participants (48)**

SR	Sinduja R		
SP	siva priya B		
	Sneha M.S.		
SK	Sobana Kuppuraman		
ST	sriram T		
	Subaram Ganesan		
S	Subashini K		
SR	Sugi Rathna		

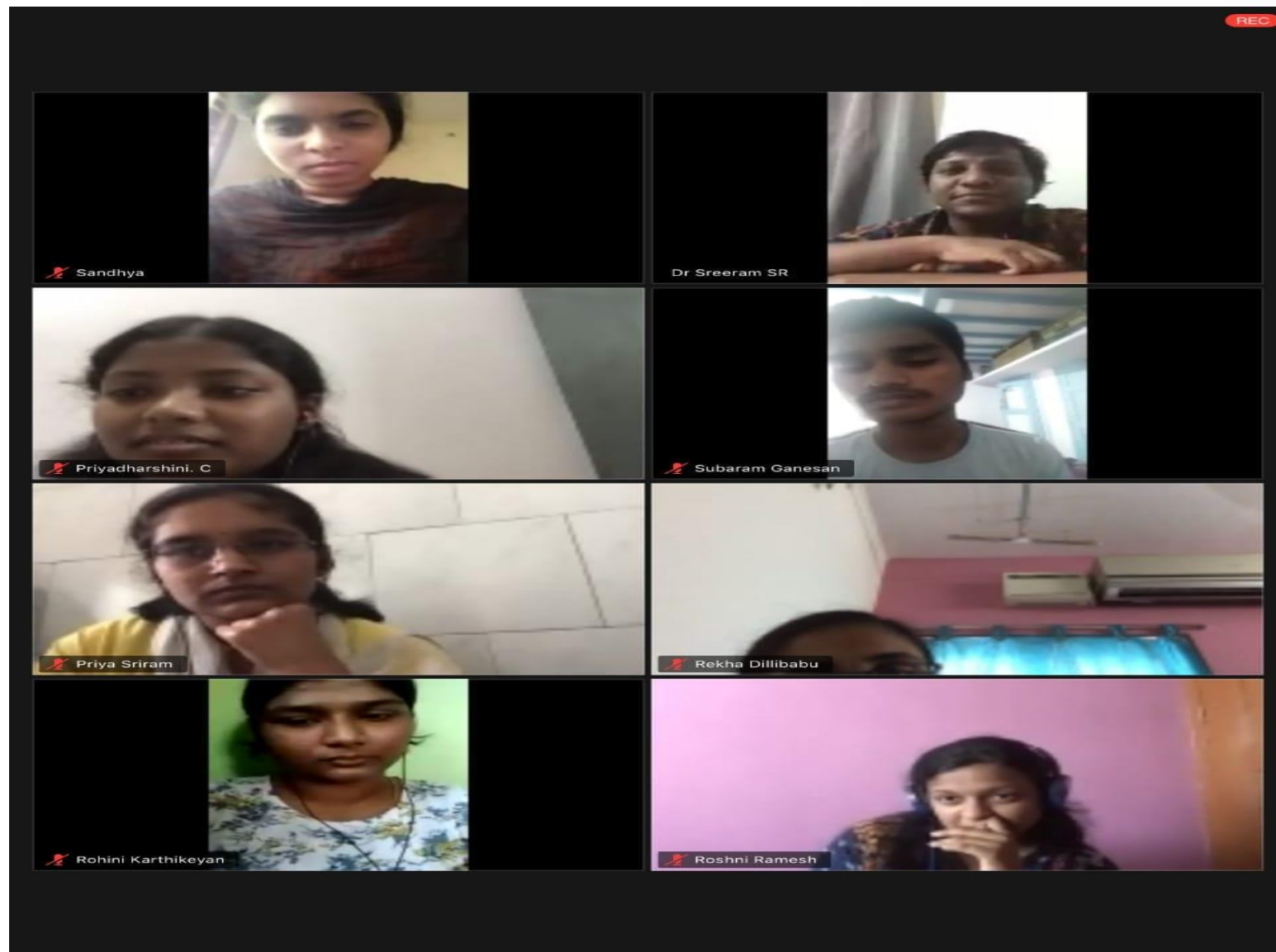
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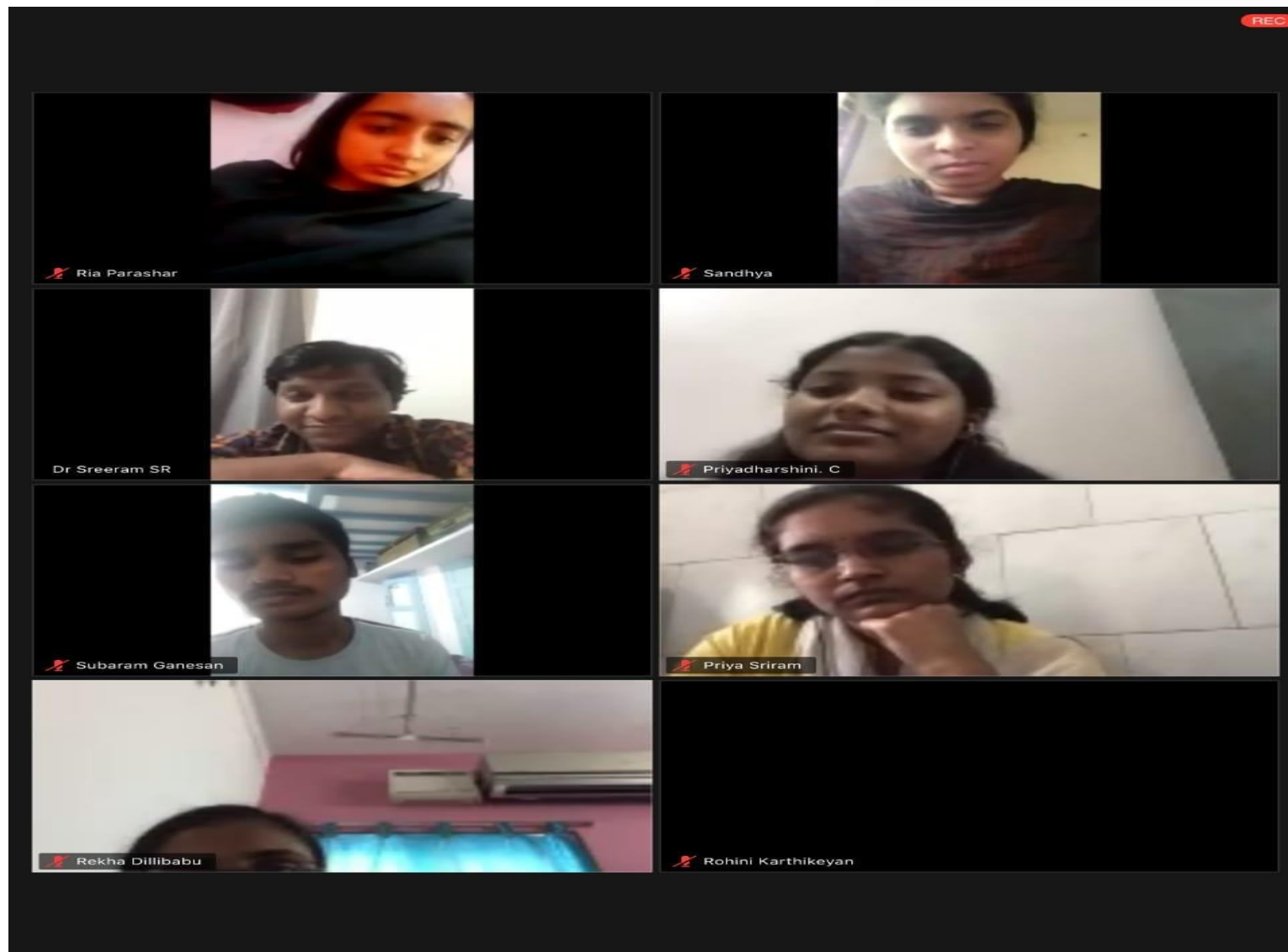
## Participant's screenshot

