

04.05.2020



Chettinad

Dental College & Research Institute

DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

**E teaching/learning for Third Year BDS
Students**

SNo	Date	ClinicalWork	Faculty	No. of students Participated
1.	04.05.2020	Seminar Presentation	Department Of Orthodontics	7

04.05.2020

THIRD YEAR SEMINAR PRESENTATION



ANGLE'S CLASSIFICATION OF MALOCCLUSION

- Gayathri S A
III year

Participants: Ishwarya M, Swaraja S, Gokul S, Jaya Varsha



CLASS III MALOCCLUSION

first molar severely posteriorly positioned relative to the mandibular mandibular first molar i.e. the maxillary first molar is occluding posterior to the buccal groove of the

- The mesiodistal cusp of the maxillary first molar

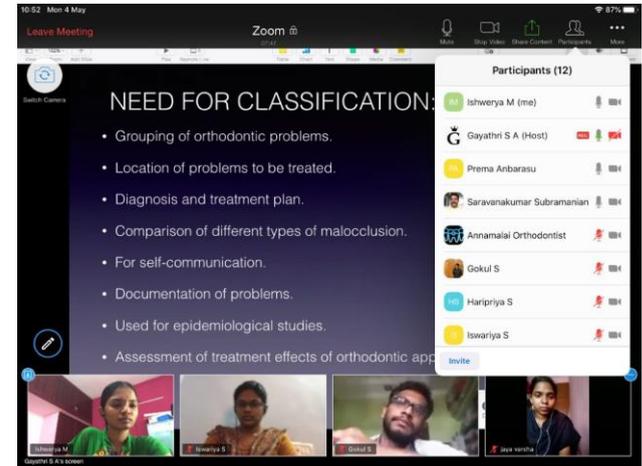
Participants: Ishwarya M, Swaraja S, Gokul S, Jaya Varsha



Synopsis:

- Occlusion vs Malocclusion
- Need for classification
- Various system of classification
- Angle's classification of malocclusion
- Validity of Angle's classification
- Modifications of Angle's classification
- Andrew's six keys
- Conclusion

Participants: Ishwarya M, Swaraja S, Gokul S, Jaya Varsha



NEED FOR CLASSIFICATION:

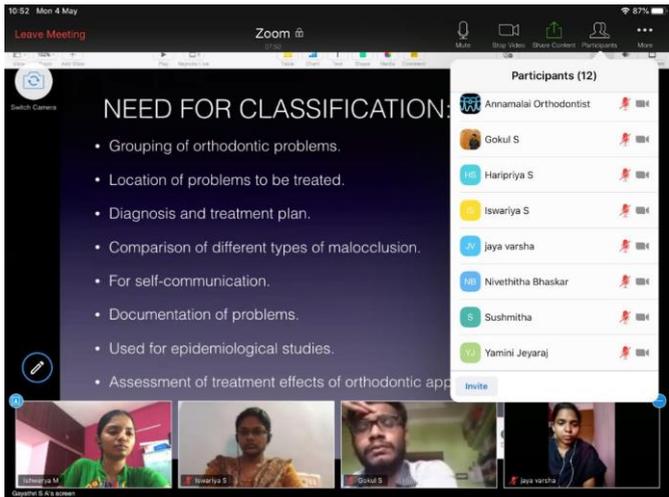
- Grouping of orthodontic problems.
- Location of problems to be treated.
- Diagnosis and treatment plan.
- Comparison of different types of malocclusion.
- For self-communication.
- Documentation of problems.
- Used for epidemiological studies.
- Assessment of treatment effects of orthodontic app

Participants (12): Ishwarya M (me), Gayathri S A (Host), Prema Anbarasu, Saravanakumar Subramanian, Annamalai Orthodontist, Gokul S, HariPriya S, Ishwariya S

Participants: Ishwarya M, Swaraja S, Gokul S, Jaya Varsha

04.05.2020

THIRD YEAR SEMINAR PRESENTATION



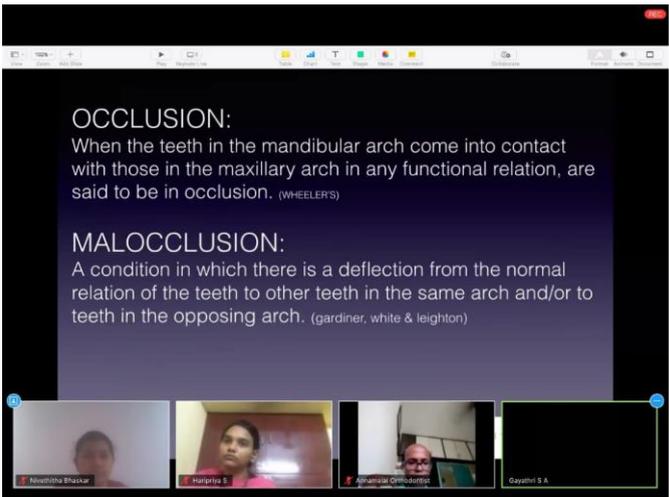
10:52 Mon 4 May
Zoom
Leave Meeting

NEED FOR CLASSIFICATION:

- Grouping of orthodontic problems.
- Location of problems to be treated.
- Diagnosis and treatment plan.
- Comparison of different types of malocclusion.
- For self-communication.
- Documentation of problems.
- Used for epidemiological studies.
- Assessment of treatment effects of orthodontic app

Participants (12)

- Annamalal Orthodontist
- Gokul S
- Haripriya S
- Iswariya S
- Jaya varsha
- Nivethitha Bhaskar
- Sushmitha
- Yamini Jeyaraj

