



DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

E-Teaching/Learning sessions for

FINAL YEARS

(25.05.2020- 30.05.2020)

THEORY CLASS

S.NO	DATE	TOPIC	PRESENTER	FACULTY	STUDENTS ATTENDED
1.	25.05.20	Space regaining	Dr. Revanth kumar	Department of orthodontics	05
2.	26.05.20	Other tooth displacements	Dr. Vishanth		09
3.	27.05.20	Model analysis – part II	Dr. Nivethitha		84
4.	27.05.20	Case discussion	Dr. Sushmitha		07
5.	28.05.20	Functional analysis	Dr. Janani		07
6.	29.05.20	Transient malocclusion	Dr. Padmajee		07
7.	30.05.20	Frankel appliance	Dr. Abinandhan		07



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THEORY CLASS

S.NO	DATE	TOPIC	PRESENTER	FACULTY	NO.OF STUDENTS ATTENDED
1.	25.05.20	Space regaining	Dr. Revanth	Department of orthodontics	06

25.05.2020

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Close Participants (16)

Search

SR	Subhashini Raju (me)	  >
	Nivethitha Bhaskar (host)	  >
	Revanth Kumar	  >
	Achsah Evangelin	  >
	Annamalai Orthodontist	  >
D	Dharunya	  >
J	Janani	  >
	M Abinandhan	  >
	P vishanth	  >
	Padmajee Selvaraj	  >
RG	R Gokul rai	  >

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Close Participants (16)

	Dharunya	  >
J	Janani	  >
	M Abinandhan	  >
	P vishanth	  >
	Padmajee Selvaraj	  >
RG	R Gokul raj	  >
	Shanmugavelu S	  >
SJ	Sonu Jain	  >
SR	Sriharika Raavi	  >
	Sriman Vishnu	  >
	SUSHMITHA RAM	  >

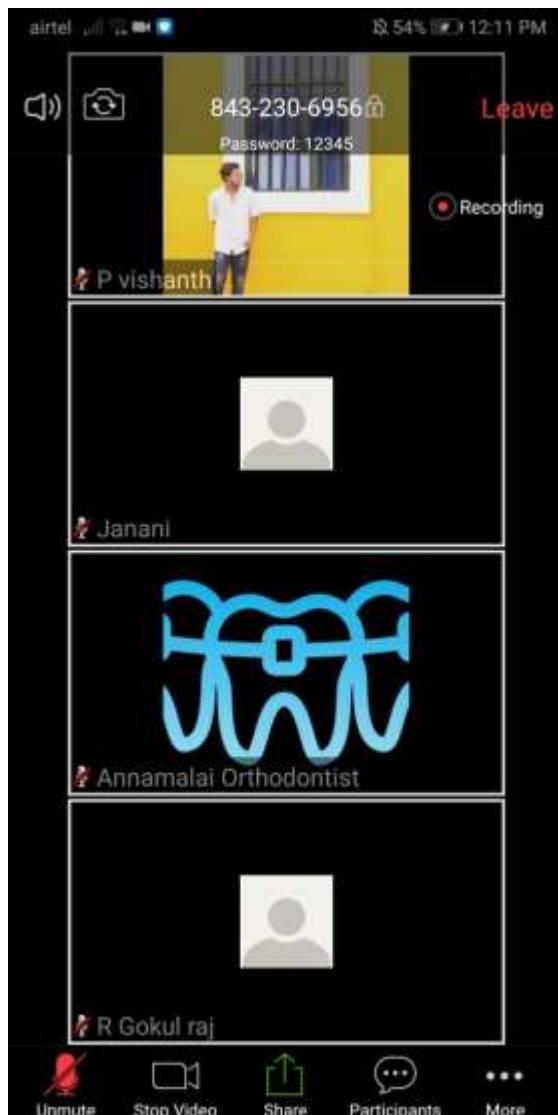
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TOPIC	STUDENTS ATTENDED
Anchorage and expansion	04

25/6/20

1) Rapid Maxillary Expansion: (RME)

* Rapid maxillary expansion is also known as the rapid palate / Split palate.

* It is a skeletal type of expansion that involves the separation of mid-palatal surface and the movement of maxillary shelves away from each other.

Indications:

* Posterior crossbite associated with real / relative maxillary deficiencies.

* Class III malocclusion of dental or skeletal cause.

* Cleft palate patient with collapsed maxillary arch.

* In cases during face mask therapy, rapid maxillary expansion is used along with face mask to

25/5/20

Topic: Anchorage and Expansion

① Short Notes:

① R.M.E (Rapid Maxillary Expansion)

Other names:

→ Rapid palatal expansion

→ Split palate

Functions:

Skull expansion



separation of mid
palatal suture



away from each other



This expansion should be done
prior to the ossification of
sutures

25/5/2020.

1. Classification of expansion appliances.

- Orthodontic (or) dental expansion.
- Orthodontic (or) skeletal expansion.
- Passive expansion

According to the rate

- Rapid
- Slow

According to type of expansion

- Orthodontic
- Orthopedic.
- Passive.

According to direction.

- Anterior
- Posterior
- unilateral
- Bilateral
- 3-dimensional

On the Basis of the type.

- Removable
- Semifixed
- Fixed.

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**Theory
Class**

S.No	Date	Seminar topic	Presenter	Faculty	No of students participated
1	26.05.2020	Other tooth displacements	Dr. Vishanth	Dept of Orthodontics	09

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Close **Participants (19)**

  Padmajee Selvaraj   >

 PA Prema Anbarasu   >

 RG R Gokul raj   >

 Revanth Kumar   >

 Saravanakumar Subramani...   >

 Shanmugavelu S   >

 SJ Sonu Jain   >

 SR Sriharika Raavi   >

 SUSHMITHA RAM   >

 Thouseef Ahmed   >

 Yamini Jeyaraj   >

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 SR Subhashini Raju (me)   >

 Nivethitha Bhaskar (host)   >

 R Redmi   >

 Aamina Afra   >

 Achsah Evangelin   >

 J Janani   >

 MA M Aakifa   >

 M Abinandhan   >

 Padmajee Selvaraj   >

 PA Prema Anbarasu   >

 RG R Gokul raj   >

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Prema Anbarasu

R Gokul raj

Saravanakumar Subramanian

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Sonu Jain

Nivethitha Bhaskar

ACHSAH EVANGELIN

Annamalai Orthodontist

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M Aakifa

Sonu Jain

Thouseef Ahmed

Padmajee Selvaraj

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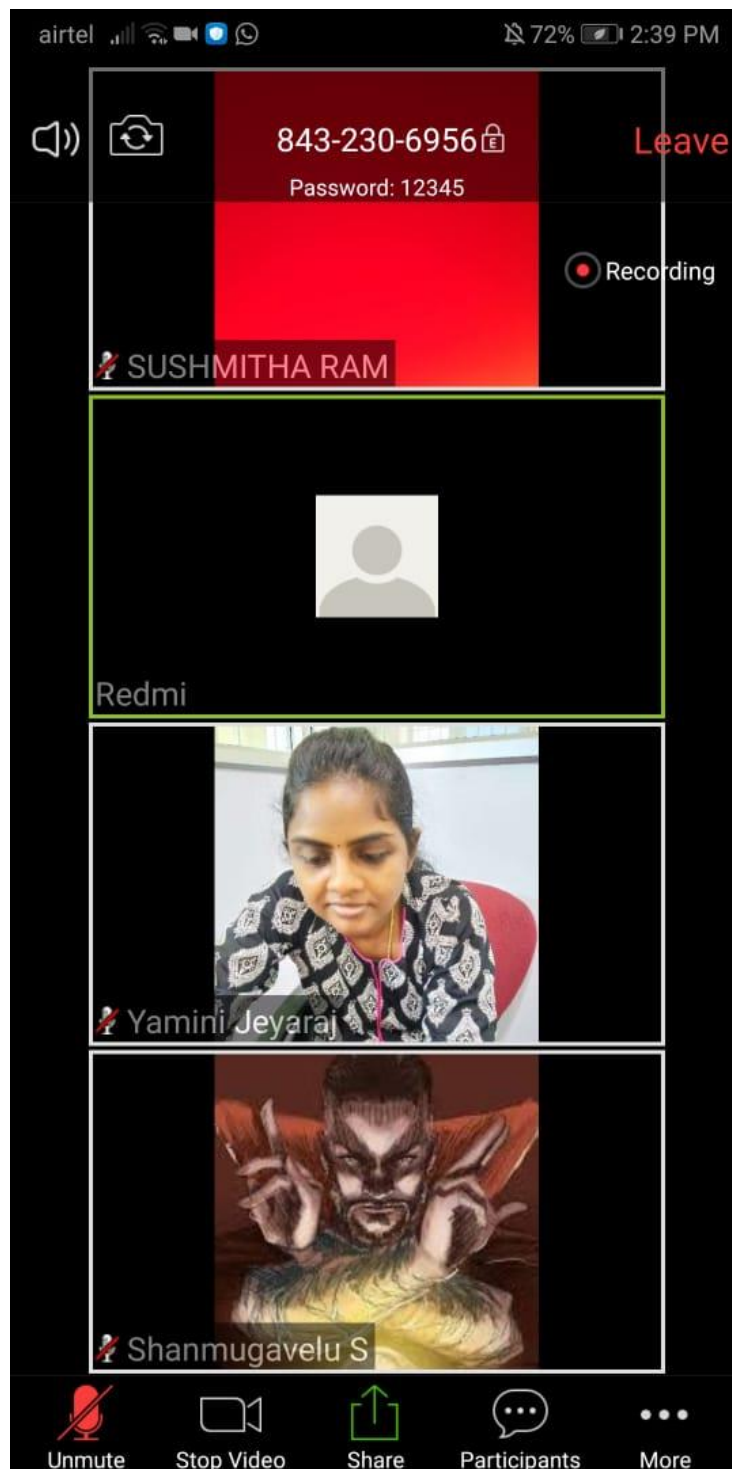
Shanmugavelu S