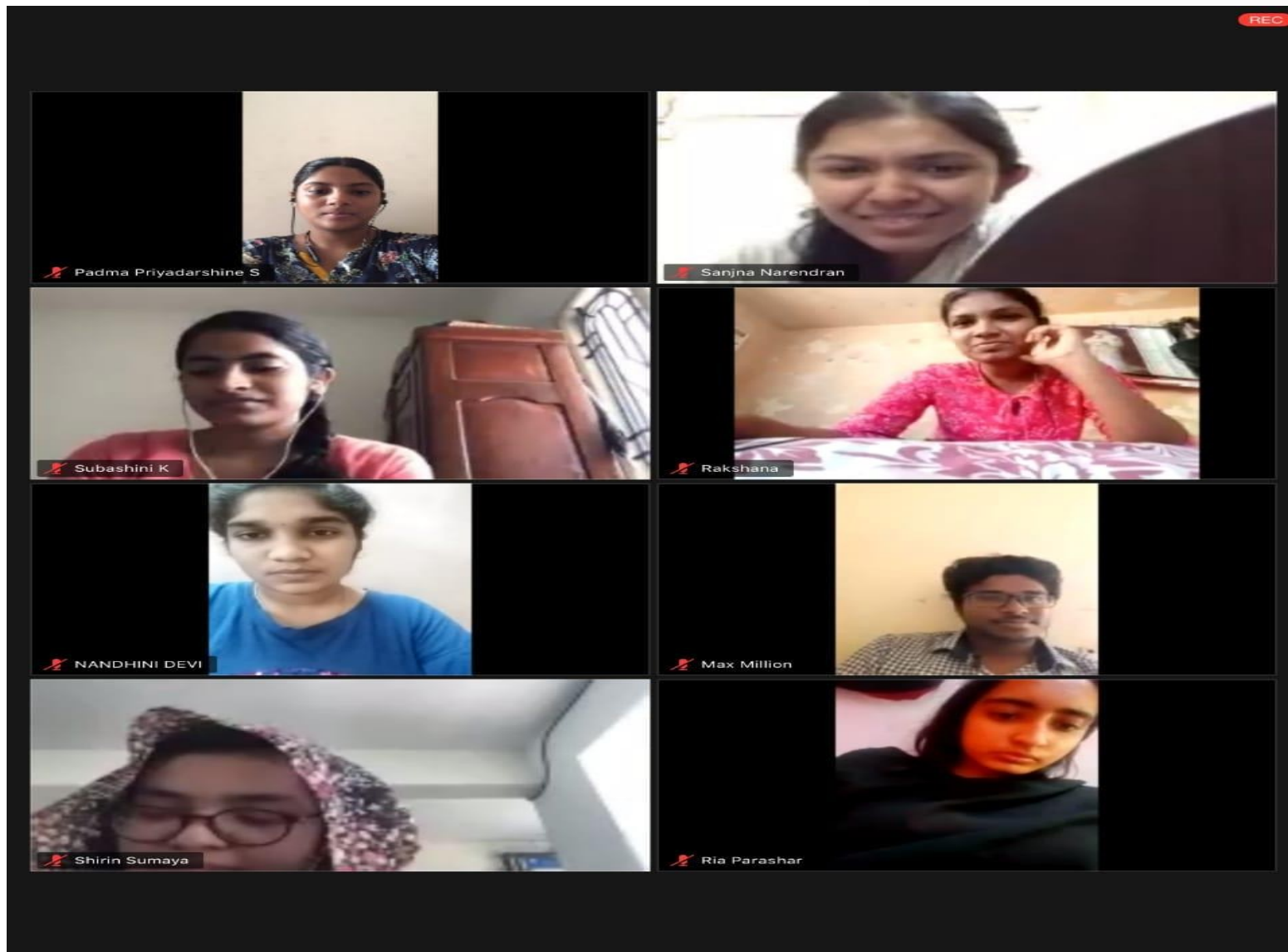






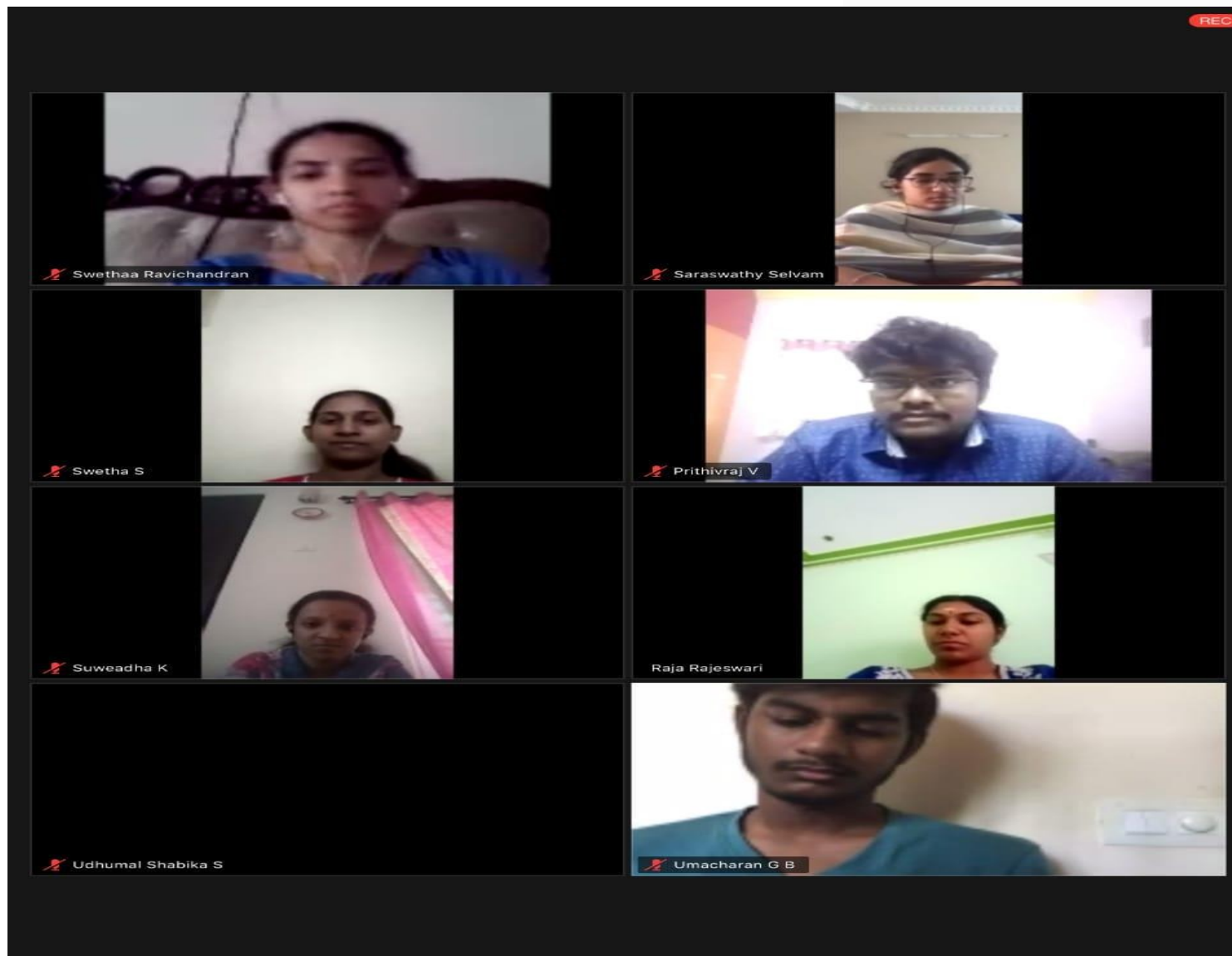


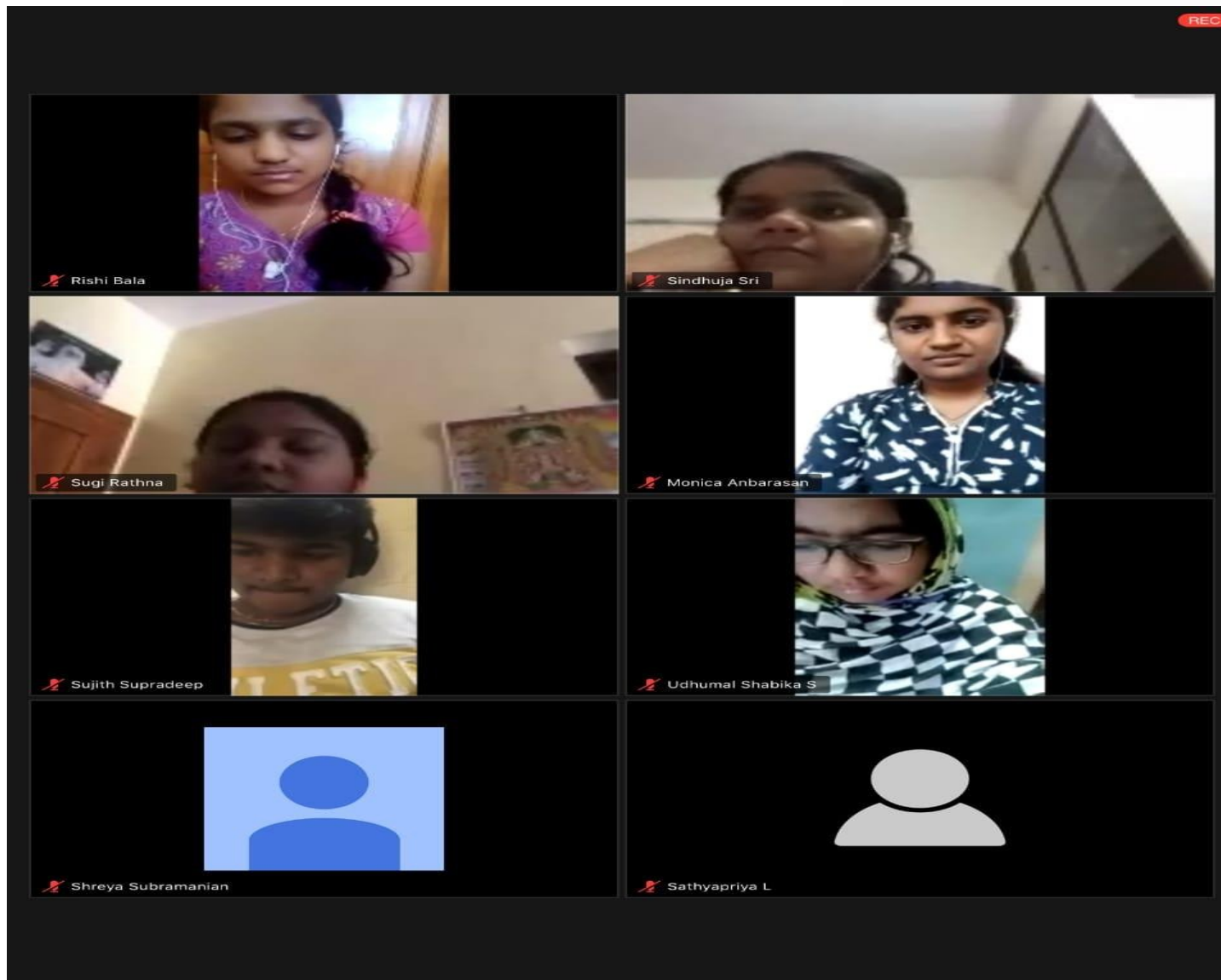


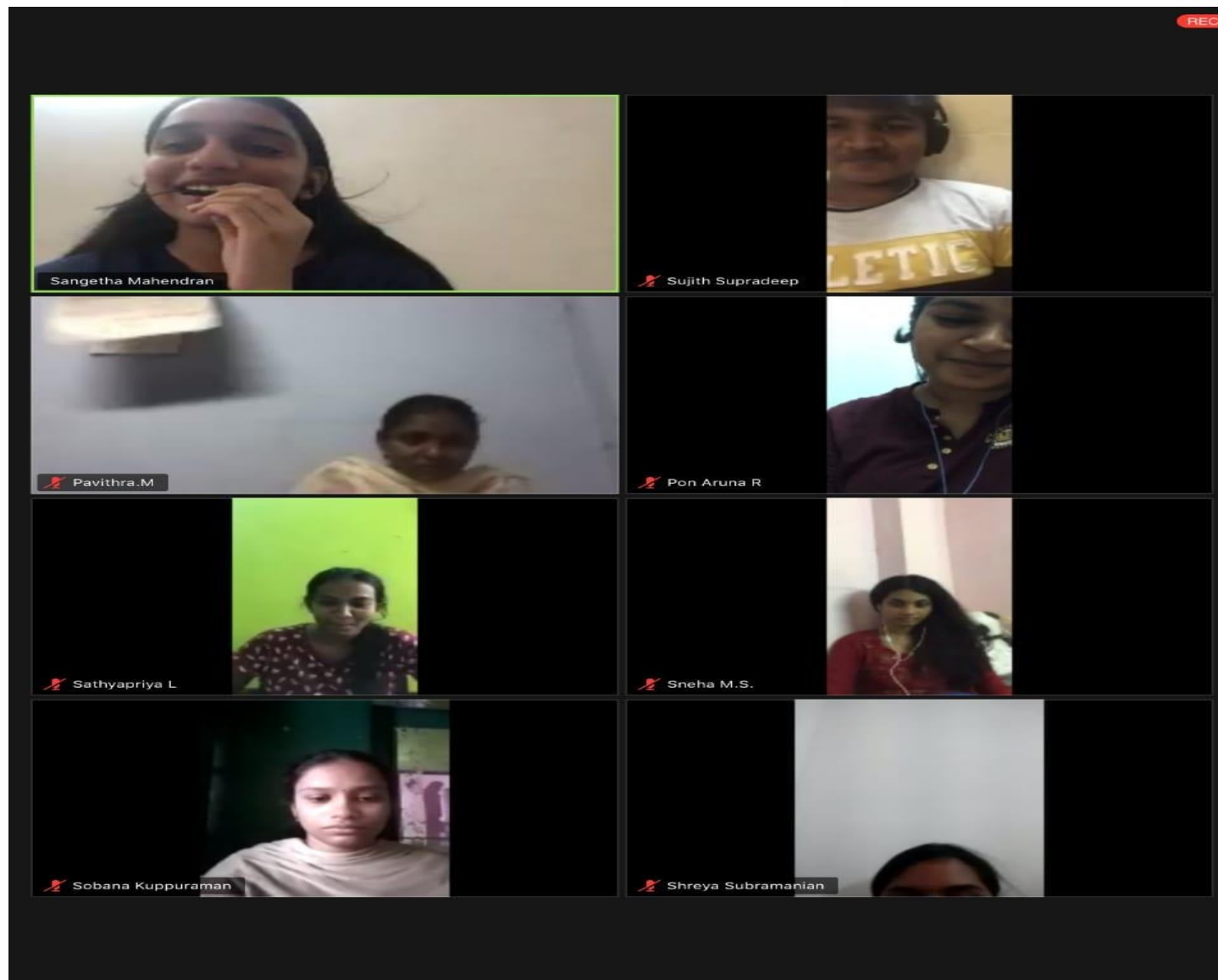















## E – Learning Report for Theory and Practical Classes for BDS II Year

<b>Date</b>	<b>15.05.2020</b>
<b>Subject</b>	<b>Preclinical conservative</b>
<b>Department</b>	<b>Department of conservative dentistry and endodontics</b>
<b>Time</b>	<b>10.45am</b>
<b>Name of the Faculty</b>	<b>Dr.Sreeram</b>
<b>Topic of the webinar</b>	<b>Seminar –Frozen slab technique</b>
<b>No of students attended</b>	<b>49</b>
<b>E-Resource Platform</b>	
<b>Meeting ID</b>	<b>73012271091</b>
<b>Password</b>	<b>Chettinad</b>

## Topic

10:50 AM Fri 15 May Presentation (6) 29%


Home Insert Draw Design Transitions Animations Slide Show Review

New Slide Layout

**FROZEN SLAB TECHNIQUE**


BY,  
**C.PRIYADHARSHINI.**  
(FEB 2015)

Slide 1 of 23 Notes Comments



**FROZEN SLAB TECHNIQUE**

BY,  
**C.PRIYADHARSHINI.**  
(FEB 2015)



Priyadharshini. C