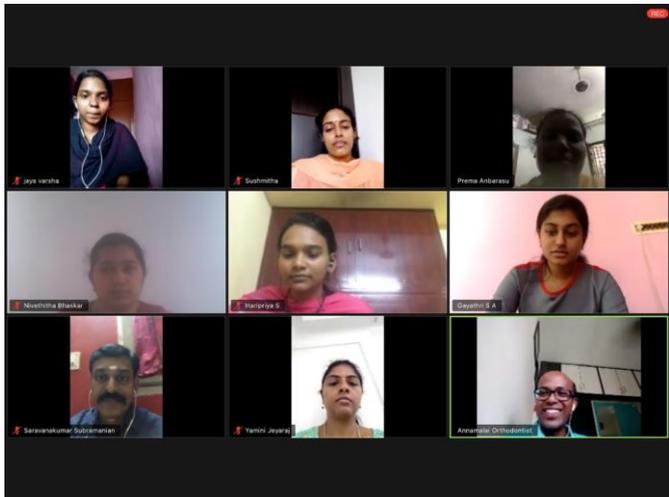


OCCLUSION:

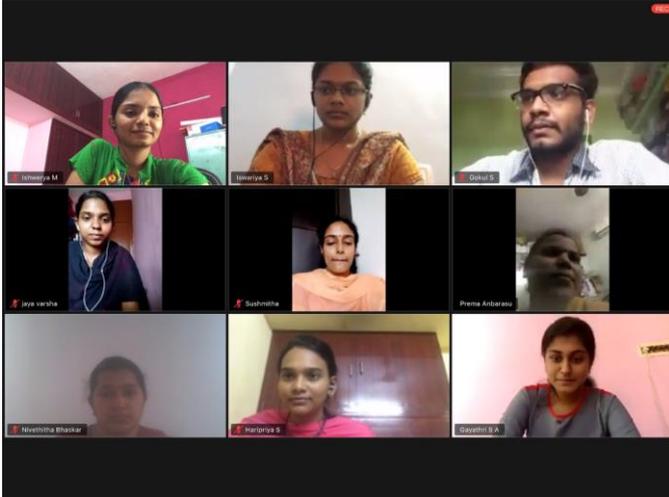
When the teeth in the mandibular arch come into contact with those in the maxillary arch in any functional relation, are said to be in occlusion. (WHEELERS)

MALOCCLUSION:

A condition in which there is a deflection from the normal relation of the teeth to other teeth in the same arch and/or to teeth in the opposing arch. (gardiner, white & leighton)



Grid of participant video feeds including: Jaya varsha, Iswariya S, Sushmitha, Prerna Anbarasu, Nivethitha Bhaskar, Haripriya S, Gayathri S A, Saravankumar Subramanian, Yamini Jeyaraj, Annamalal Orthodontist.



Grid of participant video feeds including: Ishwariya M, Iswariya S, Gokul S, Jaya varsha, Sushmitha, Prerna Anbarasu, Nivethitha Bhaskar, Haripriya S, Gayathri S A.

05.05.2020



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1.	05.05.2020	Seminar Presentation	Department Of Orthodontics	6

