



CHILDREN'S EDUCATION SOCIETY (Regd.)

THE OXFORD DENTAL COLLEGE

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka & Recognised by Dental Council of India, New Delhi)

Bommanahalli, Hosur Road, Bangalore - 560 068.

Ph: 080-61754680 Fax: 080 - 61754693 E-mail: deandirectortodc@gmail.com

Website: www.theoxford.edu

Programme specific Learning Outcomes

Summary on the teaching learning and assessment processes of the Institution are aligned with the stated learning outcomes

Departments	Teaching & Learning facilities	Patient care facilities	Research facilities
Department of Orthodontics and Dentofacial Orthopaedics	<ol style="list-style-type: none"> 1. Removal orthodontic appliances: 2. Components of removal appliance 3. Different types of clasps, Springs, Retractors, and their uses 4. Different type of Labial bows and their uses 5. Model analysis system: Bolton's, Pont's analysis, Ashley Howe's, Carey's, Moyer's mixed dentition analysis. 6. Typodont exercise 7. RME, NiTi Expansion appliances 8. FIXED APPLIANCES: Begg, MBT (Metal and ceramic), DAMON Self 	<ol style="list-style-type: none"> 1. Dental chairs- 48 nos 2. NEWER ORTHODONTIC APPLIANCES - DAMON Self ligation brackets - INVISALIGN Aligners 3. Orthodontic instruments <p>BANDING & CUTTING INSTRUMENTS</p> <ol style="list-style-type: none"> 1. Pin and ligature wire cutter 2. Distal end cutter 3. Heavy wire cutter 4. Band cutting scissors 5. Straight & Curved Howe pliers 6. Band contouring & Band pinching plier 7. Band pusher and seater 	<ol style="list-style-type: none"> 1. Nemoceph Cephalometric tracing 2. Digital Photography 3. Biostar machine 4. Mini implants/Bone screw kit



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	<p>ligation bracket system</p> <p>9. Invisalign.</p> <p>10. Extraoral appliances</p> <p>11. Headgear</p> <p>12. Chincup</p> <p>13. Facemask</p> <p>14. Myofunctional appliances</p> <p>15. Fixed Functional Appliances:</p> <ul style="list-style-type: none"> - Power scope - AdvanSync - Forsus 	<p>8. Separator applicator</p> <p>LIGHT WIRE BENDING</p> <p>9. Light wire arch plier</p> <p>10. Canine contouring plier</p> <p>11. De la Rosa plier</p> <p>12. Nance loop forming plier</p> <p>13. Adam's plier</p> <p>BAND AND BRACKET REMOVERS</p> <p>14. Band remover</p> <p>15. Anterior & Posterior debonding pliers</p> <p>STRAIGHT WIRE</p> <p>16. Tweeds ribbon arch</p> <p>17. Tweed's loop forming</p> <p>18. Weingart plier</p> <p>OTHERS:</p> <p>19. Boons/MBT gauge</p> <p>20. Three pong plier</p> <p>21. Artery forceps</p> <p>22. Debonding plier</p> <p>23. Universal plier</p> <p>24. Scientific divider</p> <p>25. Digital Vernier caliper</p>	
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		<p>26. Cheek retractors</p> <p>27. Crimpable hook plier</p> <p>28. X-ray viewer</p> <p>29. Light curing unit</p> <p>30. Digital SLR camera</p> <p>31. Electropolisher</p> <p>32. Hydrosoldering machine</p> <p>33. Welder machine</p> <p>34. Ceph tracing tables</p> <p>35. Fixators & Hinge articulators</p> <p>36. Plaster dispenser</p> <p>37. Model storage system</p> <p>38. G health material procuring system</p>	
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Program Specific Learning Outcomes