10:50 AM Fri 15 May

REC

Home Insert Draw Design Transitions Animations Slide Show Review

New Slide Layout

**1 FROZEN SLAB TECHNIQUE**

**2 CONTENTS**

**3 INTRODUCTION**

**4 DEFINITION**

**5 ZINC PHOSPHATE CEMENT**

**6 HISTORY**

**7 COMMERCIAL NAMES**

**8**

**CONTENTS**

- INTRODUCTION
- DEFINITION
- HISTORY
- CLASSIFICATION
- COMPOSITION
- SETTING REACTION
- MANIPULATION
- FROZEN SLAB TECHNIQUE
- SUMMARY

Slide 2 of 23

Notes Comments

Priyadharshini.C

REC

10:50 AM Fri 15 May

Presentation (6)

Home Insert Draw Design Transitions Animations Slide Show Review

New Slide Layout

**1** FROZEN SLAB TECHNIQUE

**2** CONTENTS

**3** INTRODUCTION

**4** DEFINITION

**5** ZINC PHOSPHATE CEMENT

**6** HISTORY

**7** COMMERCIAL NAMES

**8** ADVANTAGES, DISADVANTAGES

**INTRODUCTION**

- **LUTING:** USE OF A MOLDABLE SUBSTANCE TO SEAL A SPACE OR TO CEMENT TWO COMPONENTS TOGETHER.
- **LUTING CEMENT:** IN DENTISTRY, IT IS DESIGNED TO FILL THE MICROSCOPIC GAPS BETWEEN A PROSTHESIS AND A PREPARED TOOTH.