05.05.2020

THIRD YEAR SEMINAR PRESENTATION

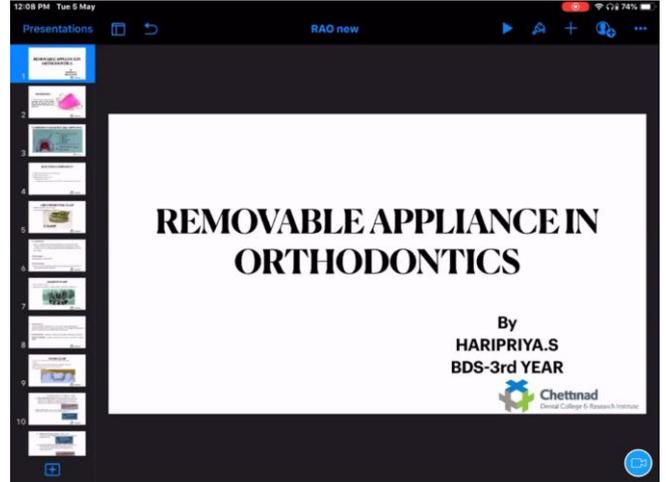


12:08 PM Tue 5 May
Presentations RAO new

REMOVABLE APPLIANCE IN ORTHODONTICS

By
HARIPRIYA.S
BDS-3rd YEAR

Participants: Ishwarya M, Gayathri S A, Ishwarya S, Sankar S

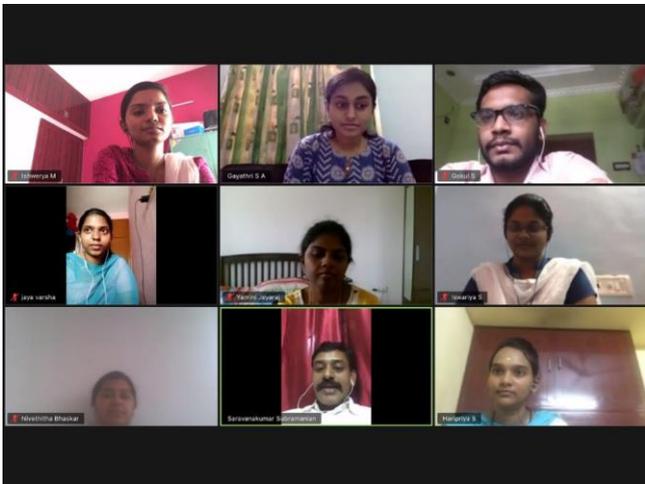


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Presentations RAO new

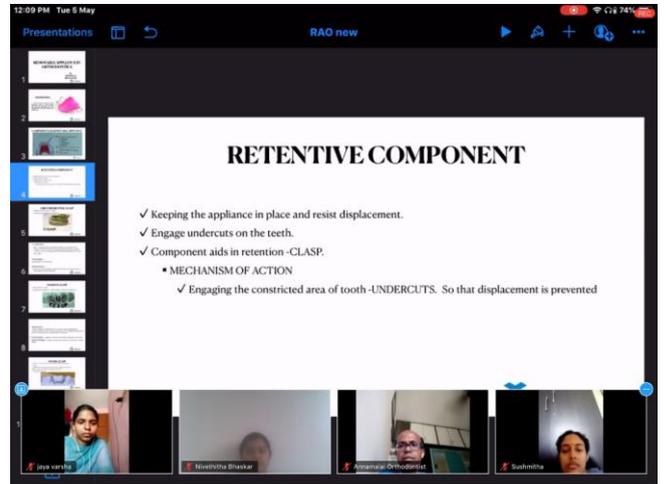
REMOVABLE APPLIANCE IN ORTHODONTICS

By
HARIPRIYA.S
BDS-3rd YEAR

Chettinad
Dental College & Research Institute



Participants: Ishwarya M, Gayathri S A, Sankar S, Jaya Varsha, Ananthanil Orthodontist, Ishwarya S, Anvitha Bhaskar, Saravananthar S, Haripriya S

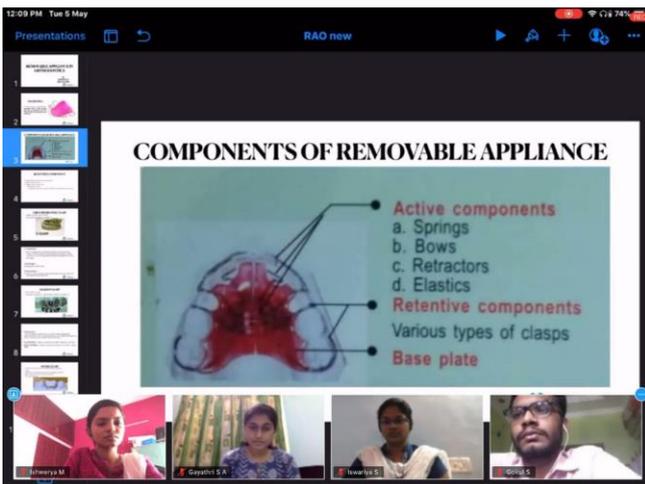


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Presentations RAO new

RETENTIVE COMPONENT

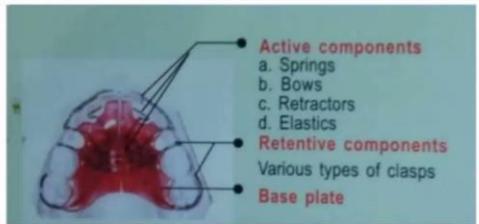
- ✓ Keeping the appliance in place and resist displacement.
- ✓ Engage undercuts on the teeth.
- ✓ Component aids in retention -CLASP.
 - MECHANISM OF ACTION
 - ✓ Engaging the constricted area of tooth -UNDERCUTS. So that displacement is prevented

Participants: Jaya Varsha, Anvitha Bhaskar, Ananthanil Orthodontist, Sushmitha



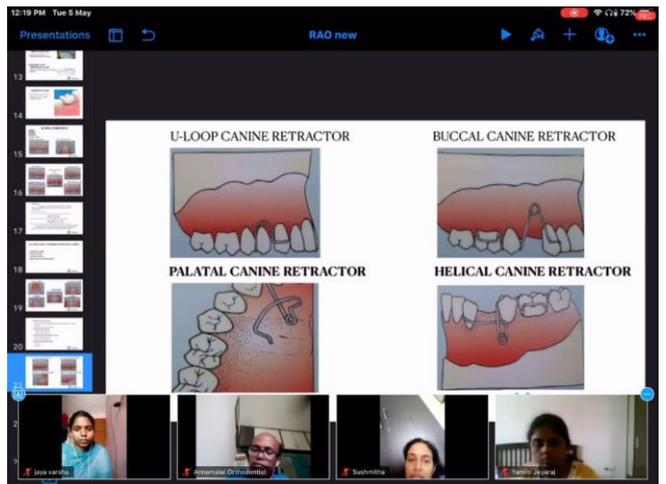
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Presentations RAO new

COMPONENTS OF REMOVABLE APPLIANCE



- Active components**
 - Springs
 - Bows
 - Retractors
 - Elastics
- Retentive components**
 - Various types of clasps
- Base plate**

Participants: Ishwarya M, Gayathri S A, Ishwarya S, Sankar S



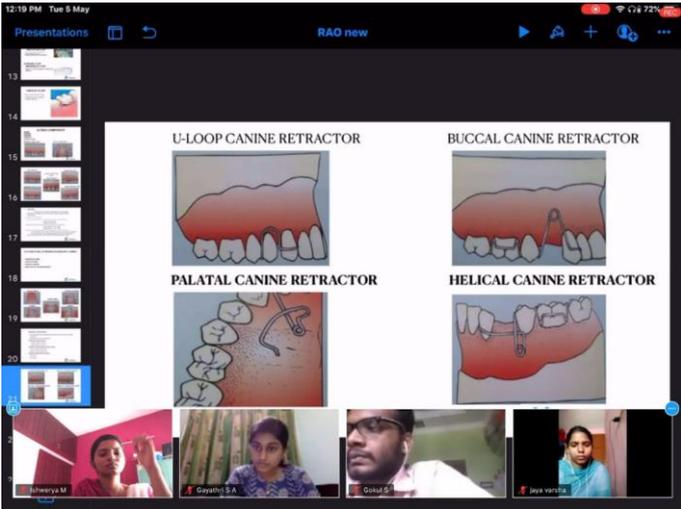
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Presentations RAO new