M Abinandhan

Padmajee Selvaraj

Sonu Jain

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26.05.2020

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TOPIC	STUDENTS ATTENDED
Model analysis	06

3. Kesling diagnostic ~~first~~ set up

Individual teeth and associated alveolar process
simulate the various planned tooth movement.

Not necessary to coordinate with cephalometric
tracing.

Allowance for anchorage loss

It is a supplemental diagnostic aid.

Practical aid in treatment planning.

Derive maximum clinical information.

A set of trimmed & polished casts

Comprehensive data:

case history

clinical examination

study casts

Radiographs

photographs.

24/5/20

Topic: Model Analysis:

Short Notes:

① Uses of study model:

- Study occlusion from all aspects
- To measure arch length, width and tooth size
- Used to make accurate measurements
- To determine treatment progress
- Helps to motivate patients and parents
- To assess severity of disease
- Used for good communication and follow up of treatment by other dentist

Parts of study model:

① Anatomic portion

Soft tissue portion

Tooth portion

② Artistic portion

Stone base supporting
Anatomic portion



26/5/2020

1. Parts of study model, & uses

ANATOMIC PORTION.

↳ Actual impression of dental arch & its surrounding.

ARTIFICIAL PORTION.

↳ consists of the plaster base that supports the anatomic portion & helps in analysing the occlusion & orientation of the study models.

Ratio - 8:1

uses:

- To assess & record the dental anatomy
- Record intercuspation.
- Record arch form.
- To carry out various space analysis
- To record curves of occlusion.
- To measure progress during treatment.

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**Theory
Class**

S.No	Date	Theory class topic	Faculty	Faculty present	No of students participated
1	27.05.2020	Model analysis – part 2	Dr. Nivedhitha	Dept of Orthodontics	84

27.05.2020

Close **Participants (90)**

 Ragavi vijayan   >

 Rakshanaa Jeevan   >

 Ram Prasath   >

 Ramu   >

 Ranjani Srinivasan   >

 Sai Aditiya   >

 sanjana   >

 Santra Joseph   >

 Saravanakumar Subramani...   >

 Sathiya Ganesan   >

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Close **Participants (89)**

 Naafia Fathima   >

 Namarrathaa Sre   >

 Nawin subhaganesh   >

 Neha Naomi   >

 Nehrthika Kumaresan   >

 P Agalya   >

 Padmajaa Krishnan   >

 Padmajee Selvaraj   >

 Pavithra lakshmi N   >

 Pavithra Rajkumar   >

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Close Participants (91)

Search

P	prasanth (me)	  >
	Nivethitha Bhaskar (host)	  >
	Aamina Afra	  >
	Achsah Evangelin	  >
AK	Adithi Karthik	  >
	Akshayaa Shankar	  >
	Annamalai Orthodontist	  >
AR	Anusha R	  >
A	Archana.S	  >

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GP	Gowtham PD	  >
	H. Pavithra	  >
	Harini Prabha	  >
	Harish P	  >
HR	Harish Raghav	  >
	Hema Suresh	  >
J	Janani	  >
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	Jayabalan C	  >

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Close **Participants (91)**

A	Archana.S	
	Arunachalesh Anbazhagan	
a	Ateeq Ahamed	
B	Balaji's iPhone	
	Balan Edward	
C	Chandhni's iPhone	
	Deepika R M	
DB	Dhanesh Bala	
D	Dharunya	
GB	Gautham B	

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SS	Sruthi S	
SK	Suba Keerthi	
	Subashini Natarajan	
SV	Sureka Varatharaj	
	Surya Nandakumar	
	SUSHMITHA RAM	
TS	Tamil Selvan	
	Thouseef Ahmed	
VV	Varshini Venkat	
VJ	Vikneshwari Jayabalan	

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TS Tamil Selvan

Thouseef Ahmed

VV Varshini Venkat

VJ Vikneshwari Jayabalan

VJ Vikraman J

VM Vishalini Mohan

Vishnu Kumar

Yamini Jeyaraj

Yuvarani Muthu Kumar

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Pavithra RathinaSwamy

P Prabhavathi.s

PA Prema Anbarasu

Priya Darshini

P Priyanga.V

Ragavi vijayan

R Rakshanaa Jeevan

Ram Prasath

R Ramu

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Saravanakumar Subramani...