Slide 3 of 23

Notes Comments

Priyadharshini. C

10:51 AM Fri 15 May

REC

Home Insert Draw Design Transitions Animations Slide Show Rev. Play Lightbulb Search Share

New Slide Layout

**ZINC PHOSPHATE CEMENT**

















- OLDEST OF THE LUTING CEMENT -1879
- LONGEST CLINICAL RECORD
- SERVES AS A STANDARD BY WHICH NEWER CEMENTS WERE COMPARED.
- ADA SPECIFICATION NO :96

Slide 5 of 23

















Notes Comments

Priyadharshini. C

Participant's list

Participants (50)		
SS	Sindhuja Sri	 
SR	Sinduja R	 
SP	siva priya B	 
	Sneha M.S.	 
SK	Sobana Kuppuraman	 
ST	sriram T	 
	Subaram Ganesan	 
S	Subashini K	 
<a href="#">Invite</a>		





















**Participants (50)**

R	Rekha Dillibabu21		
R	Ria Parashar		
RB	Rishi Bala		
RT	Riyukta Talupur		
RK	Rohini Karthikeyan		
RR	Roshni Ramesh		
P	S.Priya Dharshini		
SF	S.Shahnaz Fathima		

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**Participants (50)**

PP	Padma Priyadarshi... (me)		
	Priyadharshini. C (Host)		
DS	Dr Sreeram SR		
	Max Million		
	Monica Anbarasan		
	NANDHINI DEVI		
NA	Nathashri A		
N	Niranzan N		

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### Participants (50)

P	Pavithra.M		
PI	Perarivalan I		
PA	Pon Aruna R		
	Pooja Ravi		
PV	Prithivraj V		
P	Priya Sriram		
	Raghul P		
R	Rakshana		
















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**Participants (50)**

S	Sandhya		
SS	sandhya selvakumar		
S	Sangetha Mahendran		
SN	Sanjna Narendran		
S	Saraswathy Selvam		
SL	Sathyapriya L		
S	Shirin Sumaya		
	Shreya Subramanian		

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**Participants (50)**

S	Sushanthika			
SK	Suweadha K			
SS	Swetha S			
SR	Swethaa Ravichandran			
US	Udhumal Shabika S			
UG	Umacharan G B			
R	Raja Rajeswari			
S	Sneha Pinky			

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Modulus of • Quiet stiff & resistant to elastic deformation

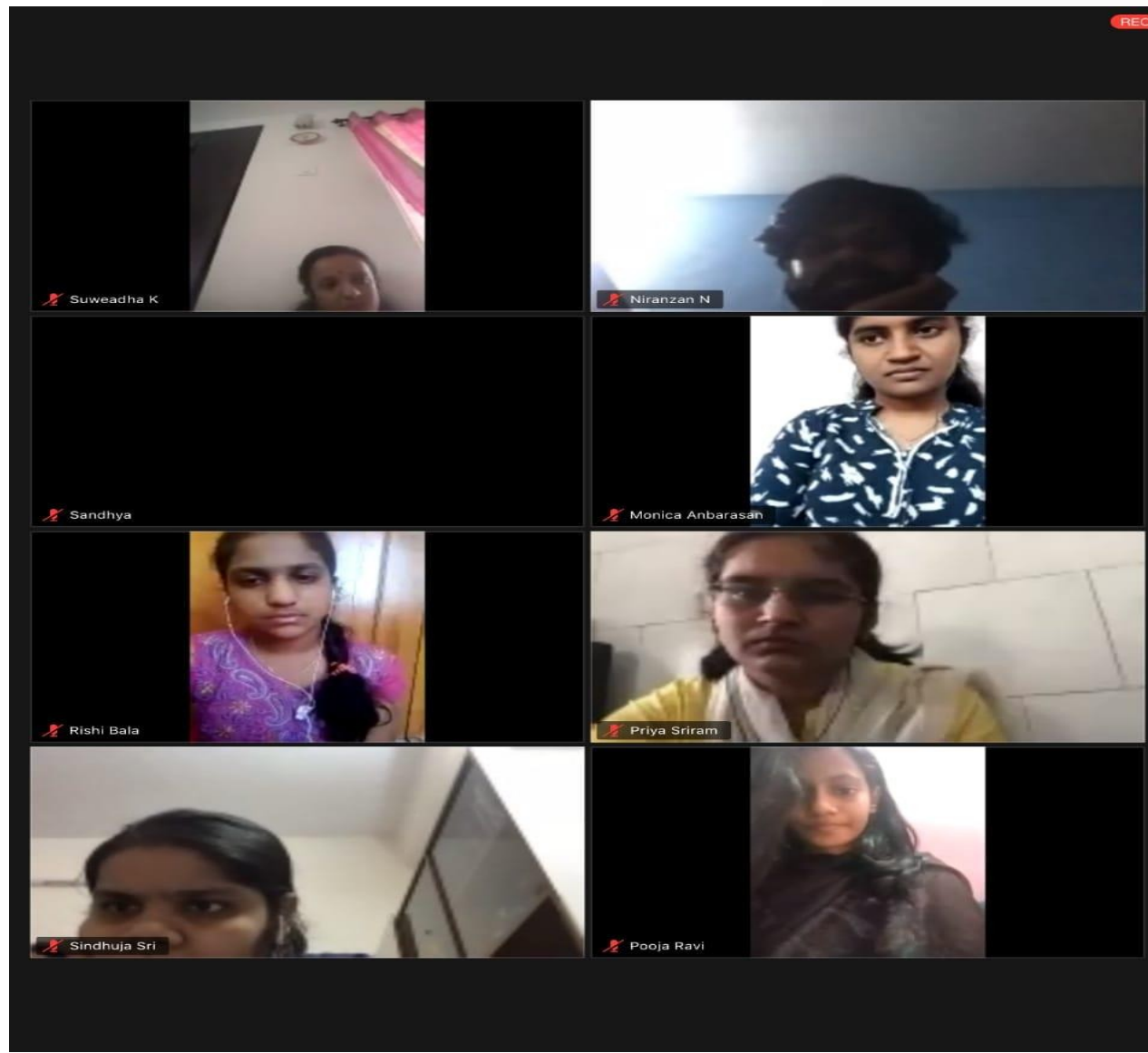
**Participants (50)**

SR	Sugi Rathna			
	Sujith Supradeep			
S	Sushanthika			
SK	Suweadha K			
SS	Swetha S			
SR	Swethaa Ravichandran			
US	Udhumal Shabika S			
UG	Umacharan G B			

