

**DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL
ORTHOPAEDICS**

**E-Teaching/Learning sessions for
INTERNSHIP STUDENTS**

SEMINAR

S.N O	DATE	TOPIC	PRESENTER	FACULTY PRESENT	NO OF STUDENTS PARTICIPATE D
1	08.06 2020	Orientation and introduction to appliance systems	Dr. Nivethitha	Dept of Orthodontics	07

08.06.2020



Chettinad

Dental College & Research Institute

12:47 21.0

Close **Participants (16)**

Search

	Naresh Boobalan (me)			
	Nivethitha Bhaskar (host)			
AN	Akshaya Narayanan			
DL	Deepika L			
KS	Kokila S K			
	Saravanakumar Subramani...			
	Aateef Ahmed			
A	ABIRAMI.P			
IS	Iswarya srinivasan			
	mathan rajan			
PA	Prema Anbarasu			

[Invite](#)

12:48 22.0

Close **Participants (16)**

KS	KOKILA S K			
	Saravanakumar Subramani...			
	Aateef Ahmed			
A	ABIRAMI.P			
IS	Iswarya srinivasan			
	mathan rajan			
PA	Prema Anbarasu			
	raajesh ravichandran			
K	Raghul maran Manimaran			
	Rinshi Fasal			
	SUSHMITHA RAM			
	Yamini Jeyaraj			

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08.06.2020



14.05.2020



08.06.2020



08.06.2020



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S.N O	DATE	TOPIC	PRESENTER	FACULTY PRESENT	NO OF STUDENTS PARTICIPATD
1	09.06 2020	Mode of action of removable appliance	Dr. Akshaya	Dept of Orthodontics	07



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Dental College & Research Institute

12:10

Participants (17)

Close

Abigna Reddy

ABIRAMI.P

Deepika L

Iswarya srinivasan

Kokila S K

mathan rajan

Raghul maran Manimaran

Ramasamy Narayanan

Rinshi Fasal

Saravanakumar Subramani...

SUSHMITHA RAM

Yamini Jeyaraj

Invite

12:10

Participants (17)

Close

Search

Naresh Boobalan (me)

Nivethitha Bhaskar (host)

Akshaya Narayanan

Aadhya Babu

Aateef Ahmed

Abigna Reddy

ABIRAMI.P

Deepika L

Iswarya srinivasan

Kokila S K

mathan rajan

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SEMINAR

S.N O	DATE	TOPIC	PRESENTER	FACULTY PRESENT	NO OF STUDENTS PARTICIPATE D
1	10.06 2020	Materials in orthodontics	Dr. Kokila.S	Dept of Orthodontics	07



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12:40 PM 4G LTE 73%

Close Participants (25)

-  Arunachalesh Anbazhagan   >
-  Deepika L   >
-  Harini Prabha   >
-  Iswarya srinivasan   >
-  mathan rajan   >
-  Naresh Boobalan   >
-  Prema Anbarasu   >
-  raajesh ravichandran   >
-  Raghul maran Manimaran   >
-  Ramasamy Narayanan   >
-  Rinshi Fasal   >
-  Saravanakumar Subramanian   >

12:40 PM 4G LTE 73%

Close Participants (25)