SG Sathiya Ganesan

SN Shindhuja N

SS Shivani Sivaramakrishnan

shruthi priya

SR Shweta Ranjith

Sneha D

Sophia srikanth

Sowmya Natarajan

SS Sruthi S

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Subashini Natarajan

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Surya Nandakumar

SUSHMITHA RAM

TS Tamil Selvan

Thouseef Ahmed

VV Varshini Venkat

VJ Vikneshwari Jayabalan

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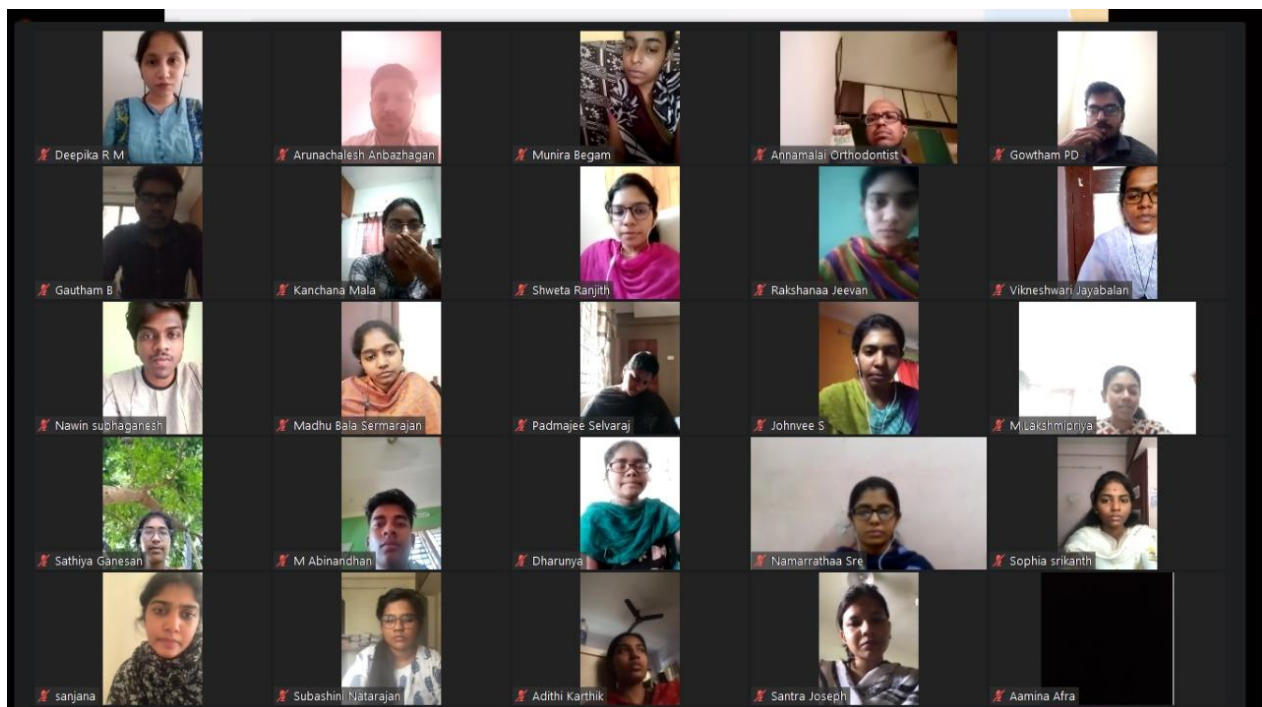
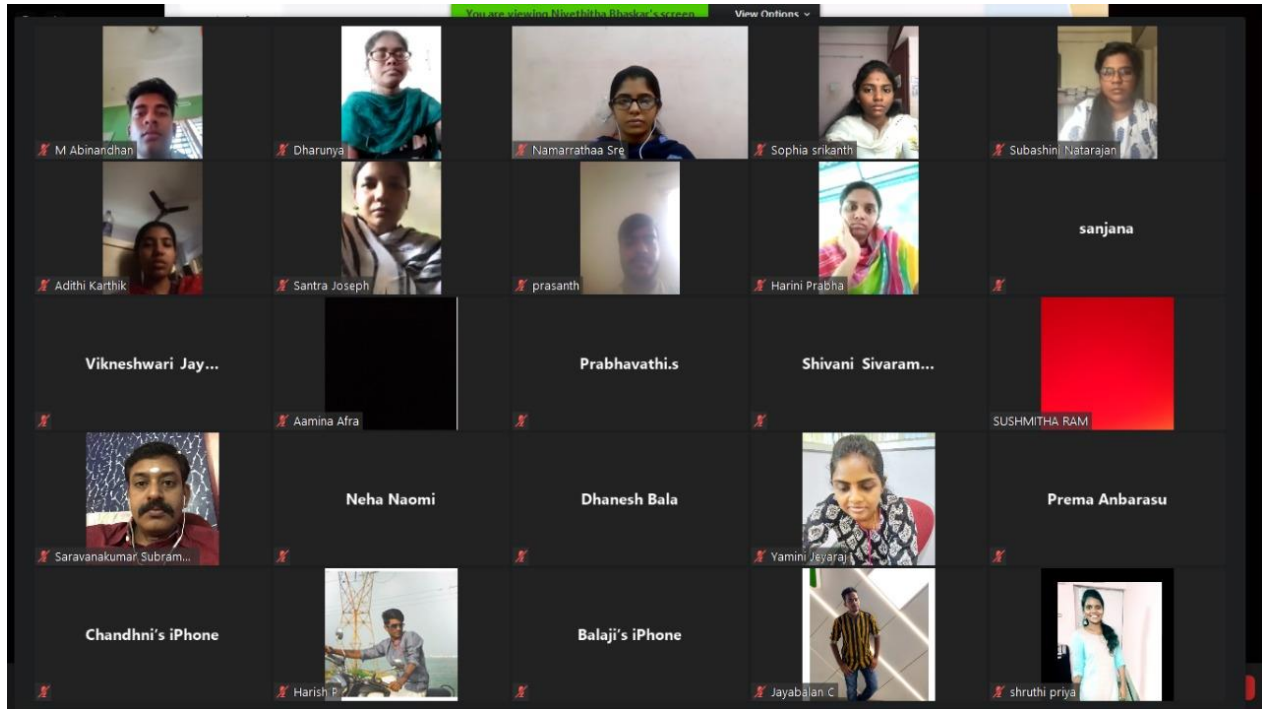
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Close **Participants (91)**

	Archana.S	  
	Arunachalesh Anbazhagan	  
	Ateeq Ahamed	  
	Balaji's iPhone	  
	Balan Edward	  
	Chandhni's iPhone	  
	Deepika R M	  
	Dhanesh Bala	  
	Dharunya	  
	Gautham B	  