- U-LOOP CANINE RETRACTOR
- BUCCAL CANINE RETRACTOR
- PALATAL CANINE RETRACTOR
- HELICAL CANINE RETRACTOR

Participants: Jaya Varsha, Ananthanil Orthodontist, Sushmitha, Tanvi Sarda

05.05.2020

THIRD YEAR SEMINAR PRESENTATION



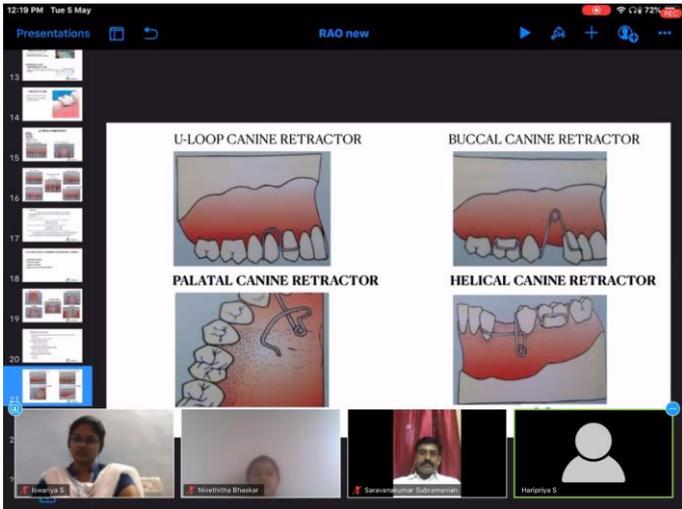
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Presentations RAO new

U-LOOP CANINE RETRACTOR BUCCAL CANINE RETRACTOR

PALATAL CANINE RETRACTOR HELICAL CANINE RETRACTOR

Participants: Ishwarya M, Gayathri S A, Gokul S, Jaya Varsha



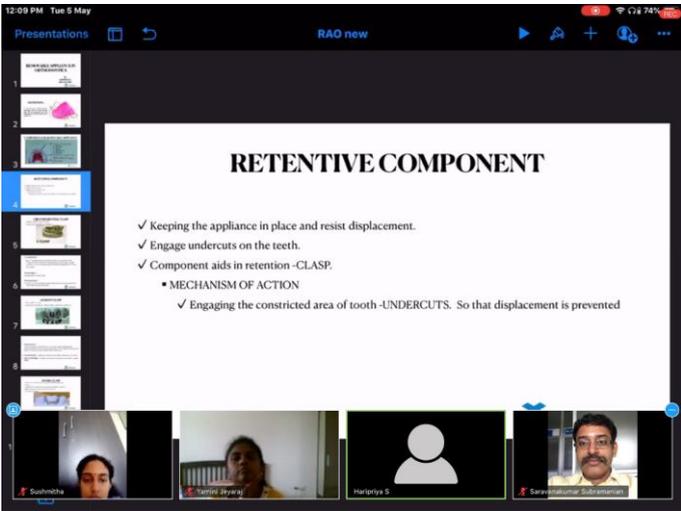
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Presentations RAO new

U-LOOP CANINE RETRACTOR BUCCAL CANINE RETRACTOR

PALATAL CANINE RETRACTOR HELICAL CANINE RETRACTOR

Participants: Ishwarya S, Nivethitha Bhaskar, Saravankumar Subramanian, Hariniya S



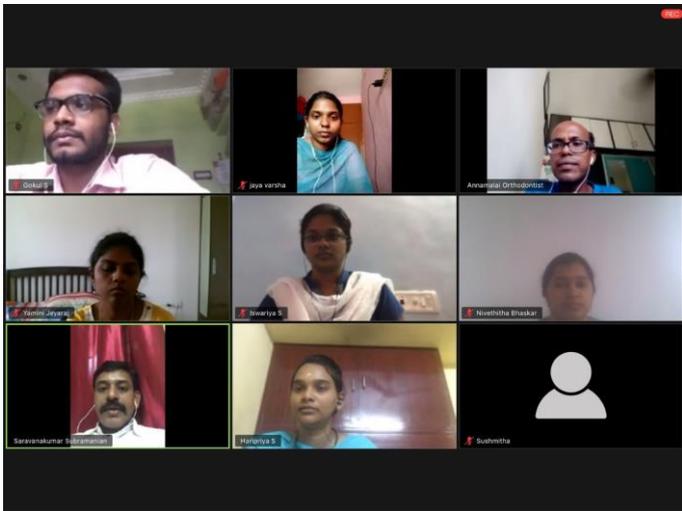
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Presentations RAO new

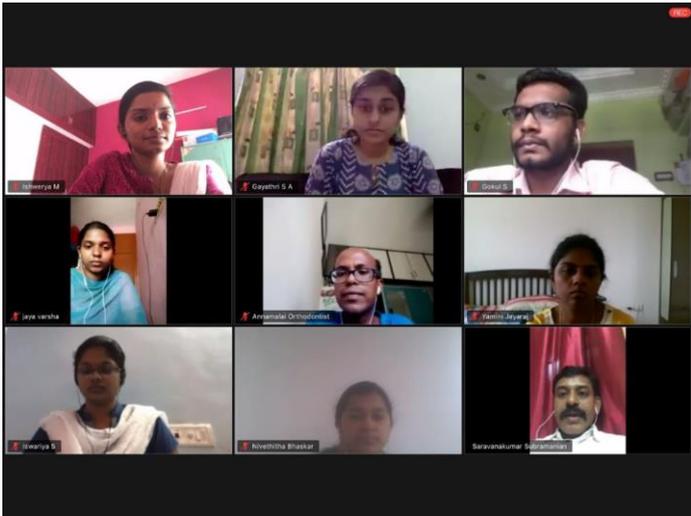
RETENTIVE COMPONENT

- ✓ Keeping the appliance in place and resist displacement.
- ✓ Engage undercuts on the teeth.
- ✓ Component aids in retention -CLASP.
 - MECHANISM OF ACTION
 - ✓ Engaging the constricted area of tooth-UNDERCUTS. So that displacement is prevented

Participants: Sushmitha, Hariniya S, Saravankumar Subramanian



Participants: Gokul S, Jaya Varsha, Anandharaj Orthodontist, Hariniya S, Nivethitha Bhaskar, Sushmitha