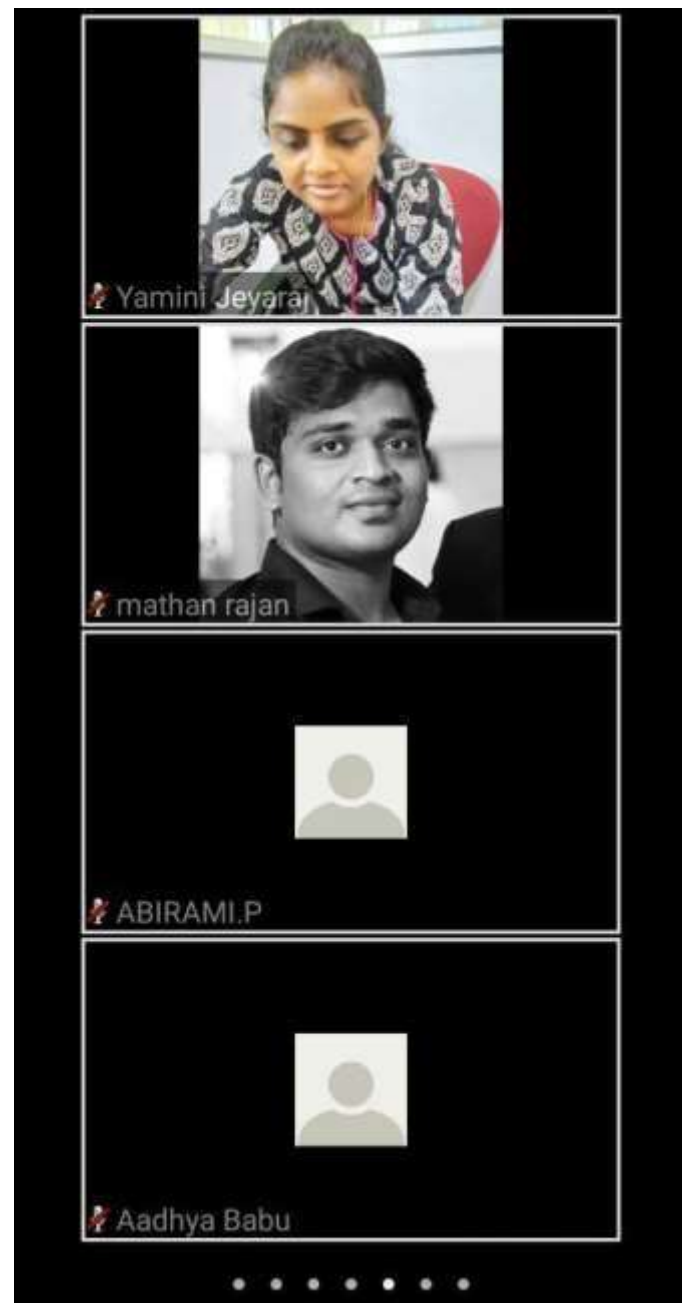
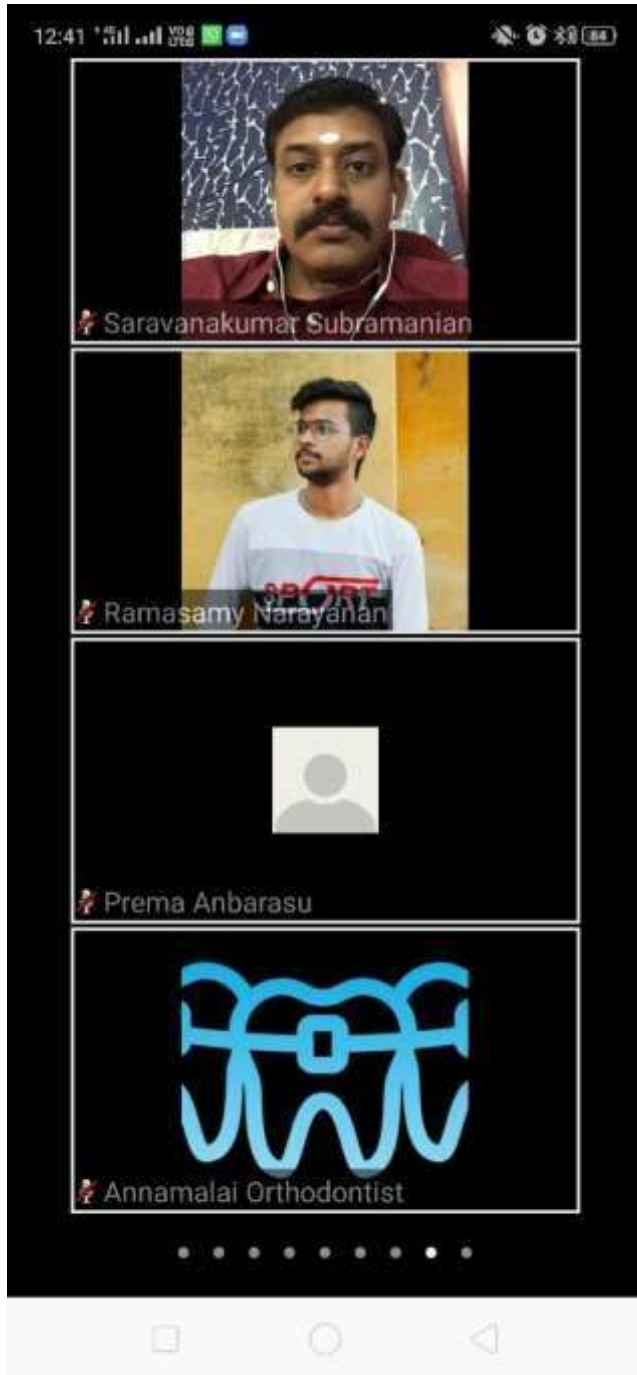
Search

-  Anusha R (me)   >
-  Nivethitha Bhaskar (host)   >
-  Kokila S K   >
-  SUSHMITHA RAM   >
-  Aadhya Babu   >
-  Aateef Ahmed   >
-  Abigna Reddy   >
-  ABIRAMI.P   >
-  Adithi Karthik   >
-  Akshaya Narayanan   >
-  Akshayaa Shankar   >
-  Annamalai Orthodontist   >



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12:39 PM

4G LTE 73



Naresh Boobalan



Rinshi Fasal



Archana.S



Aateef Ahmed



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S.N O	DATE	TOPIC	PRESENTER	FACULTY PRESENT	NO OF STUDENTS PARTICIPATE D
1	11.06 2020	Components of removable appliances	Dr. Deepika	Dept of Orthodontics	07