1. **Basic science classes:** Basic science theory classes are arranged weekly twice for 1st year MDS students for a period of three months.
2. **Biostatistics lectures:** Weekly once research and methodology classes are scheduled for the 1st year MDS students.
3. **Basic preclinical exercises:** Students are guided and encouraged throughout their preclinical sessions to achieve precision in their wire bending skills, each staff has been assigned on a daily basis to monitor the progression of the student.
4. **Monitoring learning process:** We conduct weekly tests and monthly tests for all the students to monitor their learning ability and understanding of the subject.
5. **Internal assessments and assignments:** Students are given written assignments on a regular basis which helps them to be updated with all the concepts of the subject.
6. **Discussions:** Regular discussions of articles and newer concepts are encouraged in the department which helps both the staff as well as the students to expand their horizon of learning.
7. **Digitized cephalometric tracings:** Students are encouraged to make use of digitized cephalometric software (nemoceph) available in the department, hence we as a department incorporate technology into our learning.
8. **Clinical practice:** Students are monitored thoroughly during their clinical sessions, 2 teaching staff per day are allotted to be in charge of the OP, hence our patient records, treatment provided and work done are up to date.
9. **Inter-disciplinary/ Inter-departmental cases:** We conduct timely inter-disciplinary meetings and hold exuberant discussions on special cases reported to the department which helps our pg students to understand the case better.
10. **Seminar presentation and Journal club discussions:** As per the curriculum issued by Rajiv Gandhi University (RGUHS) pg students must complete their quota of presenting 15 seminars and journal club discussions.
11. **Case presentations:** Each case is discussed in-depth, our staff encourage students to actively participate in the discussion which helps them to come up with out of the box ideas.
12. **Dissertations:** Thesis and Library dissertations are mandatory for every student, topics are finalized in the 1st year and 2 years of time is given to each student to complete their dissertations, respective Guides are always at their reach to help them with their doubts.
13. **Short study and publications:** As a special interest of our department, we encourage our students to actively indulge themselves in publications and short studies to expand their subject knowledge and be updated with the current trends it also helps the students with their academic career.
14. **Undergraduate classes:** As per the curriculum each post-graduate student, should conduct around 4-5 theory classes.
15. **Department library:** Apart from the college's general library we have a personal library which is regularly updated with recently published articles and books for quick reach.
16. **Mentor system:** Each pg student is provided with a guide to monitor them in their dissertations and other clinical practices, two staff has been allotted to guide the



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students in their seminar presentations and article selections. Also each junior pg student is allotted a senior pg student as their mentor which brings the exchange of ideas and knowledge between the students and also helps in betterment of their social and communication skills.

17. **Workshops and CDE programs:** Workshops like demonstration of intra oral scanning, fabrication of aligners etc are held in the department, CDE programs on various topics are conducted and attended by the department.
18. **Conferences and Conventions:** As per the guidelines provided from the university, students are encouraged to attend various conferences and conventions by presenting papers and posters, participating in quiz programs etc for better exposure towards the field of orthodontics, which also helps their social and communication skills.
19. **Research programs and publications:** Students are encouraged to be a part of research programs by presenting posters, papers table clinics and article publications.
20. **Contemporary treatment modalities:** Workshops on aligners and passive self-ligating system (Damon) are held in the department to expose our students to the new era treatment.
21. **Daily reports:** Each student must submit their end-of-the-day work report, it should be thoroughly signed by their guide and the head of the department, this helps us to monitor the progression of each student and help them if they are left behind.

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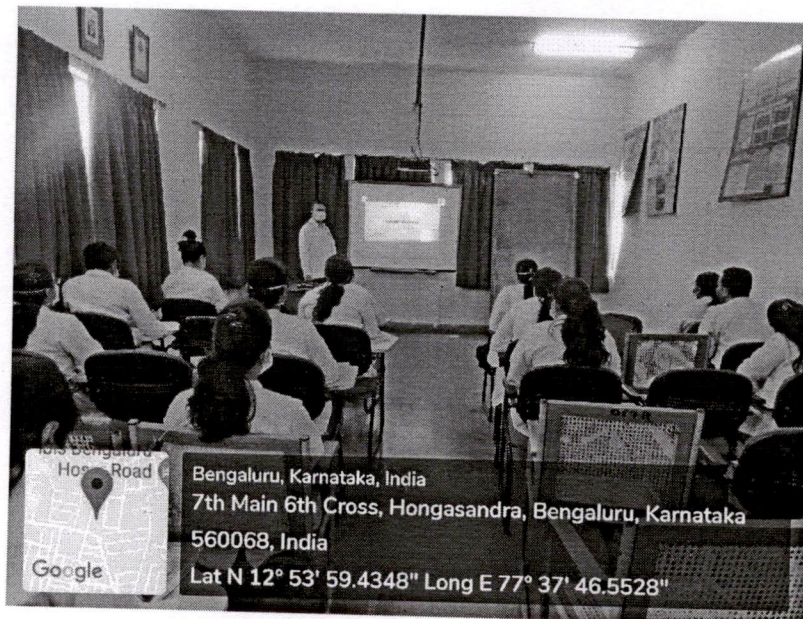
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Geotagged Photograph for Display of Program Wise Specific Learning Outcomes in all Departments