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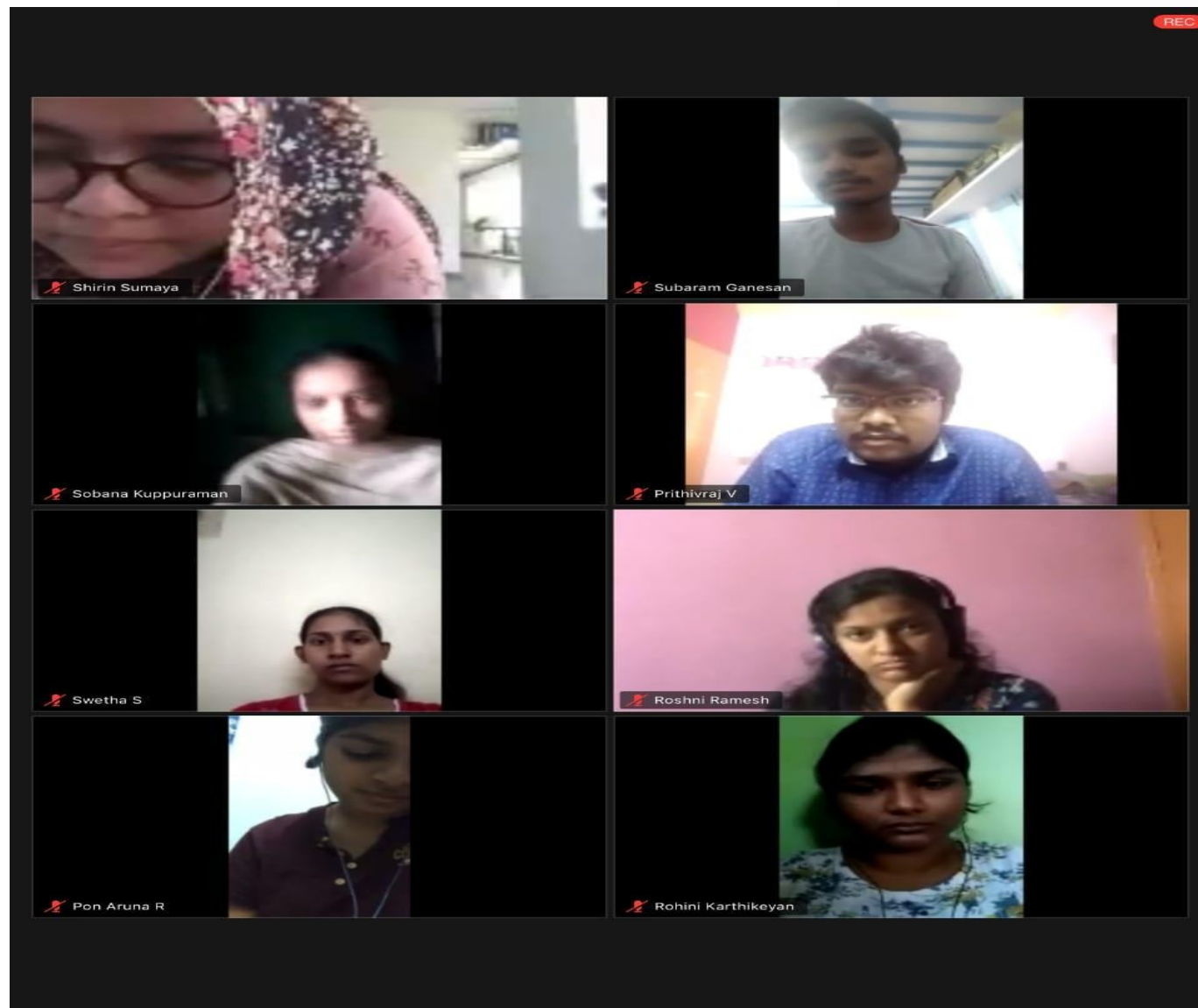
## Participant's screenshot



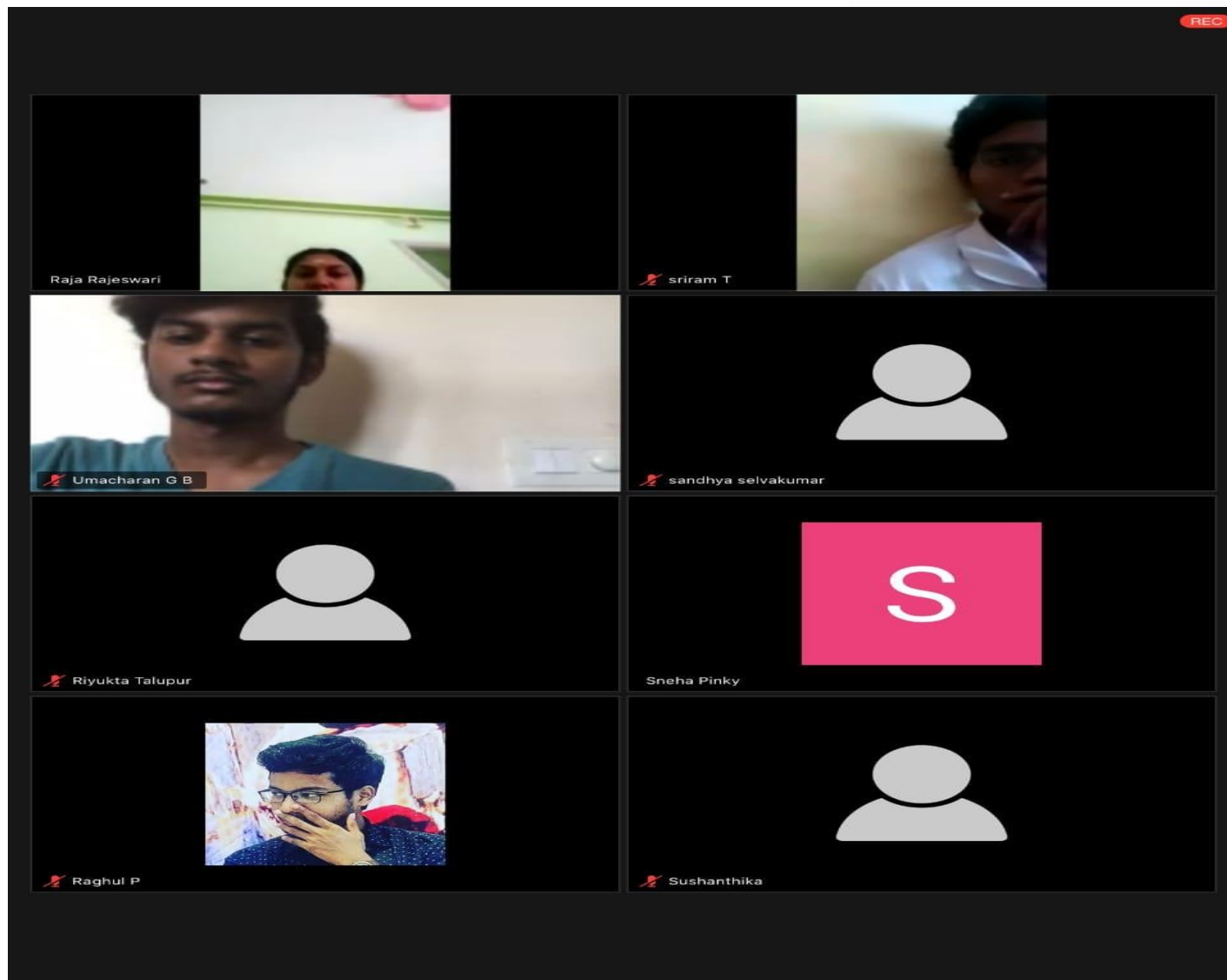

















## E-Learning Report for Theory and Practical classes for BDS II Year

<b>Date</b>	<b>15/05/2020</b>
<b>Subject</b>	<b>Preclinical Conservative</b>
<b>Department</b>	<b>Department of Conservative Dentistry and Endodontics</b>
<b>Time</b>	<b>08:30am</b>
<b>Name of the Faculty</b>	<b>Dr.Sreeram S R</b>
<b>Topic of the webinar</b>	<b>SEMINAR-Smear layer and Acid etching</b>
<b>No of students attended</b>	<b>45</b>
<b>E-Resource Platform</b>	
<b>Meeting ID</b>	<b>730 1227 1091</b>
<b>Password</b>	<b>Chettinad</b>


## TOPIC SLIDE

8:39 AM Fri 15 May


Leave

Zoom 08:39

Unmute Start Video Share Content Participants More



# SMEAR LAYER AND ACID ETCHING



R.Gokulakannan, II yr BDS;

Aug 2014  
Feb 2015

gokulakannan.r



## SLIDE IMAGES

8:47 AM Fri 15 May

Zoom 14:13

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### DENTIN ETCHING

- **Fusayama** introduced the total-etch concept in 1979.
  - both dentin and enamel are etched simultaneously, typically using 37% phosphoric acid-
  - **"TOTAL ETCH TECHNIQUE"**
  - removes smear layer which is clogged in the dentinal tubule and expose open dentinal tubules which can be filled with resin – thus the bond strength increases.
- A subsequent study -**Nakabayashi (1984)** revealed that hydrophilic resins can infiltrate the surface layer of acid-demineralized collagen fibers and it can form a layer of dentin with high cohesive strength – **HYBRID LAYER**.  
(Dentinal tubule clogged with smear layer)

unetched etched




8:40 AM Fri 15 May


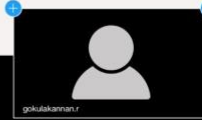
Zoom 07:37

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### WHAT!?

### SMEAR LAYER









































































Whenever both enamel and dentin tissues are mechanically cut, especially with a rotary instrument, a layer of adherent grinding debris and organic filin known as a **SMEAR LAYER** is left on their surfaces.