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12:12

VO LTE

43

Close

Participants (16)

Search

 Naresh Boobalan (me)   >

 Nivethitha Bhaskar (host)   >

 Akshaya Narayanan   >

 Saravanakumar Subramani...   >

 Afridh hameedha.M   >

 Aishwarya   >

 Akshaya B   >

 Anu Chandhini   >

 Deepika L   >

 Iswarya srinivasan   >

 Kokila S K   >

Invite

12:15

VO LTE

42

Close

Participants (18)

 Akshaya Narayanan   >

 Akshaya S   >

 Amira Moosa   >

 Annamalai Orthodontist   >

 Anu Chandhini   >

 Iswarya srinivasan   >

 Kokila S K   >

 prema Anbarasu   >

 Rinshi Fasal   >

 Saravanakumar Subramani...   >

 SUSHMITHA RAM   >

   >

Invite



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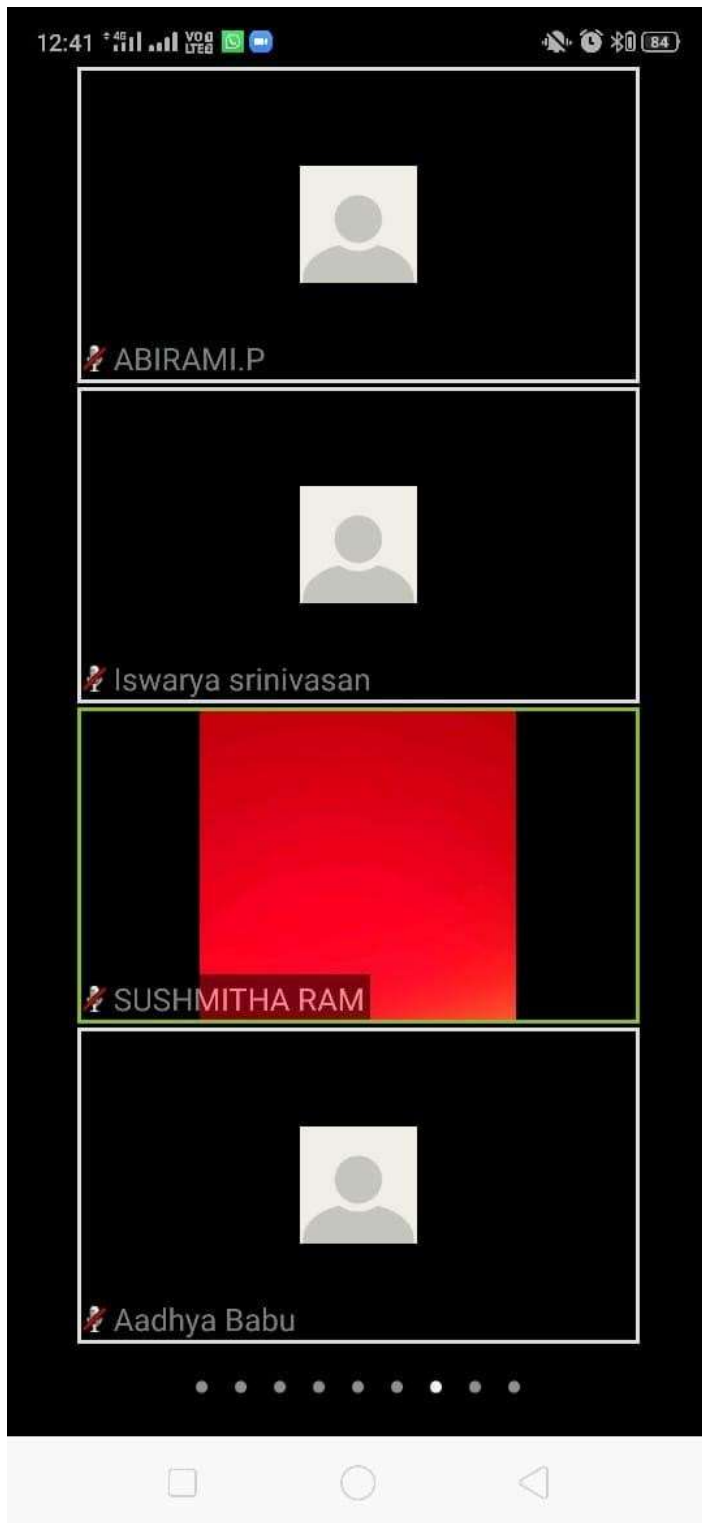
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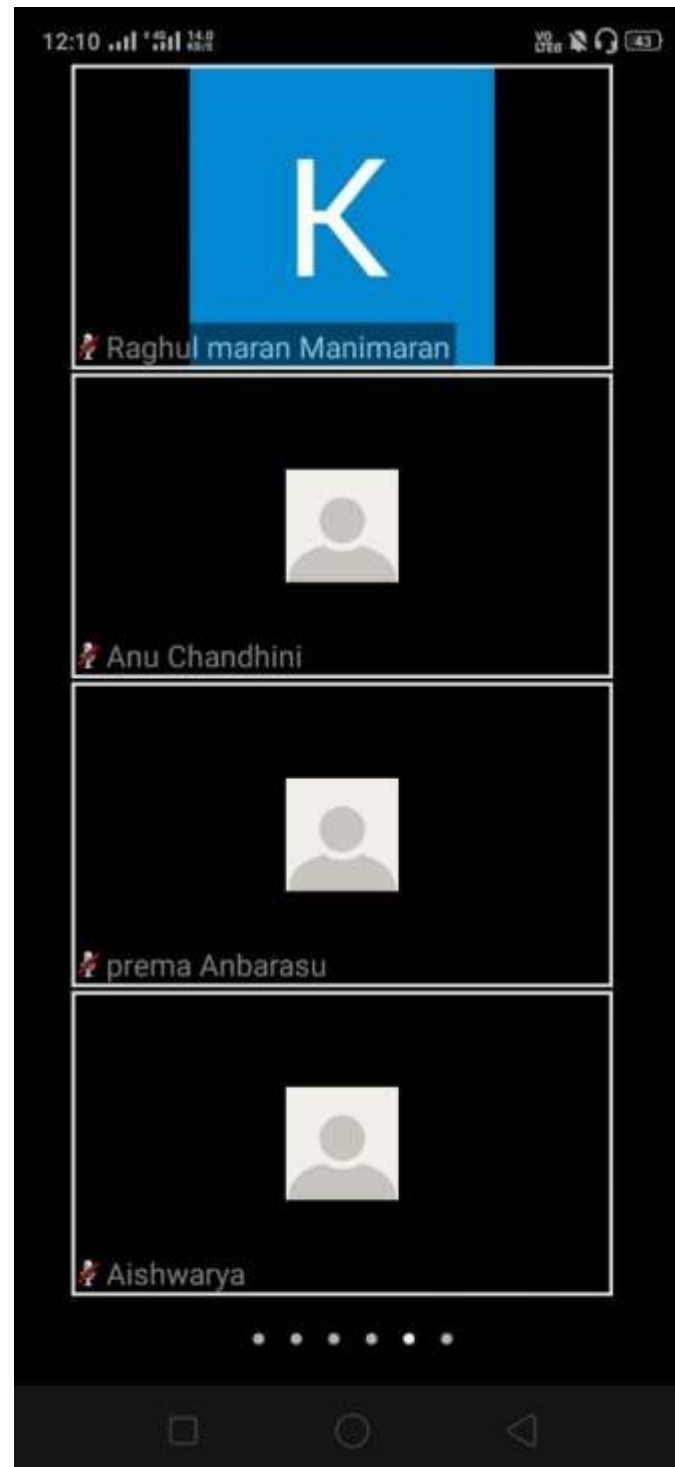
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S.N O	DATE	TOPIC	PRESENTER	FACULTY PRESENT	NO OF STUDENTS PARTICIPATE D
1	12.06 2020	Anchorage in removable appliances	Dr. Aishwarya	Dept of Orthodontics	07