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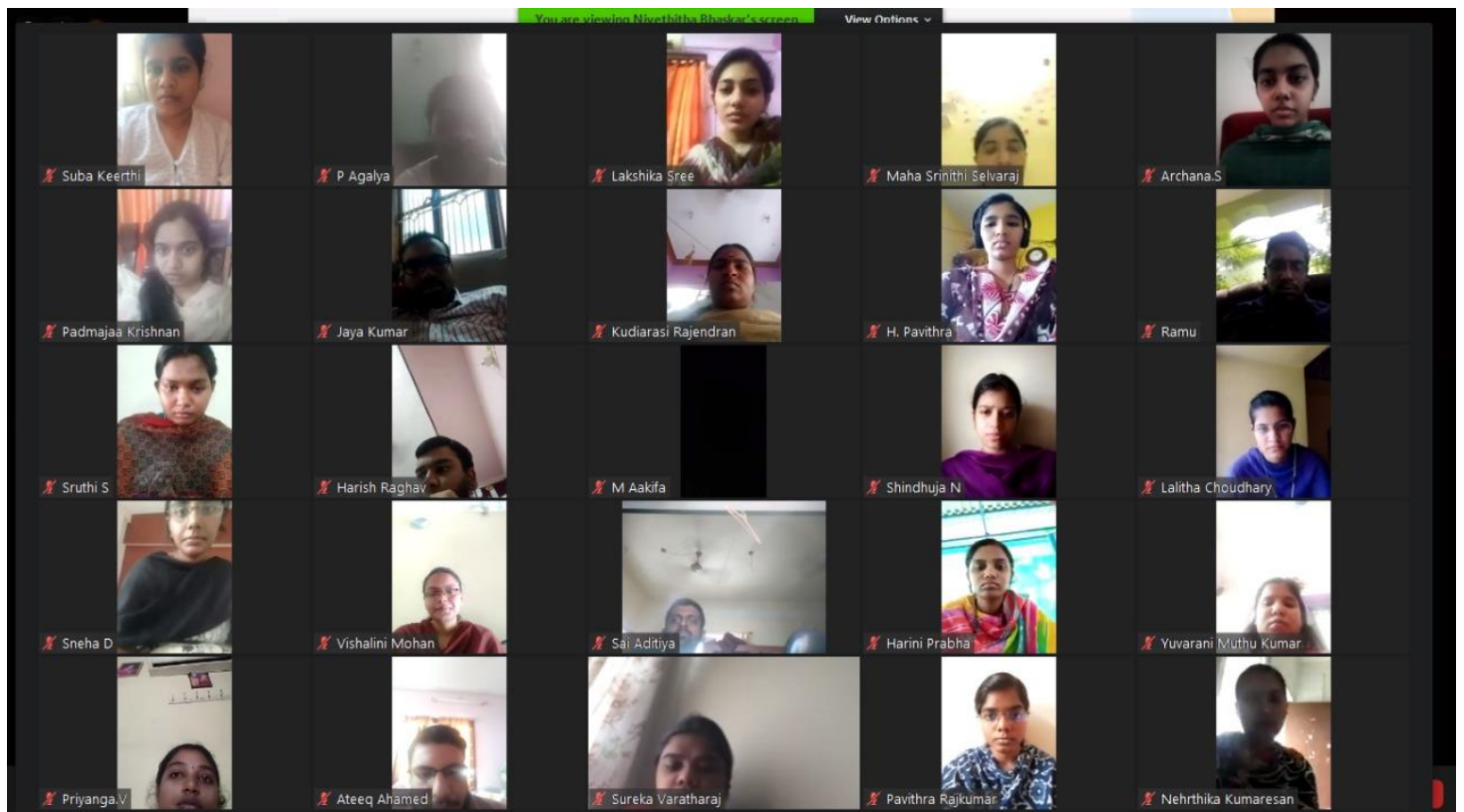
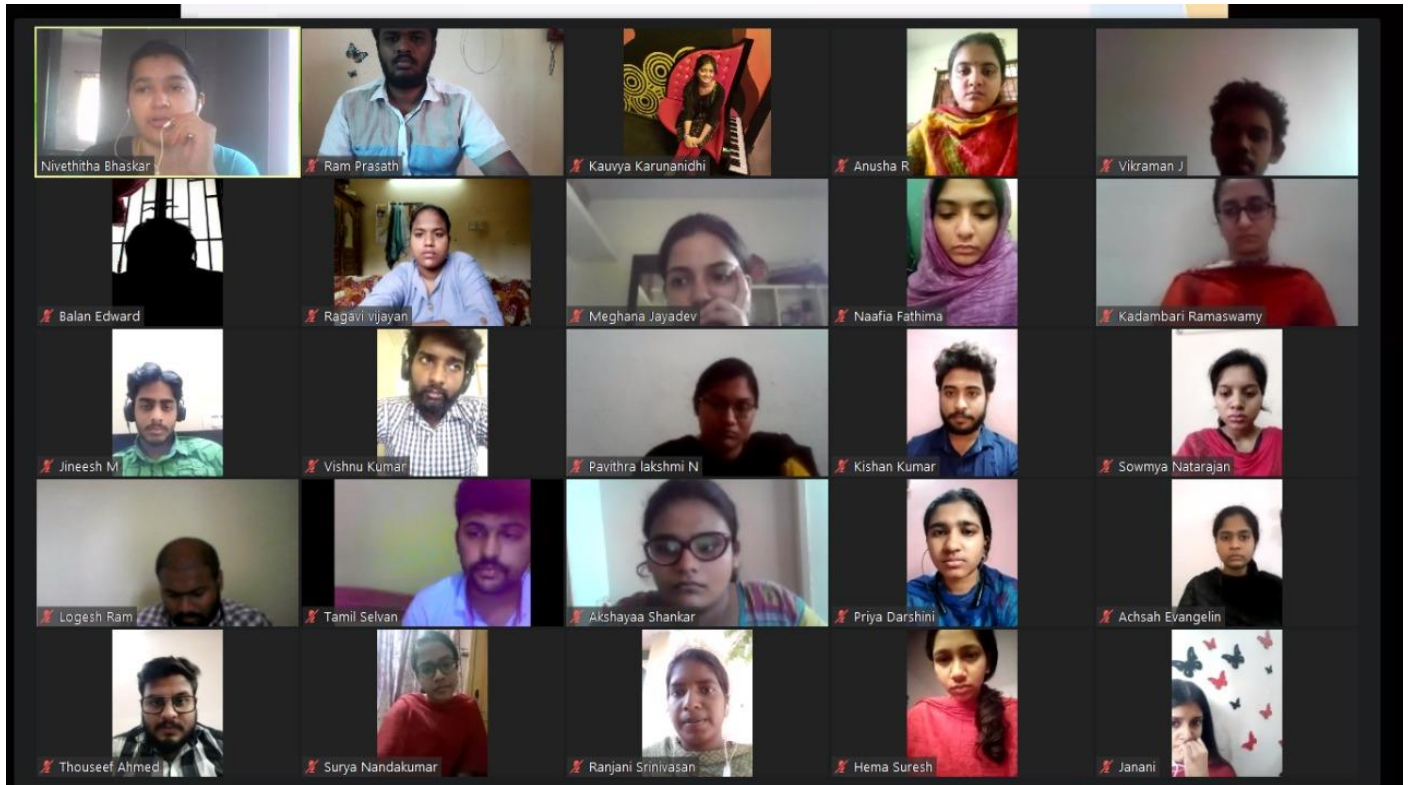
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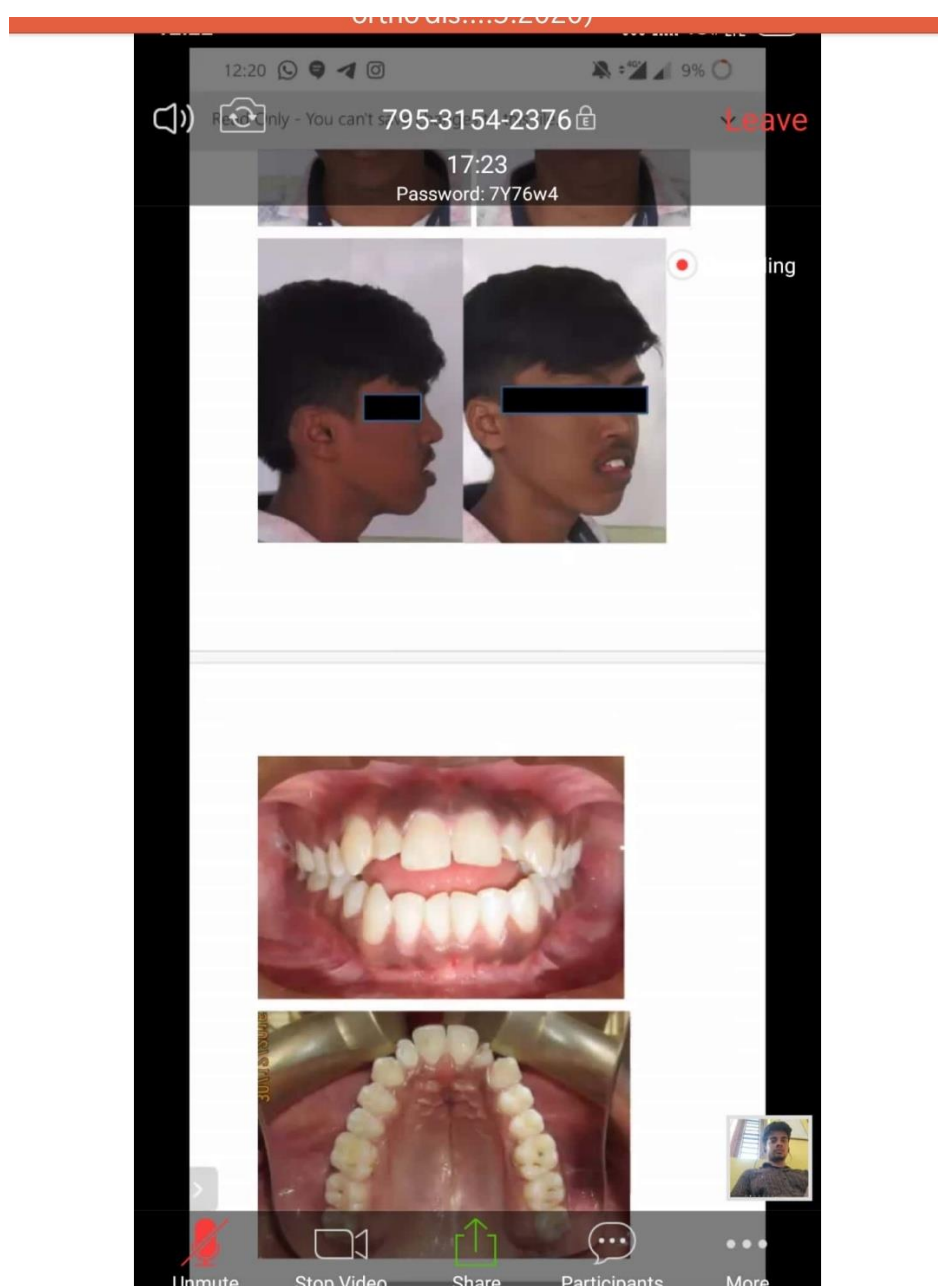
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**CLINICAL
DISCUSSION**

S.No	Date	Clinical discussion	Faculty	Faculty present	No of students participated
1	27.05.2020	Case discussion	Dr. Sushmitha	Dept of Orthodontics	07

27.05.2020



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Close **Participants (19)**

 Padmajee Selvaraj 

 PA Prema Anbarasu 

 RG R Gokul raj 

 Revanth Kumar 

 Saravanakumar Subramani... 