Participants: Ishwarya M, Gayathri S A, Gokul S, Jaya Varsha, Anandharaj Orthodontist, Hariniya S, Nivethitha Bhaskar, Saravankumar Subramanian

06.05.2020



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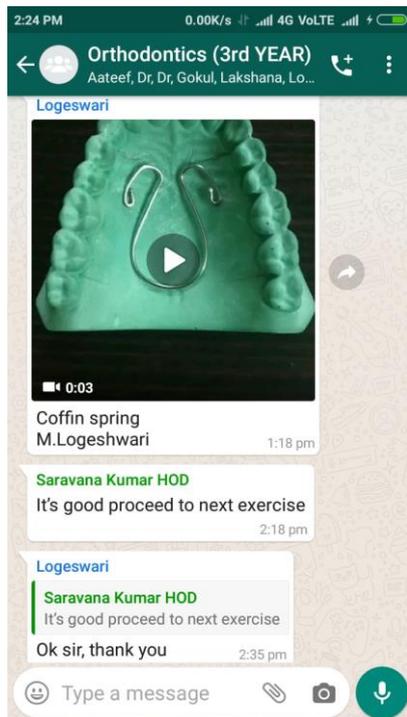
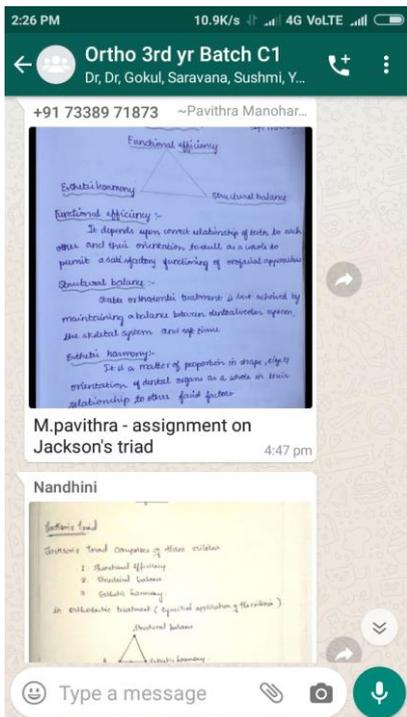
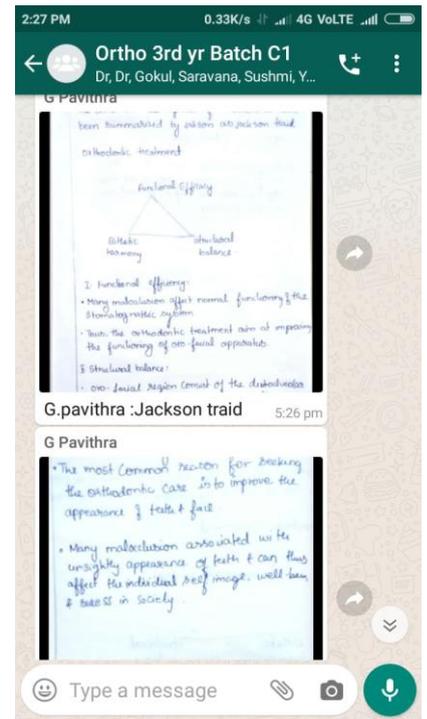
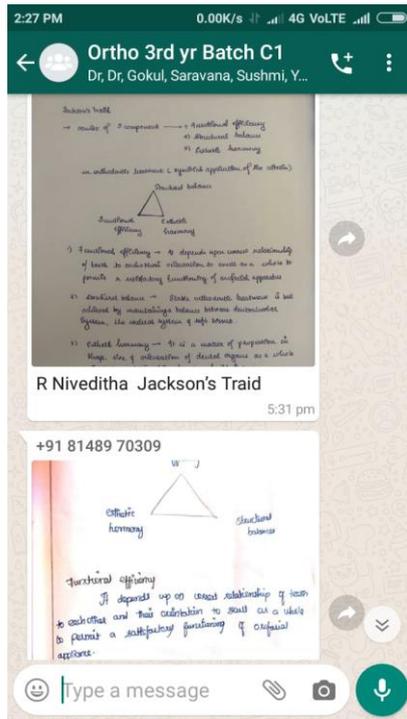
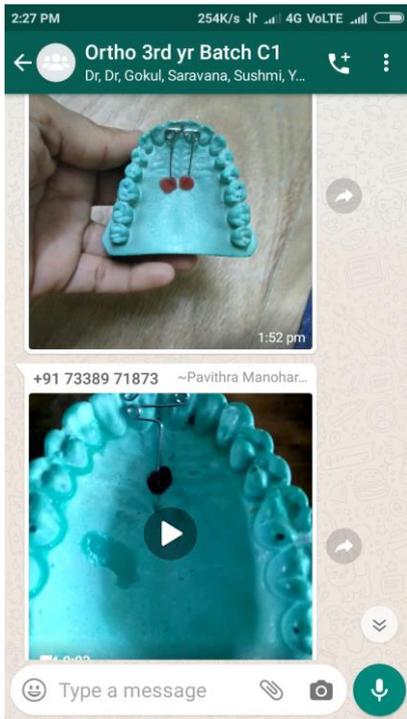
SNo	Date	Topic	Faculty	No. of students Participated
1.	06.05.2020	Wire bending Exercises	Department of orthodontics	6

06.05.2020



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THIRD YEAR CLINICAL WORK



07.05.2020



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DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

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SNo	Date	Topic	Faculty	No. of students Participated
1.	07.05.2020	Seminar Presentation	Department Of Orthodontics	7