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12:12

48.0

VO

42

Close

Participants (16)

Search

Naresh Boobalan (me)



Nivethitha Bhaskar (host)



AN Akshaya Narayanan



Saravanakumar Subramani...



AH Afridh hameedha.M



A Aishwarya



AB Akshaya B



AC Anu Chandhini



DL Deepika L



IS Iswarya srinivasan



Kokila S K



Invite

12:15

48.0

VO

42

Close

Participants (18)

Search

AN Akshaya Narayanan



AS Akshaya S



AM Amira Moosa



Annamalai Orthodontist



AC Anu Chandhini



IS Iswarya srinivasan



Kokila S K



PA prema Anbarasu



Rinshi Fasal



Saravanakumar Subramani...



SUSHMITHA RAM







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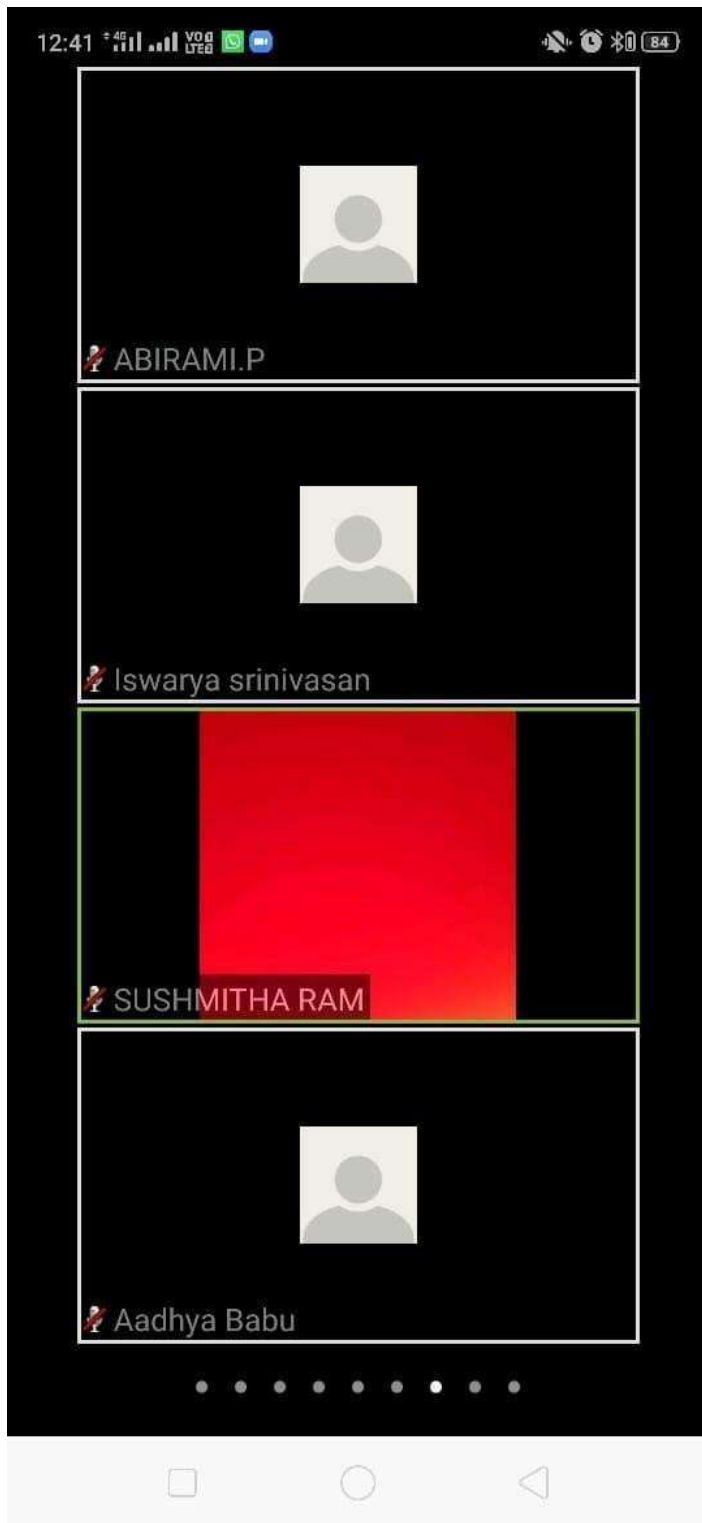
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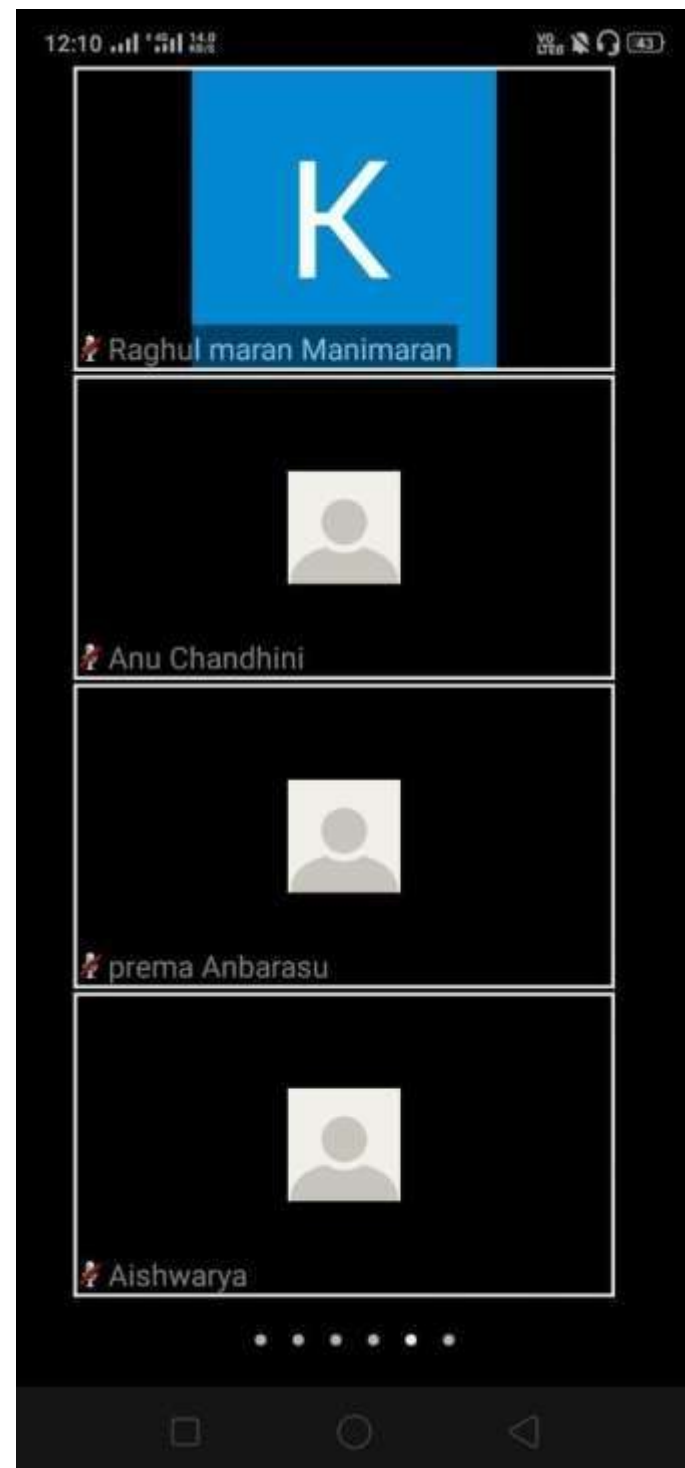
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SEMINAR