 Shanmugavelu S 

 SJ Sonu Jain 

 SR Sriharika Raavi 

 SUSHMITHA RAM 

 Thouseef Ahmed 

 Yamini Jeyaraj 

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 R Redmi 

 Aamina Afra 

 Achsah Evangelin 

 J Janani 

 MA M Aakifa 

 M Abinandhan 

 Padmajee Selvaraj 

 PA Prema Anbarasu 

 RG R Gokul raj 

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Prema Anbarasu

R Gokul raj

Saravanakumar Subramanian

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Redmi

Yamini Jeyaraj

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CLINICAL DISCUSSION**

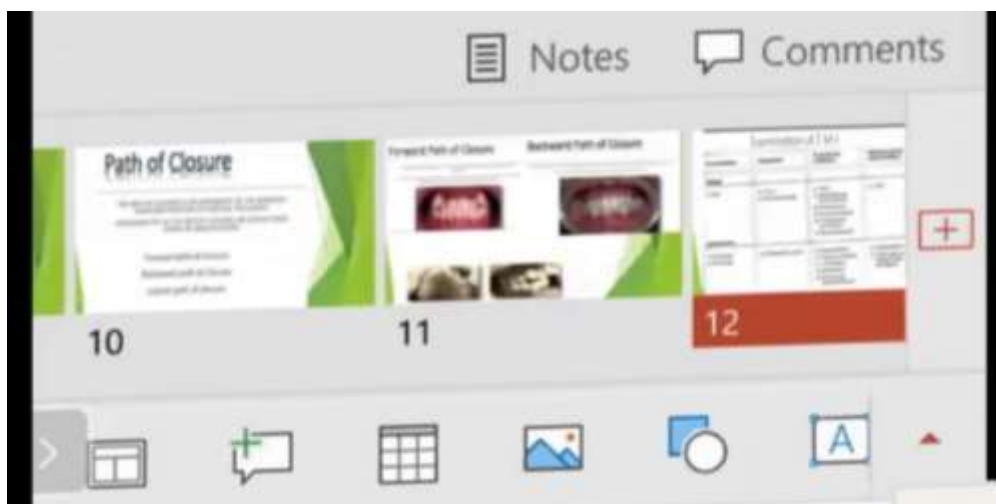
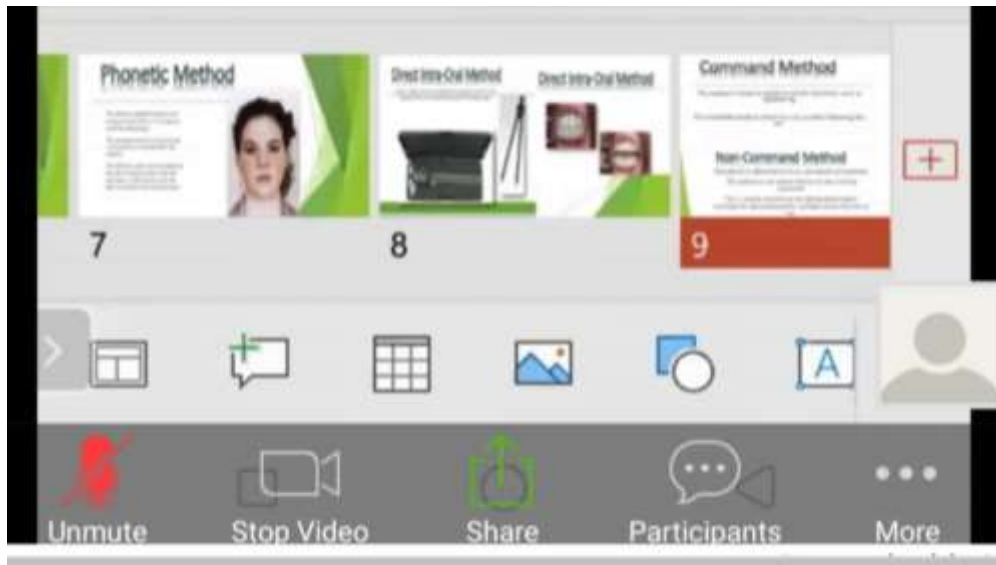
S. NO	DATE	TOPIC	PRESENTER	FACULTY	NO.OF STUDENTS ATTENDED
1.	28.05.20	Functional analysis	Dr. Janani	Department of orthodontics	07

28.05.2020



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  Padmajee Selvaraj   >

 PA Prema Anbarasu   >

 RG R Gokul raj   >

 Revanth Kumar   >

 Saravanakumar Subramani...   >

 Shanmugavelu S   >

 SJ Sonu Jain   >

 SR Sriharika Raavi   >

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 Nivethitha Bhaskar (host)   >

 R Redmi   >

 Aamina Afra   >

 Achsah Evangelin   >

 J Janani   >

 MA M Aakifa   >

 M Abinandhan   >

 Padmajee Selvaraj   >

 PA Prema Anbarasu   >

 RG R Gokul rai   >

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S. NO	DATE	TOPIC	PRESENTER	FACULTY	NO.OF STUDENTS ATTENDED
1.	29.05.20	Transient malocclusion	Dr. Padmajee	Department of orthodontics	07

29.05.2020

[Close](#) **Participants (27)**

	Saravanakumar Subram...	 
	Shanmugavelu S	 
	Sonu Jain	 
	Sriharika Raavi	 
	Sriman Vishnu	   
	Subhashini Raju	 
	Thouseef Ahmed	 
	Yamini Jeyaraj	 

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[Close](#) **Participants (27)**

	Aamina Afra (me)	 
	SUSHMITHA RAM (Host)	 
	Padmajee Selvaraj	 
	Annamalai Orthodontist	 
	Deepthika.B	 
	Dharshini P	 
	Dharunya	 

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[Close](#) **Participants (27)**

	Gayathri Namadevan	 
	M Aakifa	 
	M Abinandhan	 
	Nivethitha Bhaskar	 
	P vishanth	 
	Prema Anbarasu	 
	R Gokul raj	 
	Revanth Kumar	 

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Participants (27)

-  Dhiviya.N  
-  dhwarka mai jagatheesh  
-  Divya Bharathi  
-  Divya Dharshini  
-  Gayathri Namadevan  
-  M Aakifa  
-  M Abinandhan  
-  Nivethitha Bhaskar  