07.05.2020

THIRD YEAR SEMINAR PRESENTATION

PREVENTIVE ORTHODONTICS
Part-1

-Iswariya S
Third year BDS



7 of 17



8 of 17

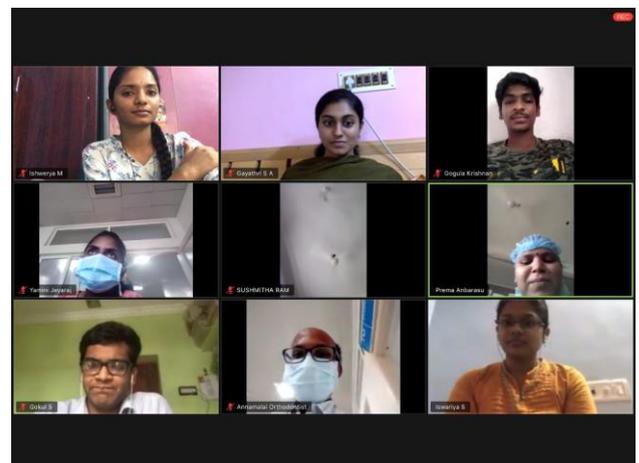
Caries control

- Caries in proximal surface of deciduous teeth, if not restored leads to loss of arch length, by movement of adjacent teeth into space and thus cause discrepancies between arch length and tooth material when larger permanent teeth erupt into oral cavity.



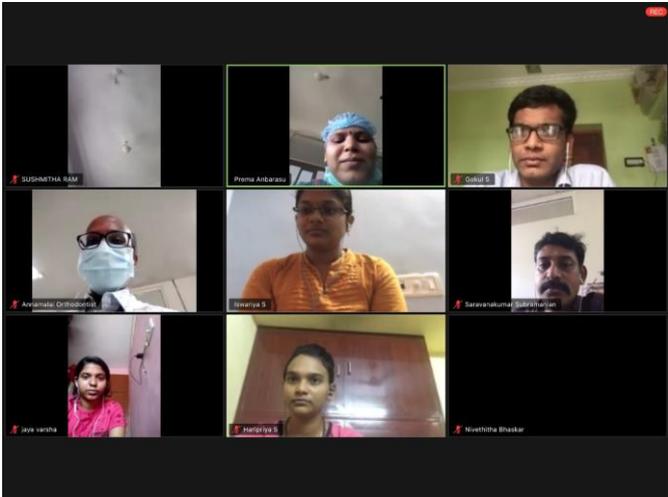
Care of deciduous dentition

- Prevention and timely restoration of carious teeth should be done.
- All efforts to prevent early loss of deciduous teeth as they are natural space maintainers.
- Simple preventive procedures like, application of topical fluorides, pit and fissure sealants etc.. help in preventing caries.



07.05.2020

THIRD YEAR SEMINAR PRESENTATION



Education of the parents

- It should begin much before the birth of child. Mother should be educated about nutritions to be provided for the developing foetus.
- After birth, education on proper nursing and care of child should be provided.
- If bottle fed, use physiologic nipple and not conventional nipple as it do not provide suckling by movement of tongue and lower jaw leading to various orthodontic problem.
- Do not use pacifiers for a long time.
- Advised on matters pertaining to prevention of nursing bottle syndrome.
- Good oral hygiene should be maintained.
- Correct method of brushing should be taught.



Caries control

- Caries in proximal surface of deciduous teeth, if not restored leads to loss of arch length, by movement of adjacent teeth into space and thus cause discrepancies between arch length and tooth material when larger permanent teeth erupt into oral cavity.



08.05.2020



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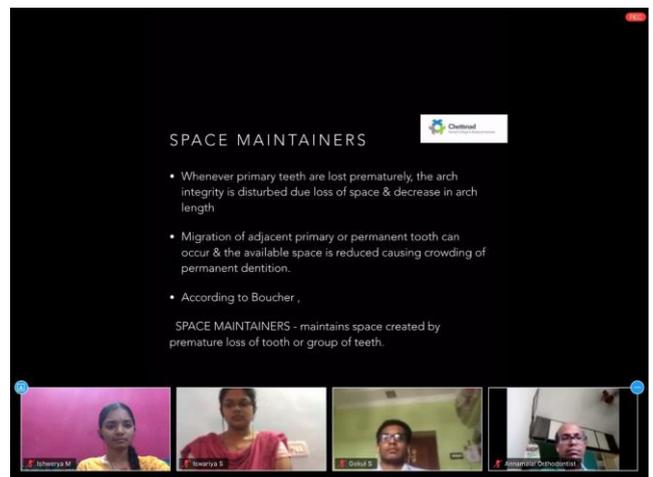
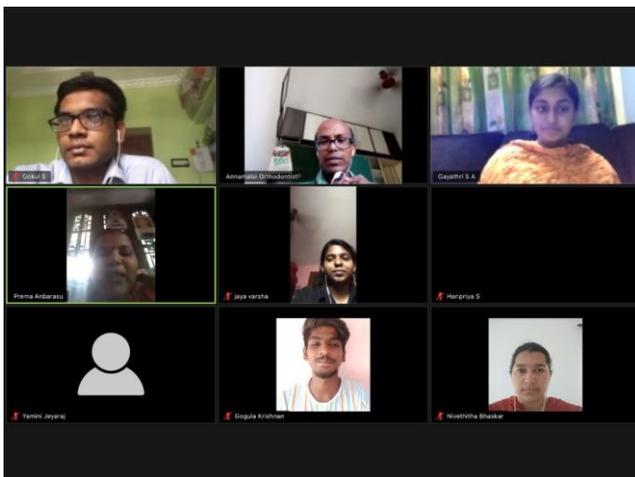
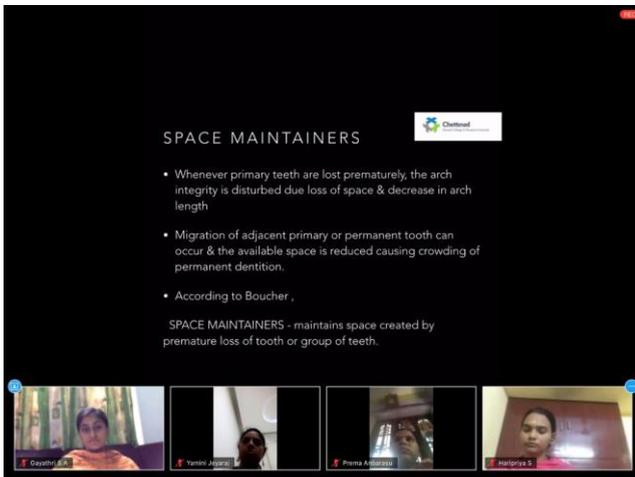
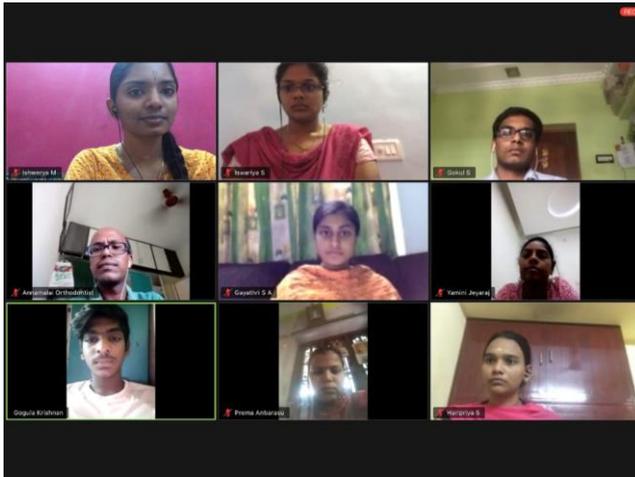
DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