CDE program conducted by the department



Lecture sessions conducted by the staff

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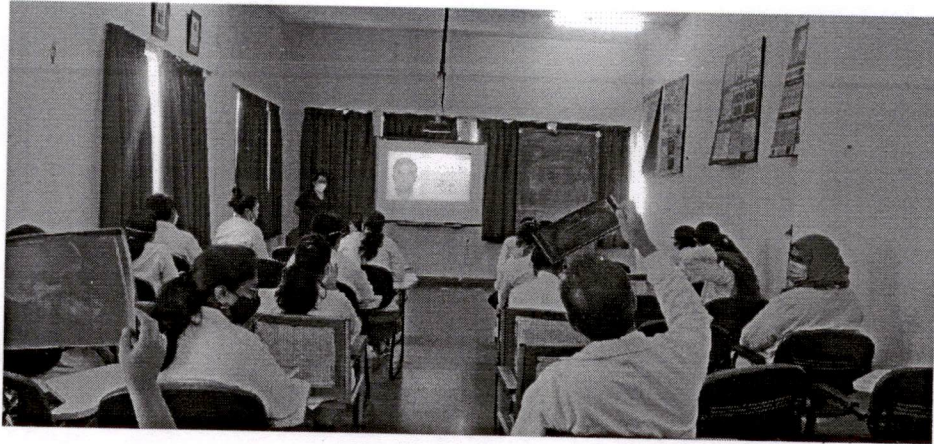
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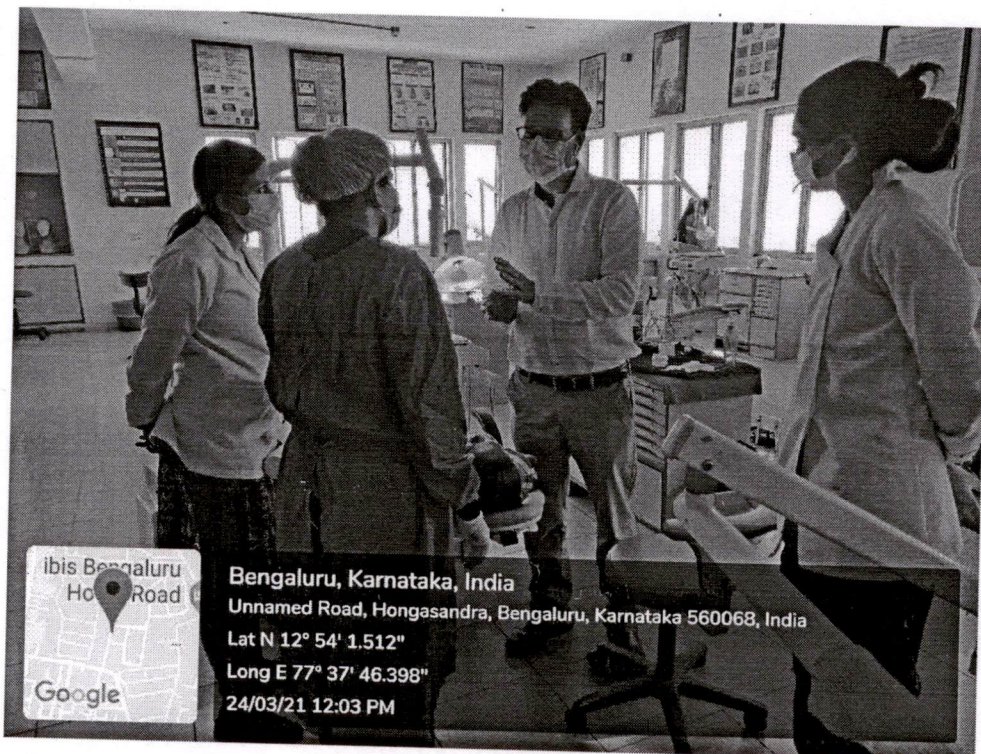
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Discussion sessions on case presentation