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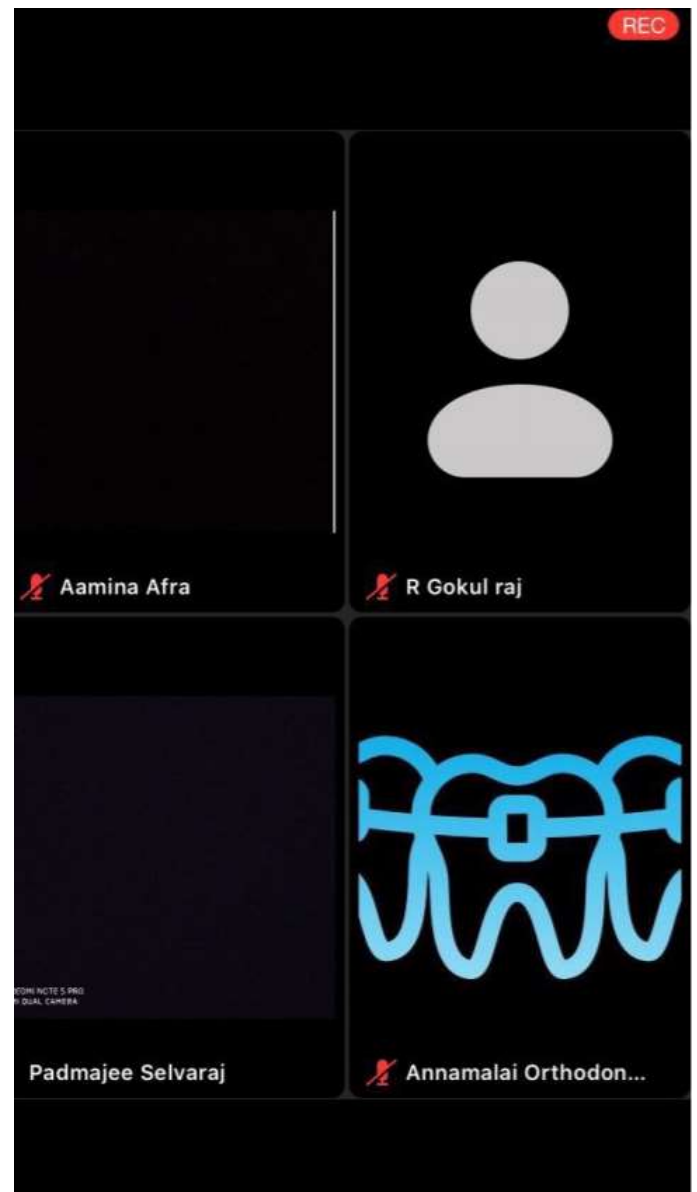
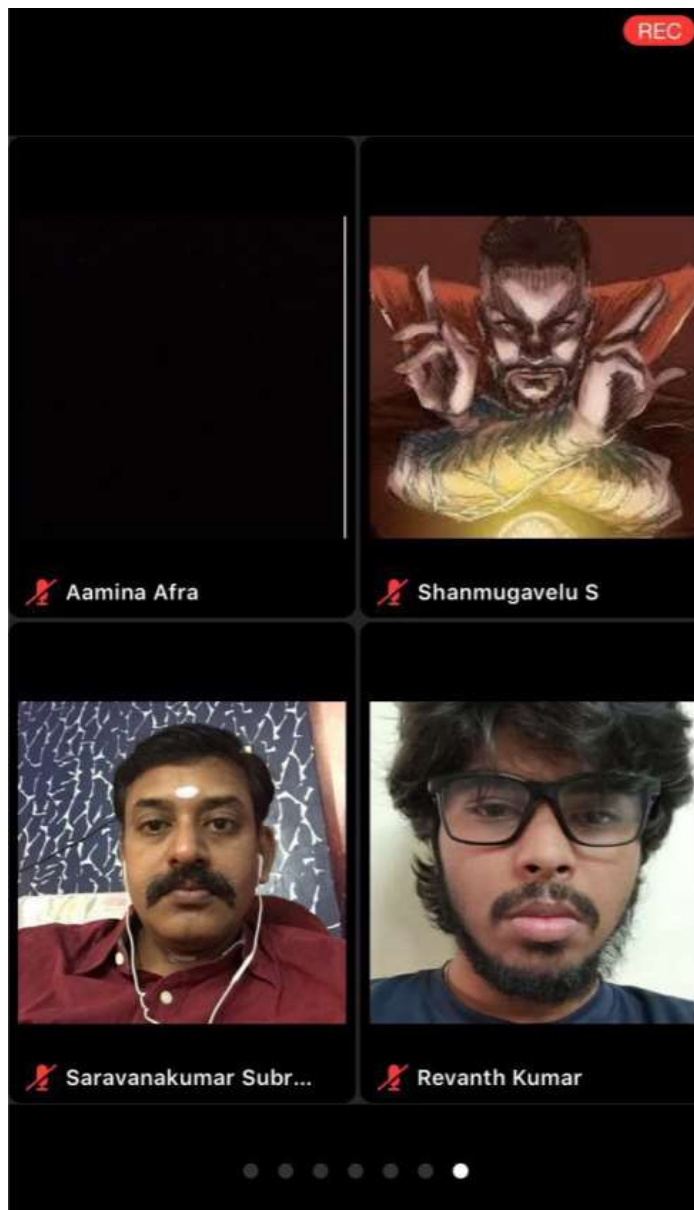
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Participants (28)

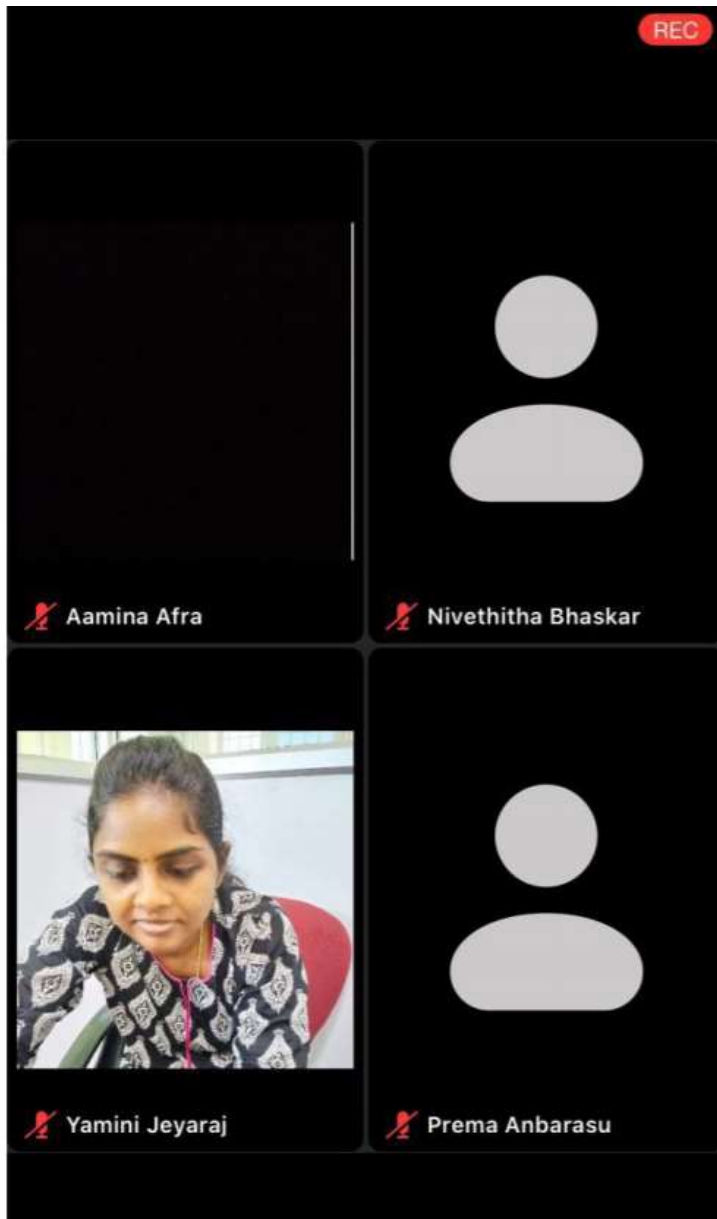
-  Annamalai Orthodontist  
-  Deepthika.B  
-  Dharshini P  
-  Dharunya  
-  Dhiviya.N  
-  dhwarka mai jagatheesh  
-  Divya Bharathi  
-  Divya Dharshini  
-  Gavathri Namadevan  