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Students**

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1.	08.05.2020	Seminar Presentation	Department Of Orthodontics	7

08.05.2020

THIRD YEAR SEMINAR PRESENTATION



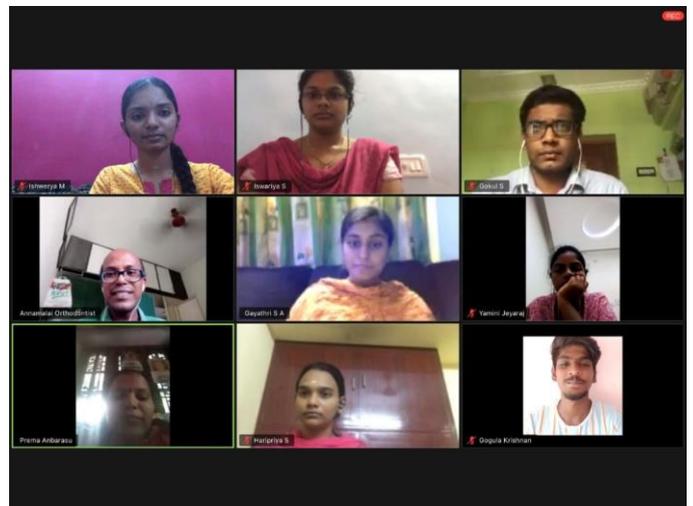
08.05.2020

THIRD YEAR SEMINAR PRESENTATION



IDEAL REQUIREMENTS

- Maintain entire mesio-distal space created by loss of teeth.
- Restore function as far as possible.
- Prevent over-eruption of opposing tooth.
- Simple in construction.
- Strong enough to withstand functional forces.



09.05.2020



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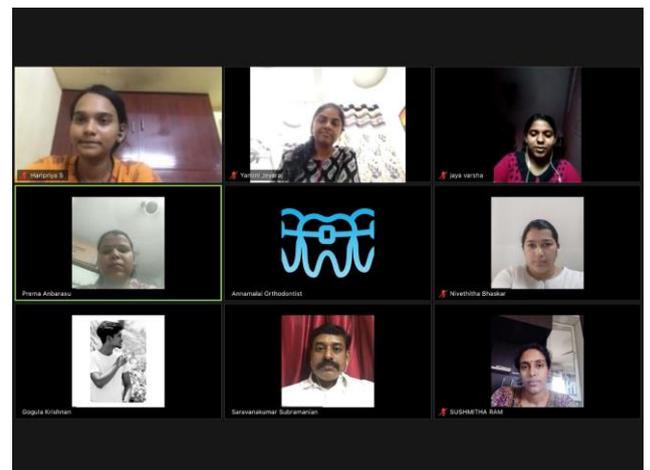
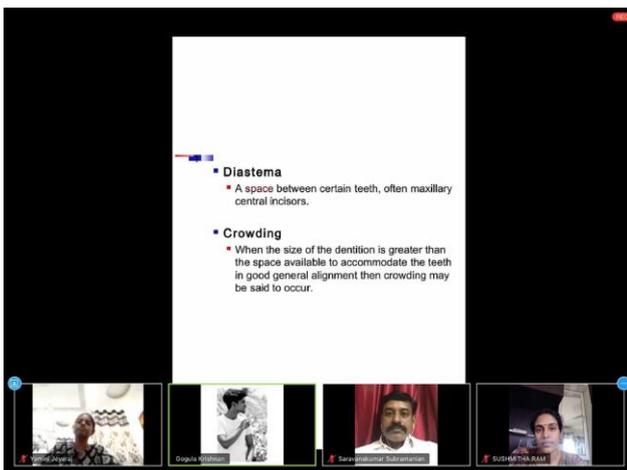
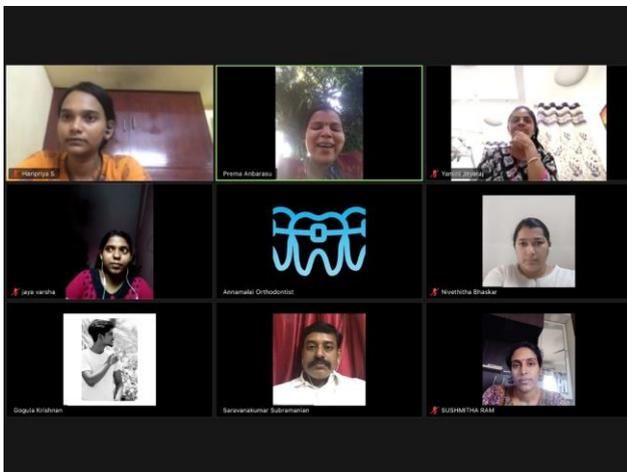
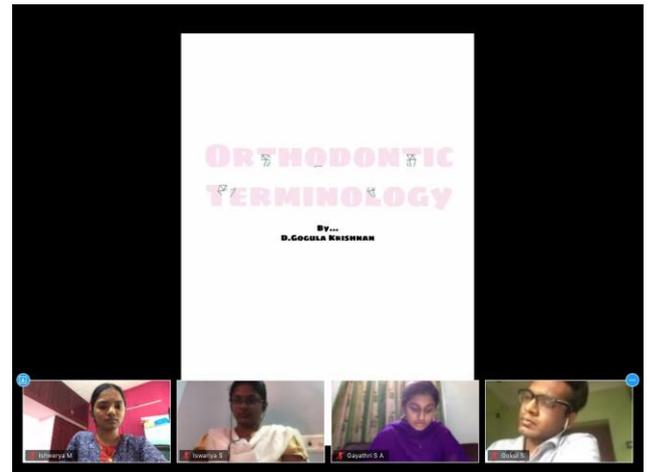
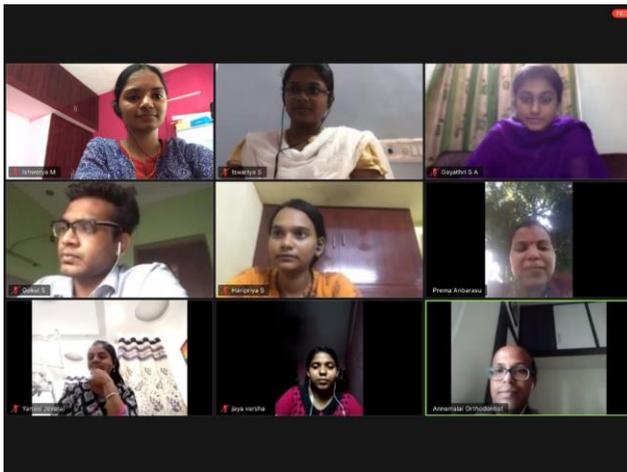
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THIRD YEAR SEMINAR PRESENTATION