S.N O	DATE	TOPIC	PRESENTER	FACULTY PRESENT	NO OF STUDENTS PARTICIPATED
1	13.06 2020	Designing of a removable appliances	Dr. Naresh	Dept of Orthodontics	07



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48.0

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42

Close

Participants (16)

Search

Naresh Boobalan (me)



Nivethitha Bhaskar (host)



AN Akshaya Narayanan



Saravanakumar Subramani...



AH Afridh hameedha.M



A Aishwarya



AB Akshaya B



AC Anu Chandhini



DL Deepika L



IS Iswarya srinivasan



Kokila S K



Invite

12:15

15.0

VO

42

Close

Participants (18)

AN Akshaya Narayanan



AS Akshaya S



AM Amira Moosa



Annamalai Orthodontist



AC Anu Chandhini



IS Iswarya srinivasan



Kokila S K



PA prema Anbarasu



Rinshi Fasal



Saravanakumar Subramani...



SUSHMITHA RAM



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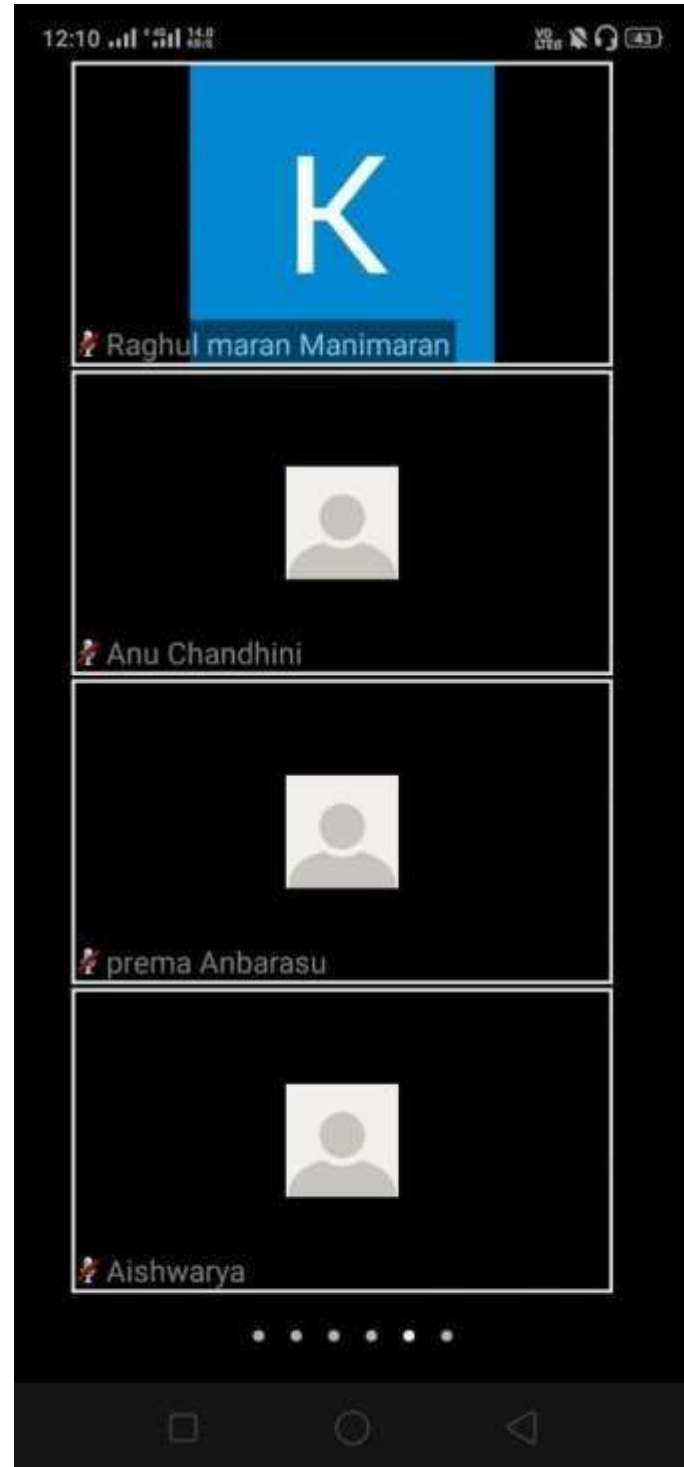
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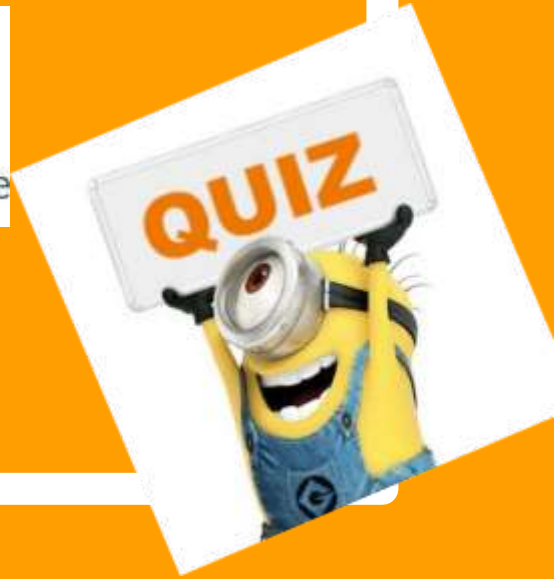
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DEPARTMENT OF ORTHODONTICS



**DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL
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QUIZ ACTIVITY**

S.N O	TOPIC	QUIZ ORGANIZER	FACULTY PRESENT	NO OF STUDENTS PARTICIPATE D
1	Moderate non- skeletal problems in preadolescent children	Dr. Nivethitha	Dept of Orthodontics	07



- **Date : 2-06-2020 Duration : 30 mins**
- **TOPIC-** Moderate non-skeletal problems in Preadolescent children (based on Chapter 11 –Contemporary Orthodontics – Proffit 5th edition)
- **The quiz consists of 20 questions and sub questions which amount to a total evaluation of 30 marks .**
- **The questions include Multiple choice questions , clinical scenarios and assertive fill-in the blanks.**
- **Some questions include sub questions and mark distribution will be accordingly.**





Special evaluation of developmental status is to be carried out when the patient's GROWTH PERCENTILES are

- A. Below 97th or above 3rd
- B. Above 97th or below 3rd
- C. Above 79th or below 3rd
- D. Below 79th or above 3rd



Write the order (descending) of the most common congenitally missing teeth

---- > (1mark) ----- > (1mark) -----



Write the syndromes presenting with
MULTIPLE SUPERNUMERARY TEETH

1. ---- (1mark)
2. ----(1mark)



SPACE REGAINING can be planned when the space deficiency due to early loss of primary canine or molar is less than or equal to ----mm



Most common SUPERNUMERARY TEETH

- A. Paramolar
- B. Supplementary lateral incisor
- C. Mesiodens
- D. Odontome



A 6 yr old girl presents with a thumb sucking habit and developing anterior open bite and also posterior crossbite of the LEFT side with a CO-CR discrepancy. The most relevant treatment option for her would be



- A. Fixed tongue crib
- B. Rapid Maxillary Expansion
- C. Quadhelix
- D. W arch



Design a removable appliance for a 8 yr old boy with the following

NOTE-mother gives history of clenching/grinding habit



1. Clasps on ---- (1 mark)
2. Springs on ----(1 mark)
3. Bows from----- (1 mark)
4. Removable plate extension --- (1 mark)



Most common location for SUPERNUMERARY TEETH is

- A. Anterior maxilla
- B. Posterior maxilla
- C. Anterior mandible
- D. Posterior mandible



Name the following appliance (1 mark)
and write about its indication (1 mark)
(also mention the active component)





Most commonly presenting ankylosed primary teeth ?

- A. Maxillary 2nd molar
- B. Mandibular 2nd molar
- C. Maxillary 1st molar
- D. Mandibular 1st molar



One of the earliest signs, indicative of **POTENTIAL SEVERE CROWDING** of permanent teeth in the developing mixed dentition phase is

- A. Ectopic eruption of permanent lateral incisors
- B. No spacing in the primary dentition
- C. Early exfoliation of primary canines
- D. Lingual tipping of permanent lower incisors



Name the following appliance (1 mark)
and write about its indication (1 mark)
(also mention the active component)





Identify the presenting anomaly





A 5 yr old girl presents with 2 mm root resorption of E which has Grade II mobility. Below is her presenting IOPA . Write the best treatment pathway/option for her





Leeway space (acc to Moyers)in one segment of the m
mm



Identify the appliance





According to Johnston and Tanaka, estimated width of the mandibular canines and premolar in one quadrant is