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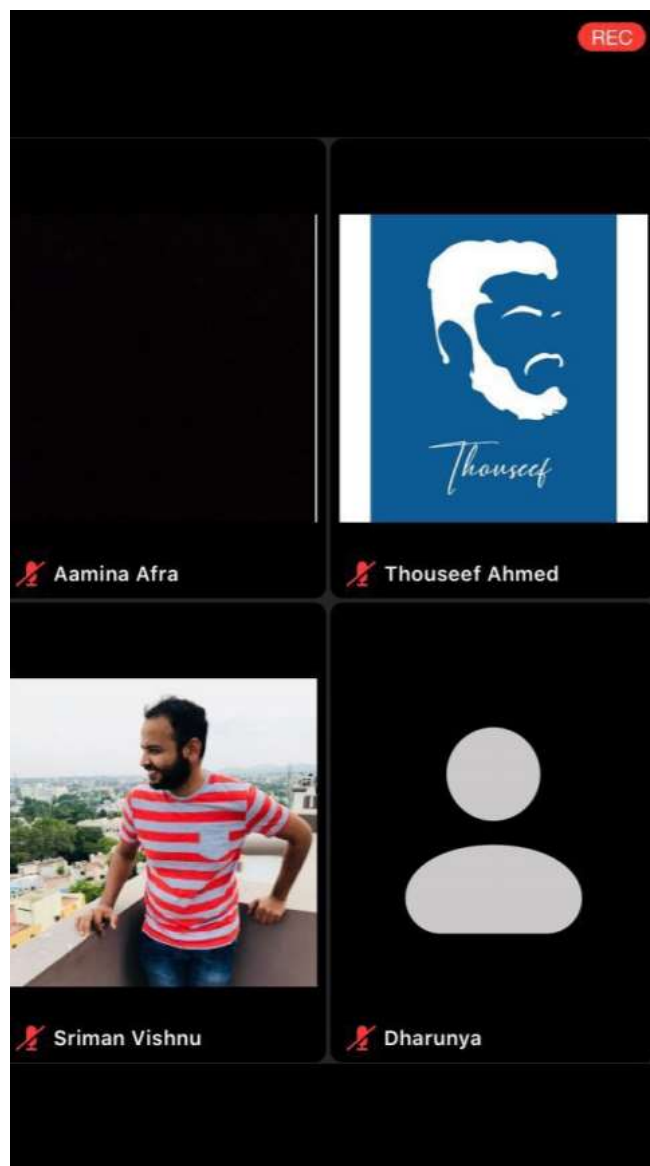
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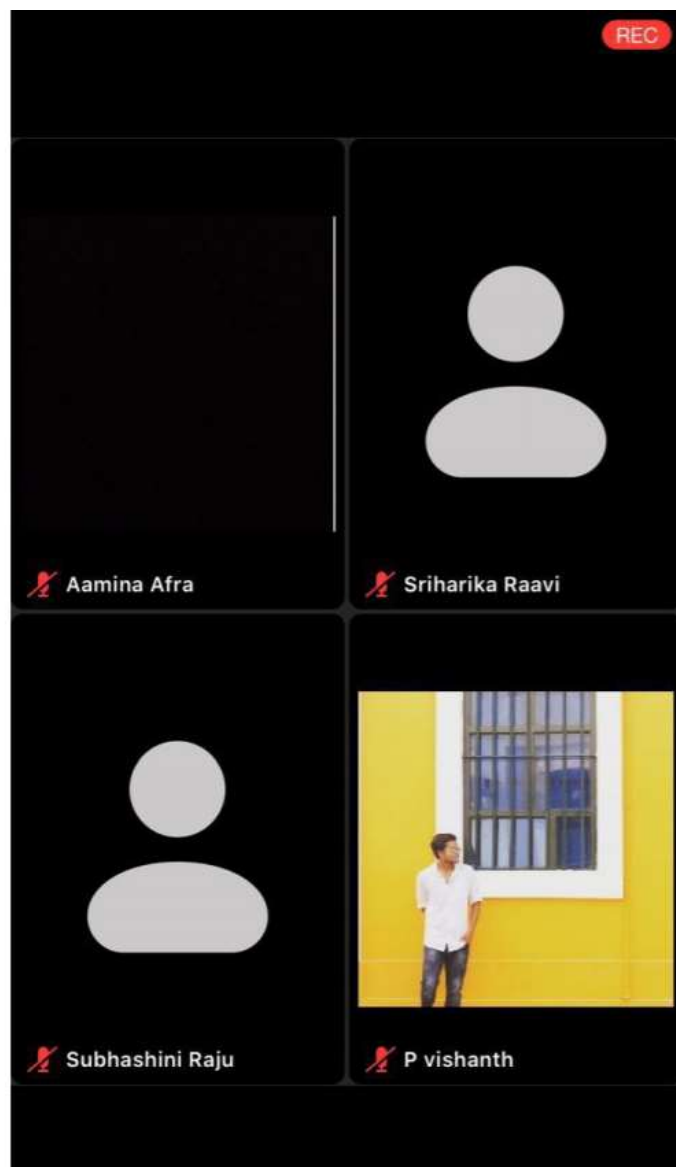
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10:47 4G 80

← Presentation

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■ In this cases, when the deciduous second molars **exfoliate**, the permanent first molars **drift mesially** utilizing the **leeway space**

A diagram illustrating the concept of leeway space. It shows a cross-section of a dental arch with deciduous teeth. A vertical dashed line indicates the original position of a deciduous second molar. A solid vertical line shows its new position after exfoliation, with an arrow indicating the direction of drift. The space between these lines is labeled 'leeway space'. The permanent first molar is shown drifting mesially (towards the center) into this space, with an arrow indicating the direction of drift.



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CLINICAL DISCUSSION**

S. NO	DATE	TOPIC	PRESENTER	FACULTY	NO.OF STUDENTS ATTENDED
1.	30.05.20	Frankel appliance	Dr. Abinandhan	Department of orthodontics	07

30.05.2020



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16:20 VoLTE 61

Zoom 07:18 Leave

FRANKEL APPLIANCE Recording

INTRODUCTION

- **Functional appliance**
 - the frankel appliance has two main treatment effects.
 - Serves as template against which the cranio facial muscles functions.
 - The framework of the appliance provide an artificial balancing of the environment thereby promoting more normal pattern of muscle activity.

➢ secondly, the appliance removes the muscle force in the labial and buccal area that restricts skeletal root thereby providing an environment,

➢ Which enables skeletal growth.

FRANKEL'S FUNCTIONAL REGULATOR

- Orthodontic device developed by Rolf Frankel (Zwicksau) in 1961 in the form of a skeletonized oral shield that, while not in contact with the underdeveloped parts of the jaw, is intended to bring about their development.
- Because the plate elements remain free, the tongue is unhindered within the oral cavity so that its shaping force can exert its full effect.

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Saravanakumar Subram...



Shanmugavelu S



Sonu Jain



Sriharika Raavi



Sriman Vishnu



Subhashini Raju



Thouseef Ahmed



Yamini Jeyaraj



Invite



Padmajee Selvaraj (me)



SUSHMITHA RAM (host)



M Abinandhan



Aamina Afra



Achsa Evangelin



Annamalai Orthodontist



Deepthika.B



Dharshini P



Dhiviya.N



dhwarka mai jagatheesh



Divya Bharathi



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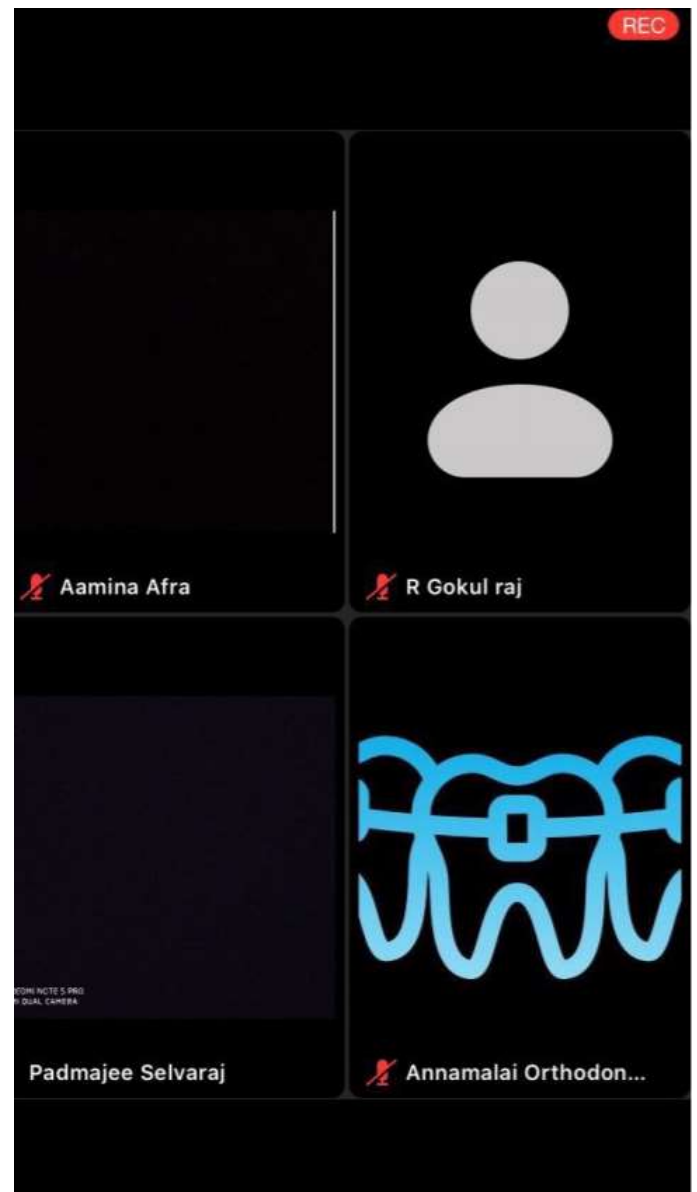
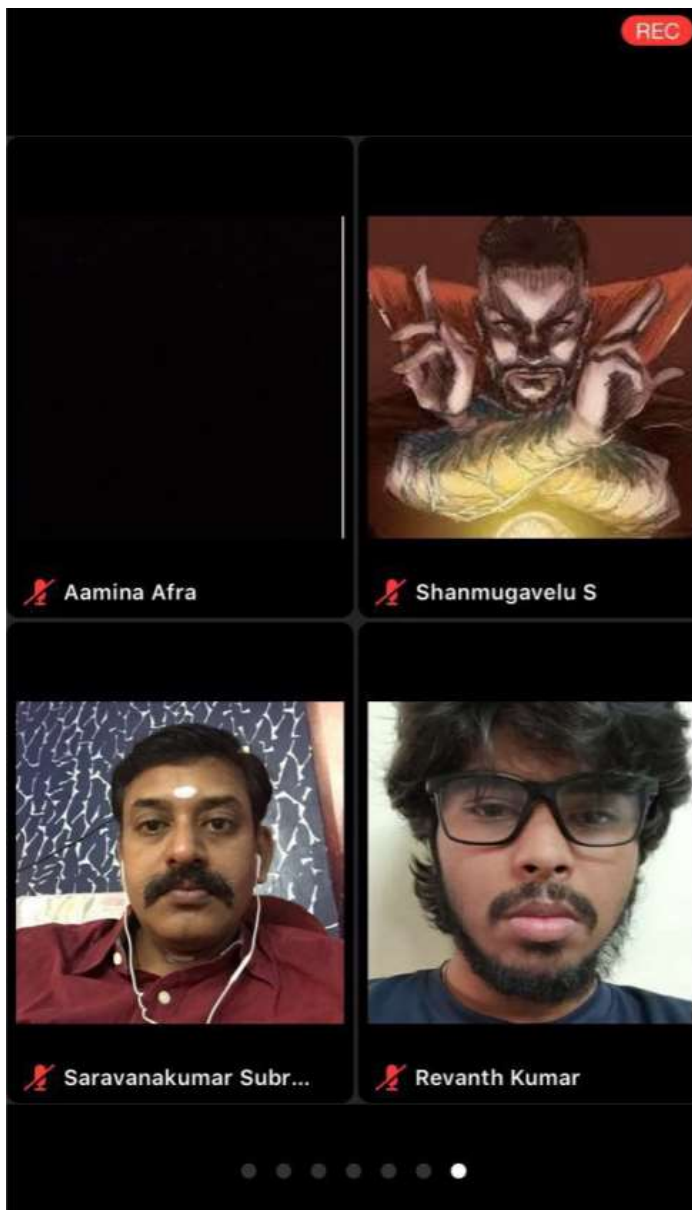
16:23	Close	Participants (23)
DD	Divya Dharshini	
GN	Gayathri Namadevan	
	Nivethitha Bhaskar	
	P vishanth	
PA	Prema Anbarasu	
	Revanth Kumar	
	Shanmugavelu S	
SJ	Sonu Jain	
SR	Sriharika Raavi	
SR	SUBHASHINI RAJU	
	Thouseef Ahmed	
	Yamini Jeyaraj	