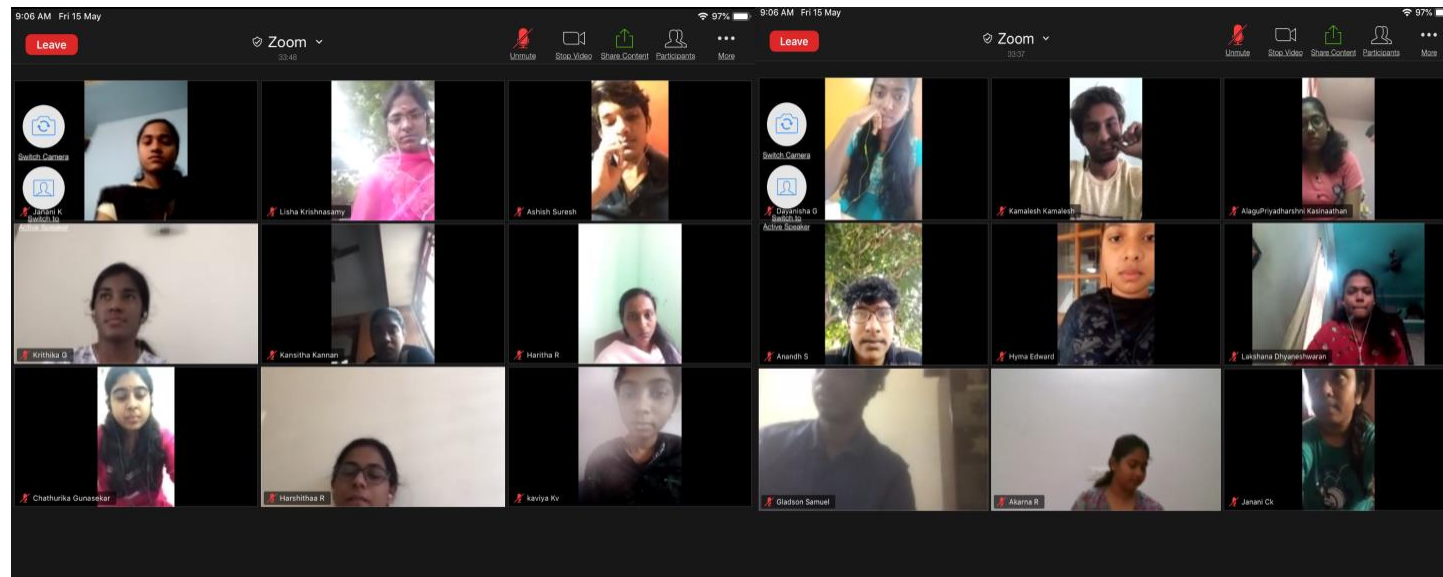
## PARTICIPANTS LIST

Participants (49)	Participants (48)	Participants (49)	Participants (49)
AR Akshya Ramanujam (me)	AK Anandhi K	DR Danie Rajasekar	GK Govartheni K A
G gokulakannan.r (Host)	AR Anupama R	d Dayanisha G	HR Haritha R
Afreen Hassan	AA AR anandhi	DN DEEPA NAGAPPAN	H Harshini N
Akarna R	A aravind	Deepika Balamurugan	HR Harshithaa R
A Aktshaya K	AS Ashifa S	DS Dr Sreeram SR	HE Hyma Edward
A AlaguPriyadharshni Kasina...	Ashish Suresh	GP Gayathri P	IK Imra Kaleel
AN Ameer Nisha	BP Bhavana Priyanka reddy	Gayathri Sathiyamoorthy	Janani Ck
AS Anandh S	C Chathurika Gunasekar	G Gladson Samuel	JK Janani K
Invite	Invite	Invite	Invite

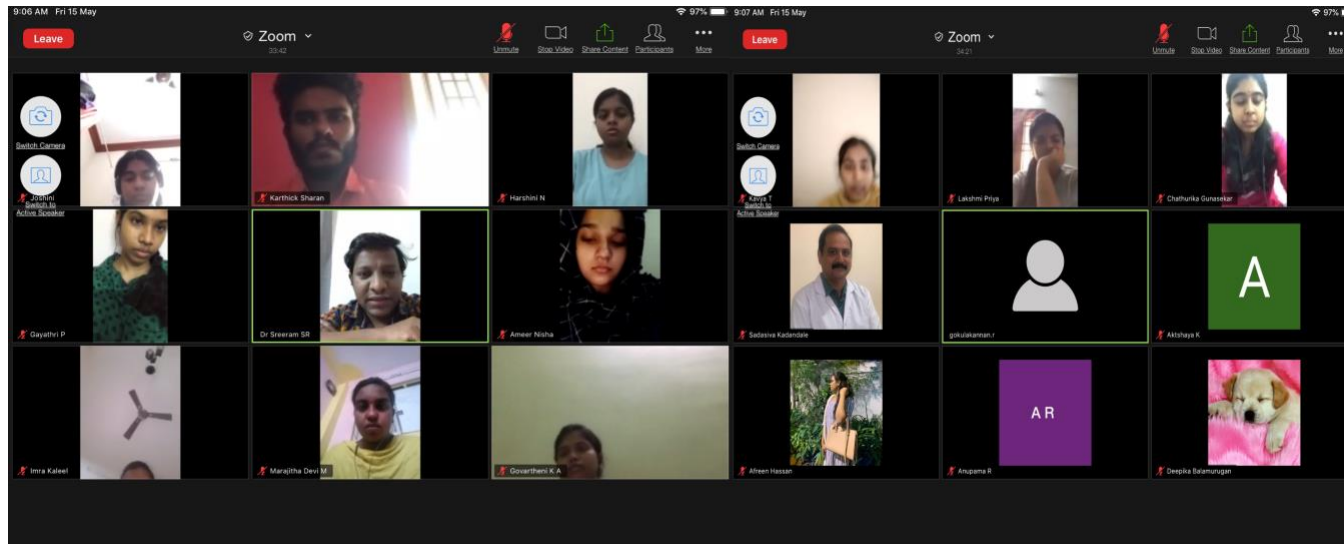
## PARTICIPANTS LIST

Participants (49)			Participants (49)			Participants (49)		
	Kamalesh Kamalesh	 		Lakshikha Sree	 		Lakshmi Priya	 
	Kansitha Kannan	 		Lakshmi Priya	 		Lincy Jenisha	 
	Karthick Sharan	 		Lincy Jenisha	 		Lisha Krishnasamy	 
	kaviya Kv	 		Lisha Krishnasamy	 		Lovisha Seles	 
	Kavya T	 		Lovisha Seles	 		Malavika Raja	 
	keerthigaa MP	 		Malavika Raja	 		Marajitha Devi M	 
	Krithika G	 		Marajitha Devi M	 		Sadasiva Kadandale	 
	Lakshana Dhyaneshwaran	 		Sadasiva Kadandale	 		Senthil Kumar Kumarappan	 
<a href="#">Invite</a>			<a href="#">Invite</a>			<a href="#">Invite</a>		

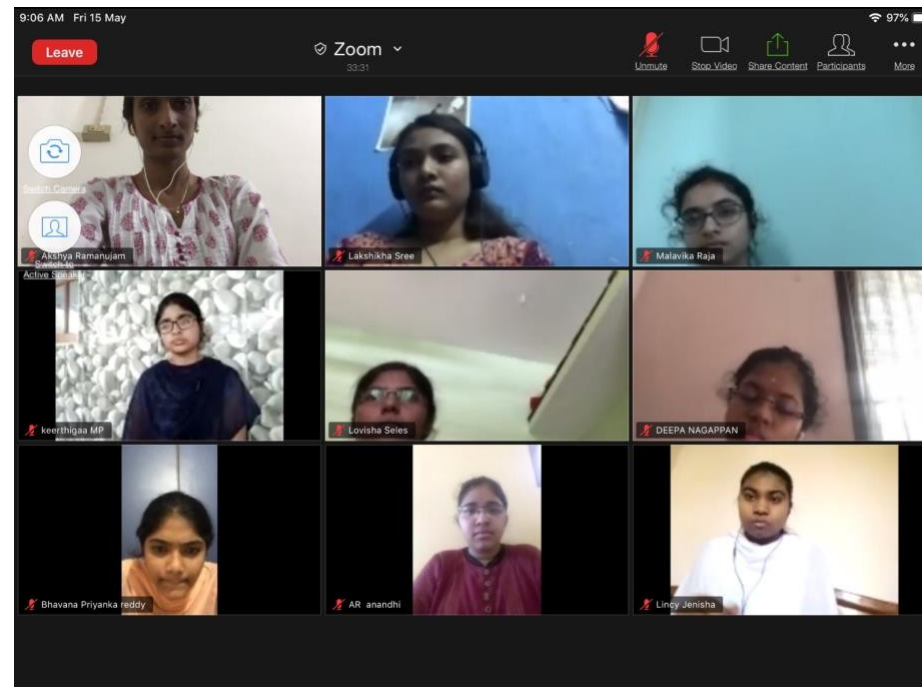
## VIDEO SLIDES




## VIDEO SLIDES



## VIDEO SLIDES
























## E – Learning Report for Theory and Practical Classes for BDS II Year

<b>Date</b>	<b>16.05.2020</b>
<b>Subject</b>	<b>Preclinical conservative</b>
<b>Department</b>	<b>Department of conservative dentistry and endodontics</b>
<b>Time</b>	<b>9.30am</b>
<b>Name of the Faculty</b>	<b>1.Dr.Sadasiva.K 2.Dr.Sreeram</b>
<b>Topic of the webinar</b>	<b>Viva-voce discussion and interaction session with the students</b>
<b>No of students attended</b>	<b>96</b>
<b>E-Resource Platform</b>	
<b>Meeting ID</b>	<b>73012271091</b>
<b>Password</b>	<b>Chettinad</b>



