09.05.2020

THIRD YEAR SEMINAR PRESENTATION



Diastema

- A space between certain teeth, often maxillary central incisors.

Crowding

- When the size of the dentition is greater than the space available to accommodate the teeth in good general alignment then crowding may be said to occur.

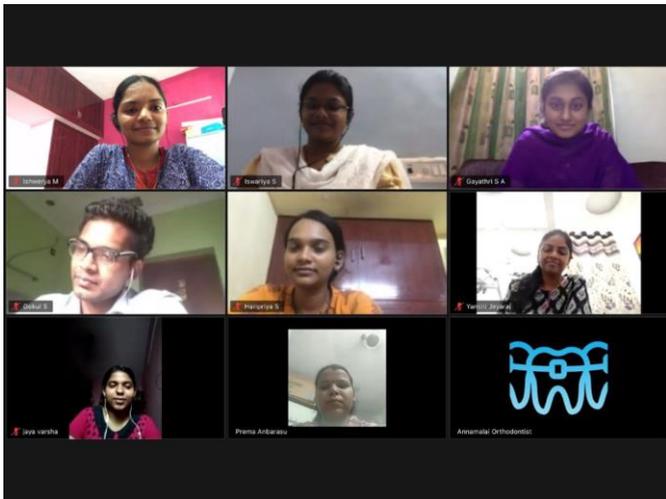
Participants: Haripriya S, Prema Anbarasu, Jaya varsha, Anamala Orthodontist



ORTHODONTIC TERMINOLOGY

By...
D.GOGULA KRISHNAN

Participants: Anamala Orthodontist, Saravakumari Subramanian, SUSHMITHA RAM, Niveditha Rajan



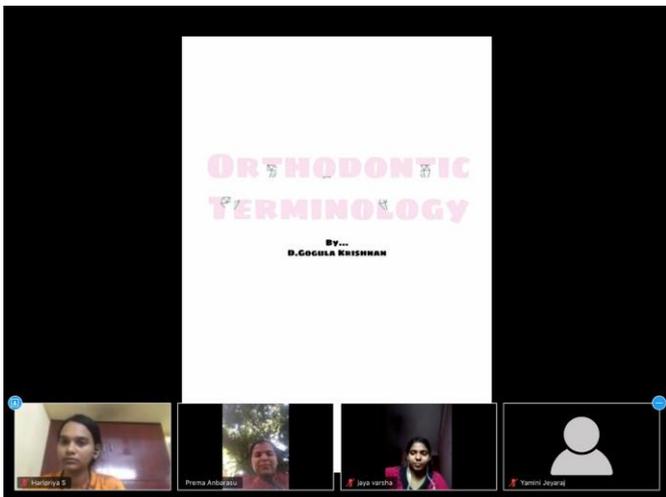
Participants: Shreeraja M, Sowrita S, Gayatri S A, Anil Kumar, Haripriya S, Yashika Jayaram, Jaya varsha, Prema Anbarasu, Anamala Orthodontist



ORTHODONTIC TERMINOLOGY

By...
D.GOGULA KRISHNAN

Participants: Gopala Krishnan, Anamala Orthodontist, Saravakumari Subramanian, SUSHMITHA RAM



ORTHODONTIC TERMINOLOGY

By...
D.GOGULA KRISHNAN

Participants: Haripriya S, Prema Anbarasu, Jaya varsha, Yamini Jayaram