D	Deepthika.B	
DM	dhwarka mai jagatheesh	
DD	Divya Dharshini	
GN	Gayathri Namadevan	
J	Janani	
MA	M Aakifa	
MR	M R	
	Nivethitha Bhaskar	
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RG	R Gokul raj	
	Revanth Kumar	

30.05.2020

Close Participants (24)	
DB	Divya Bharathi
DD	Divya Dharshini
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GD	Gokul Dpm
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	P vishanth
PA	Prema Anbarasu
	Revanth Kumar
	Shanmugavelu S
SJ	Sonu Jain
SR	Sriharika Raavi
SR	SUBHASHINI RAJU
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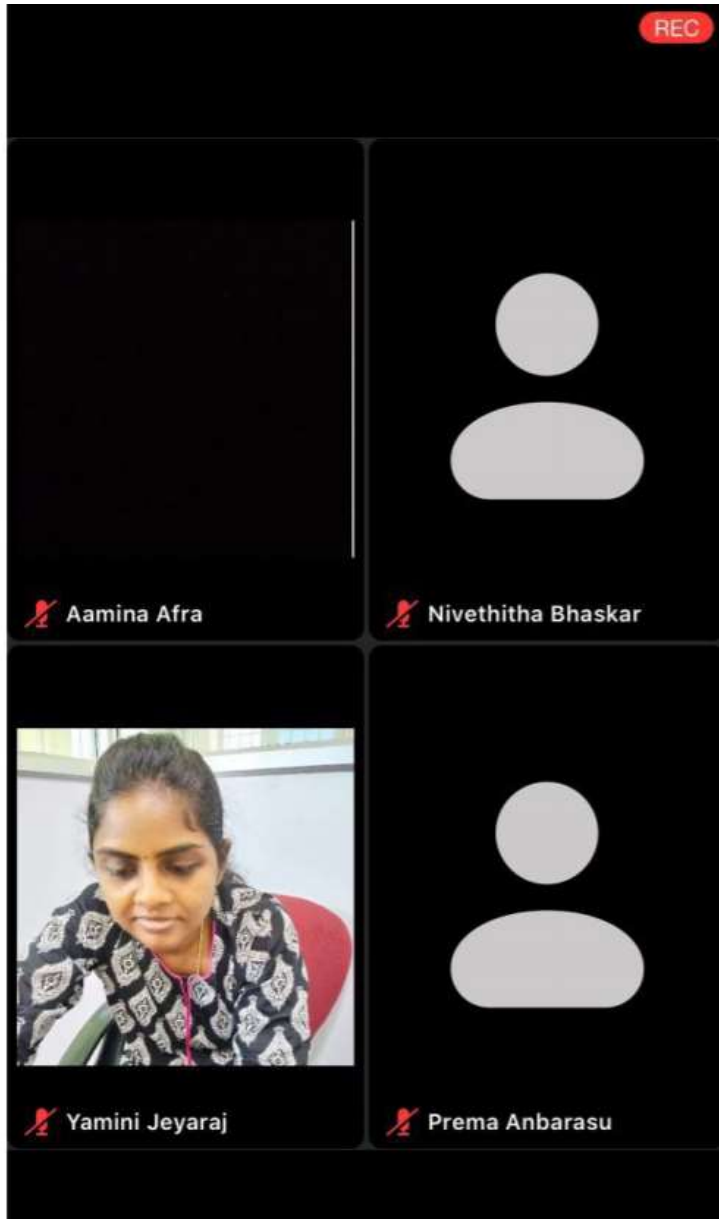


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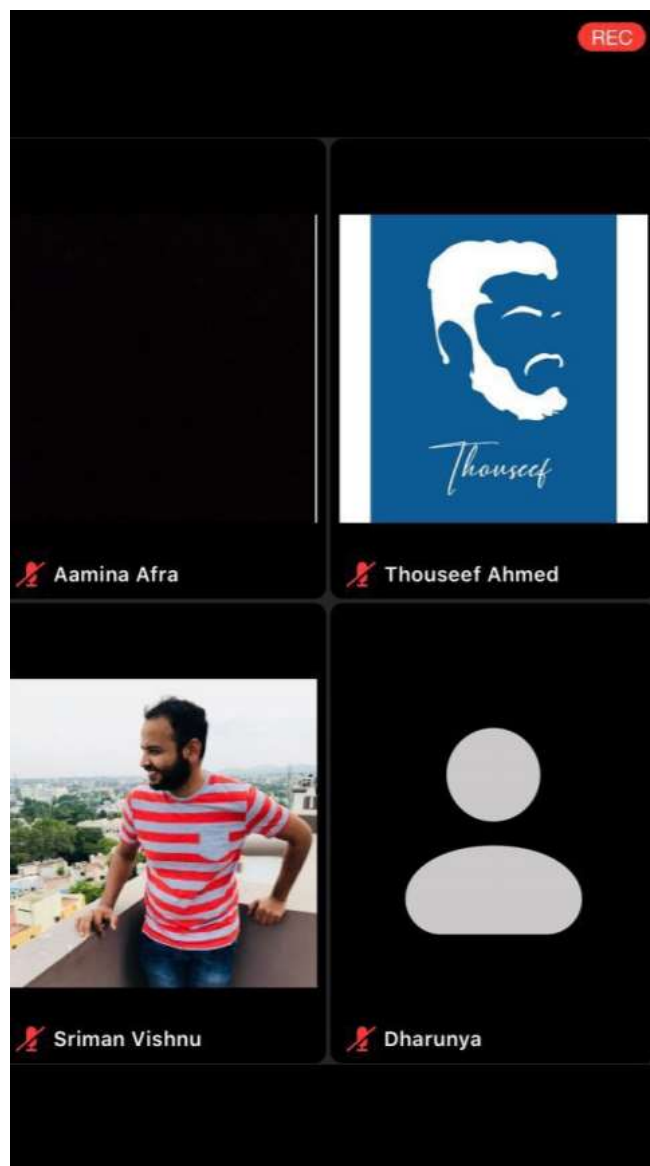


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