## Participant's list

**Participants (100)**

PP	Padma Priyadarshi... (me)			
DS	Dr Sreeram SR (Host)			
	Ashish Suresh			
	Sadasiva Kadandale			
	Afreen Hassan			
	Akarna R			
AR	Akshya Ramanujam			
A	Aktshaya K			


















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**Participants (100)**

G	Gladson Samuel		
G	gokulakannan.r		
GK	Govartheni K A		
HR	Haritha R		
H	Harshini N		
HR	Harshithaa R		
HE	Hyma Edward		
IK	Imra Kaleel		






















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**Participants (100)**

A	AlaguPriyadharshni Kasi...		
AN	Ameer Nisha		
AS	Anandh S		
A	Anandhi Arunachalam		
AK	Anandhi K		
	Anupama R		
A	aravind		
AS	Ashifa S		




















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**Participants (100)**

	Lisha Krishnasamy		
LS	Lovisha Seles		
MR	Malavika Raja		
	Marajitha Devi M		
	Max Million		
	Monica Anbarasan		
	NANDHINI DEVI		
NA	Nathashri A		


















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**Participants (100)**

BP	Bhavana Priyanka reddy		
CG	Chathurika Gunasekar		
	Danie Rajasekar		
d	Dayanisha G		
DN	DEEPA NAGAPPAN		
	Deepika Balamurugan		
GP	Gayathri P		
	Gayathri Sathiyamoorthy		


















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**Participants (100)**

KK	kaviya Kv		
KT	Kavya T		
k	keerthigaa MP		
KC	Krithika G		
L	Lakshana Dhyaneswaran		
LS	Lakshikha Sree		
	Lakshmi Priya		
L	Lincy Jenisha		

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**Participants (100)**

N	Niranzan N		
P	Pavithra.M		
PI	Perarivalan I		
PA	Pon Aruna R		
	Pooja Ravi		
PV	Prithivraj V		
P	Priya Sriram		
	Priyadharshini. C		

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**Participants (100)**

	Janani Ck	 
	Janani J	 
	Janani K	 
	Jay ram	 
	Joshini.M	 
	Kamalesh Kamalesh	 
	Kansitha Kannan	 
	Karthick Sharan	 

























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**Participants (100)**

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SR	Sinduja R		
SP	siva priya B		
	Sneha M.S.		
SK	Sobana Kuppuraman		
ST	sriram T		
	Subaram Ganesan		
S	Subashini K		

















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**Participants (100)**

	Raghul P	 
	Raja Rajeswari	 
	Rakshana	 
	Rekha Dillibabu	 
	Ria Parashar	 
	Rishi Bala	 
	Riyukta Talupur	 
	Rohini Karthikeyan	 


















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**Participants (100)**

RR	Roshni Ramesh		
P	S.Priya Dharshini		
SF	S.Shahnaz Fathima		
S	Sandhya		
SS	sandhya selvakumar		
S	Sangetha Mahendran		
SN	Sanjna Narendran		
S	Saraswathy Selvam		



















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**Participants (100)**

SK	Sobana Kuppuraman		
ST	sriram T		
	Subaram Ganesan		
S	Subashini K		
SR	Sugi Rathna		
	Sujith Supradeep		
S	Sushanthika		
SK	Suweadha K		

























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**Participants (100)**

SL	Sathyapriya L		
S	Shirin Sumaya		
	Shreya Subramanian		
SS	Sindhuja Sri		
SR	Sinduja R		
SP	siva priya B		
	Sneha M.S.		
SK	Sobana Kuppuraman		

[Invite](#)
























**Participants (100)**

	Saraswathy Selvam		
	Sathyapriya L		
	Senthil Kumar Kumarapp...		
	Shirin Sumaya		
	Shreya Subramanian		
	Sindhuja Sri		
	Sinduja R		
	siva priya B		

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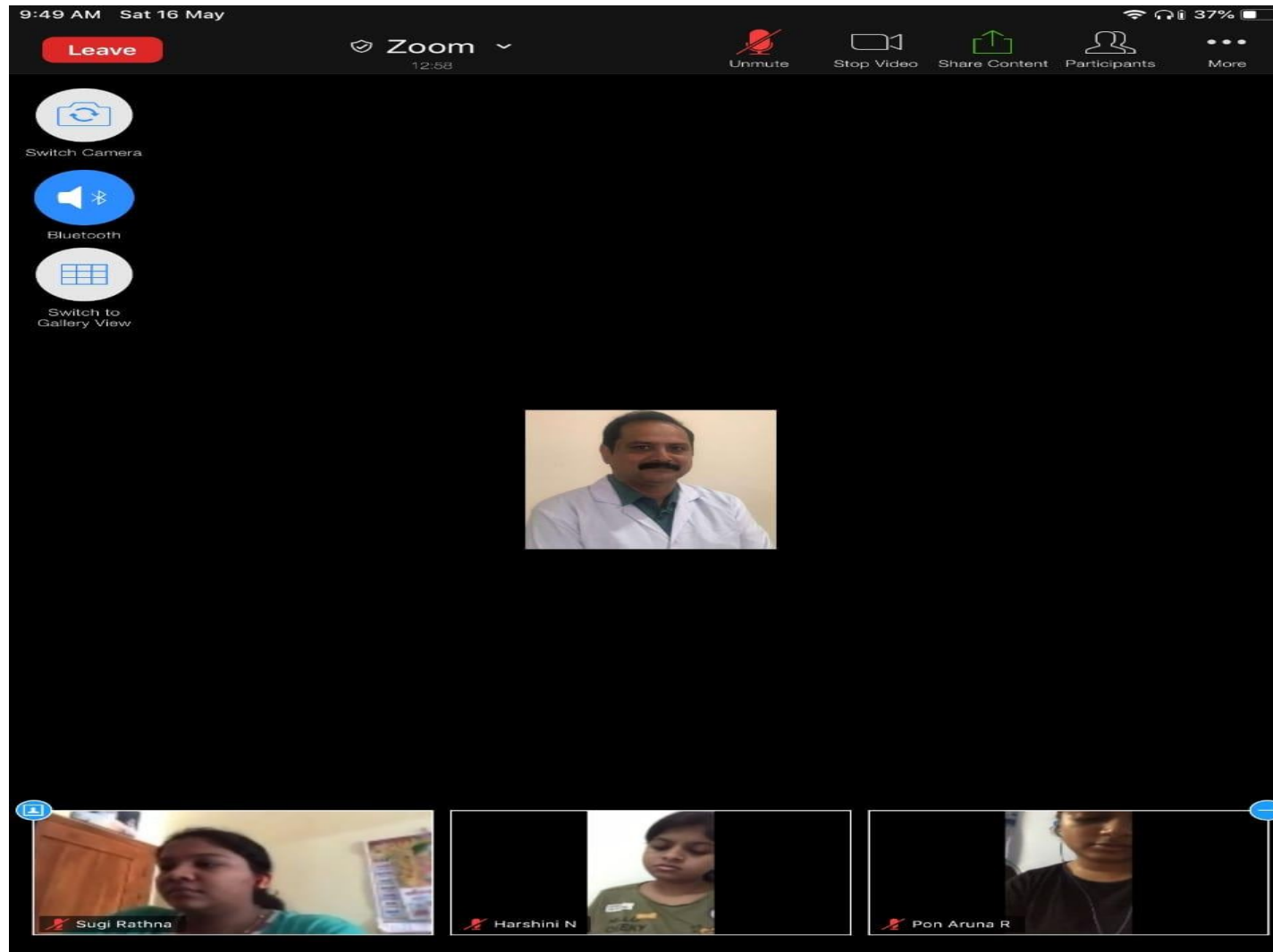


**Participants (100)**

	Sujith Supradeep	 
	Sushanthika	 
	Suweadha K	 
	Swetha S	 
	Swethaa Ravichandran	 
	Udhuma Shabika S	 
	Umacharan G B	 
	Sneha Pinky	

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## Participant's screenshots