- A. Mesio-distal width of lower incisors/2 +11mm
- B. Mesio-distal width of upper incisors/2 +10.5mm
- C. Mesio-distal width of lower incisors/2 +10.5mm
- D. Mesio-distal width of lower incisors/2 +11mm



Identify the appliance which is used as a day time counter-part of an extra-oral appliance used for DISTALISING MOLARS



1. Identify this intra-oral appliance (1mark)
2. Write its counter-part extraoral appliance used for distalising molars(1mark)



Write the most probable outcome of this terminal plane relationship followed by late mesial shift with high forward growth potential of the mandible

Maxillary primary molar →



1. Identify the terminal step relation (*1mark*)
2. Probable outcome with increased forward growth potential of mandible (*1mark*)



A 5 year old girl presents with premature bilateral loss of both mandibular 1st primary molars. Her 8 year old elder brother also presents with the same condition. write the ideal space maintainer for both of them.

1. Girl ---- (1 mark)
2. Boy ---- (1 mark)

THANKS!



The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education.

(Martin Luther King, Jr.)



Any questions?

You can find me at
nivibhaskar@gmail.com

2015

238-127

AUGUST

Wednesday

26

1. A

2. 3rd molar, max later, mand pre

3. garden syndrome

deidodontal dysplasia

4. 4-5mm

5. C

6. C

238-126

Thursday

27

7. clasp - Adams in molar

Spring - 2 spring in Ant.

Bow - Short labial bow

Remov Ant plate - fill 1^o
molar

8. A

9. Quad helix

28

Friday

240-125

2015

243-122

10. A

11. B

12. Arkans appliance

13. Retained lateral.

Buccally placed 23, B.

Retained - 14, 24

241-124

29

Saturday

14. Extraction & space
maintenance

15. 15-17 mm

16. Distal shoe

2015

243-122

AUG-SEP

Monday

31

17 A

18

19

1. mental step

2. class III

20

Girl - Band & loop

Boy - linguist arch

244-121

Tuesday

01

Date

□ □ □ □ □ □ □ □

Ortho.

Revanth · k. k.

CRI

1) B

2) Non lateral incisor < Premolar < Canine

3) Gardner's Syndrome, Glosso Lingual Dysplasia

4) 3 mm (12), 4 mm

5) () Mesiodens

6) A

7) 1) Adams clasp on 1st molar.

2) Fused Spring on Man. Incisor

3) Labial bow. C to C.

8)

A

9) 1) Quad helix

2) finger Spring

10) ~~B~~

10) B

10)

11 B

13) Paramolar (Supernumerary teeth), Retained decidua.

14) Extraction & Space maintenance

15) 20 mm

16) Distal shoe Space maintenance.

17)

18) 1) Hawley's appliance

2) Finger Spring.

19) a) Mesial stop

2) Protruded mandible (Class III).

20) Distal shoe Space maintenance

- 1 a)
- 2) max lateral incisor > mand. 2nd pm
- 3 Cleido cranial dysplasia ; Gardner's syndrome.
4. 3-4mm
- 5c) mesiodens
- 6.c) quad helix.
7. 1. clasp on first molar
- 8 2. spring on central incisors
3. bows from canine to canine
4. removable plate extension upto 1st molar & ant. bite plane
8. a) anterior maxilla
9. ^{lingual} transpalatal arch
- indication - unilateral missing 1^o teeth.
10. b) mandibular 2nd molar.
11. b) no spacing in 1^o dentition.
12. arkansa spring. → to move the permanent molar distally.
13. palatally placed 14, 24, retained deciduous lateral, ectopic eruption of canines.
14. extraction.

15. ~~1.7 mm~~ 1.7 mm

16. & distal shoe

17. ~~B~~ C

18. 1. —

2. reverse head gear

19. 1. ~~distal~~ ^{mesial} step

2. class III molar relation.

20. boy - lingual arch or nance palatal.
girl - distal shoe

1) B.

2) Mn. 2nd premolar > Mn. 1st premolar >

3) 1) Cleidocranial dysplasia

2) Along with cleft lip & palate.

4) 3mm

5) C. Mesiodens.

6) C. Quadhelix

7) ① clasps - Permanent 1st molar.

② Springs - Palatal aspect of incisors (Mx)

③ Bows - ~~over~~ tabular bow on

④ Removable - Before 1 molar.

8) A. Anterior Maxilla.

9) 1) Quad helix

2) Expansion along with habit breaking.

loops → Active component.

Activating posterior loops → Anterior expansion

Anterior loops → posterior expansion.

10) D) Mandibular First molar.

11) A) Ectopic eruption

12)

13) ~~Super~~ Retained deciduous lateral incisor.

14) Extraction $\rightarrow$ space maintenance.

15) 17 mm

16) Distal shoe space maintainer.

17) B.

18) 1) Fridge appliance.

2) Head gear.

19) 1) Mesial step.

2) class III

20) 1) lingual arch

2) Distal shoe.