9:55 AM Sat 16 May

Zoom 19:28

Leave

Unmute Stop Video Share Content Participants More

Switch Camera

Bluetooth

Switch to Active Speaker

Ilina Gunasekar

sandhya selvakumar

Suweadha K

Sangeetha Mahendran

Pon Aruna R

Akshya Ramanujam

Udhuma! Shabika S

Dr Sreeram SR

9:40 AM Sat 16 May

**Leave** Zoom 04:34

Unmute Stop Video Share Content Participants More

Switch to Active Speaker

Bluetooth

prakashkannan.r

Udhuma! Shabika S

Priyadharshini. C

Kansitha Kannan

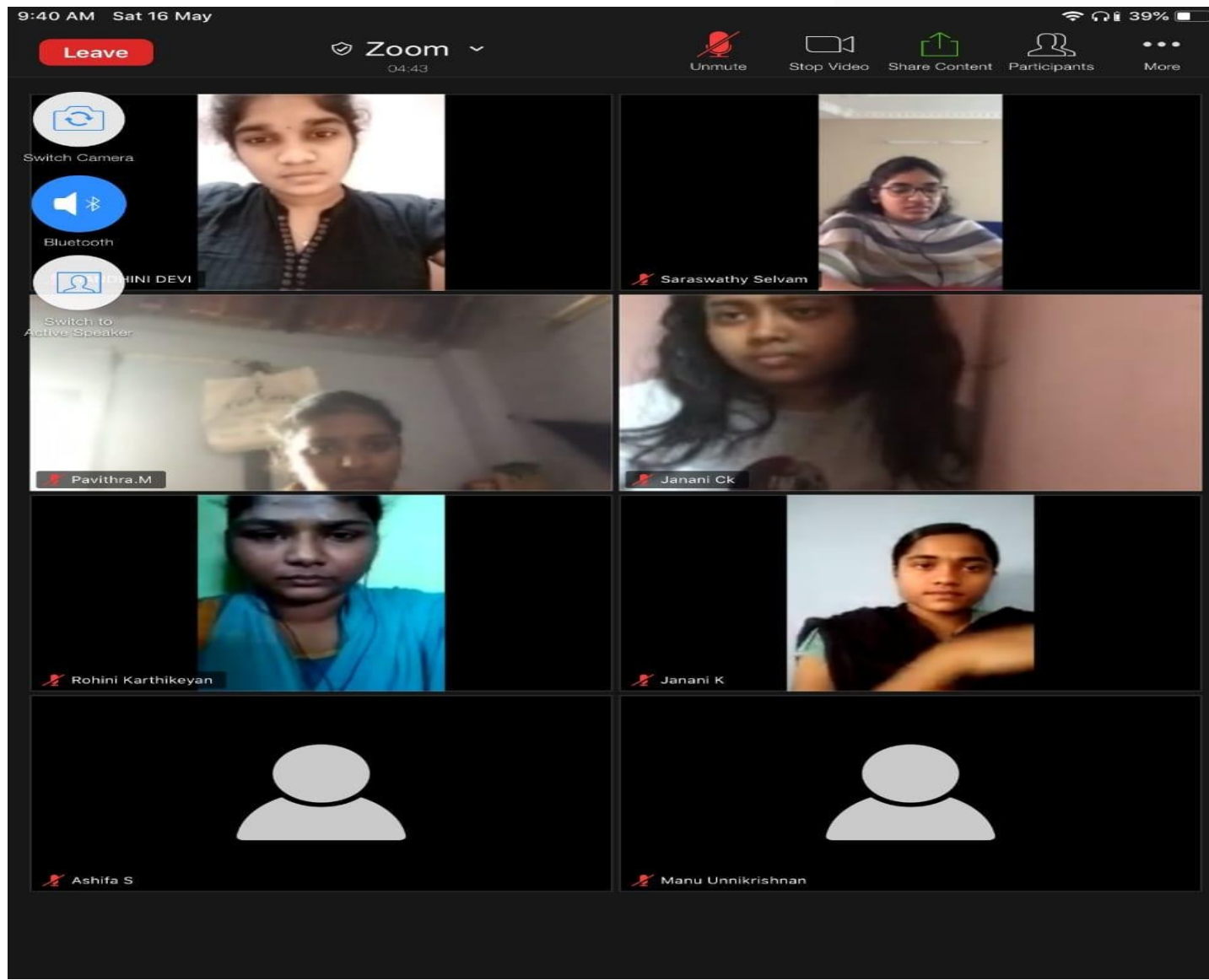
Prithivraj V

Roshni Ramesh

Lisha Krishnasamy

Janani J



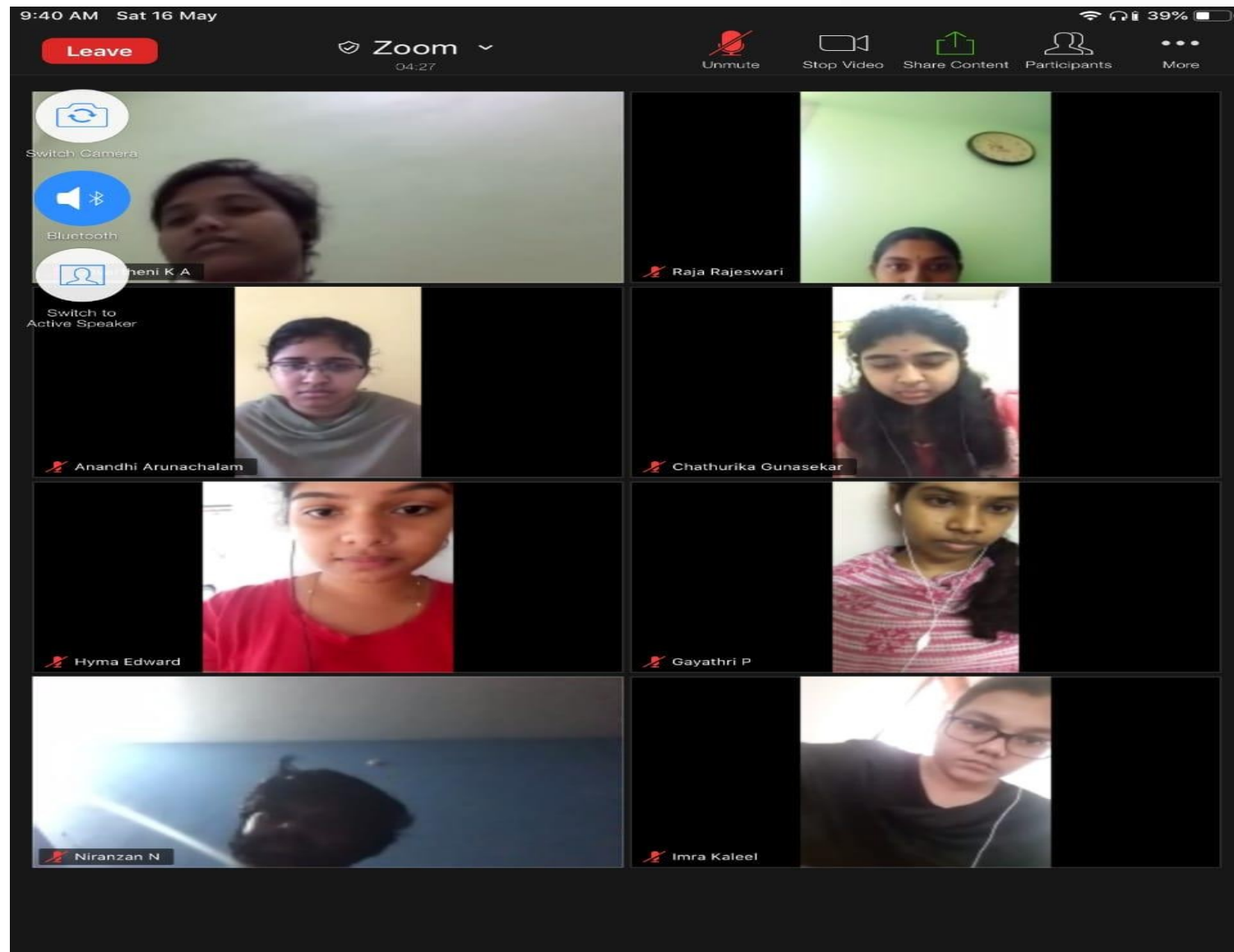


















9:40 AM Sat 16 May

Zoom 04:07

Leave

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Switch Camera

Bluetooth

Switch to Active Speaker

Rishika R

Lakshikha Sree

Rishi Bala

Sinduja R

Ria Parashar

Anandh S

Lakshana Dhyaneswaran

AlaguPriyadharshni Kasinaathan