Bengaluru, Karnataka, India
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Long E 77° 37' 46.398"
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Case discussion during clinical hours



Seminar and journal club presentations by the students.

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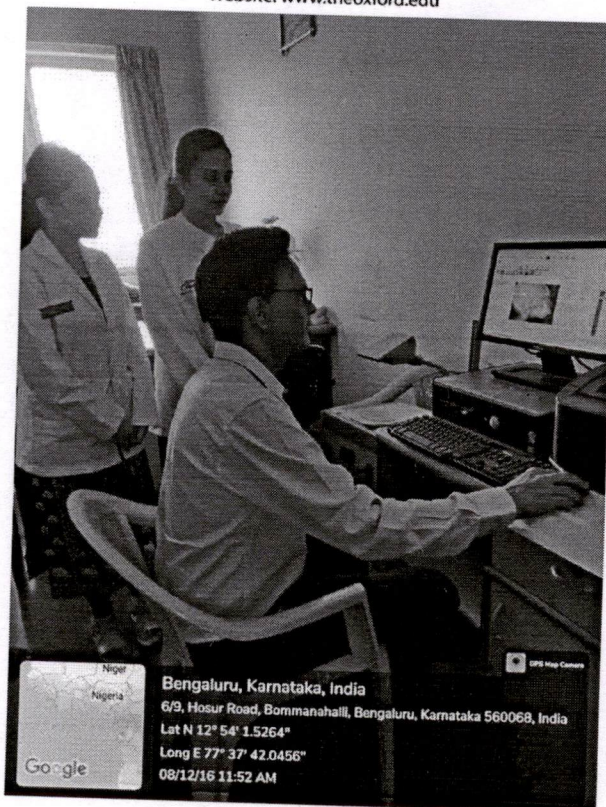
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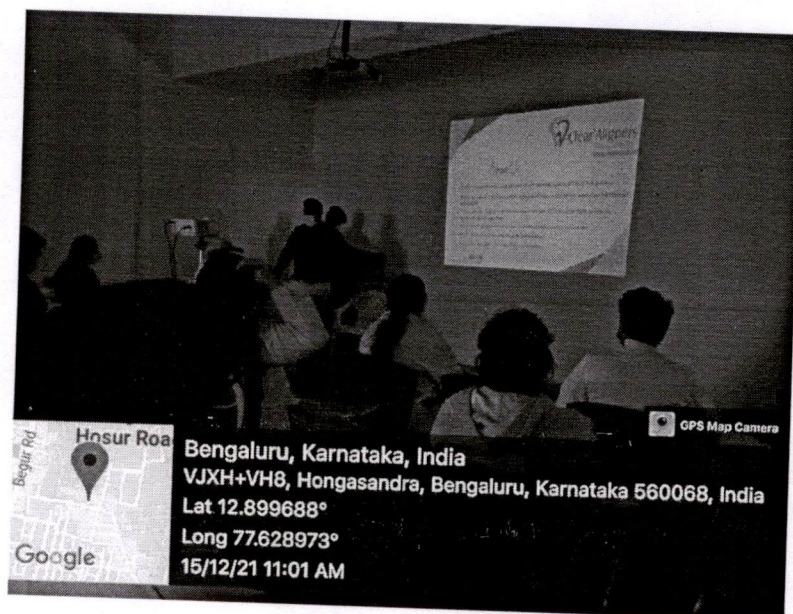
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Demonstration of nemoceph by the staff



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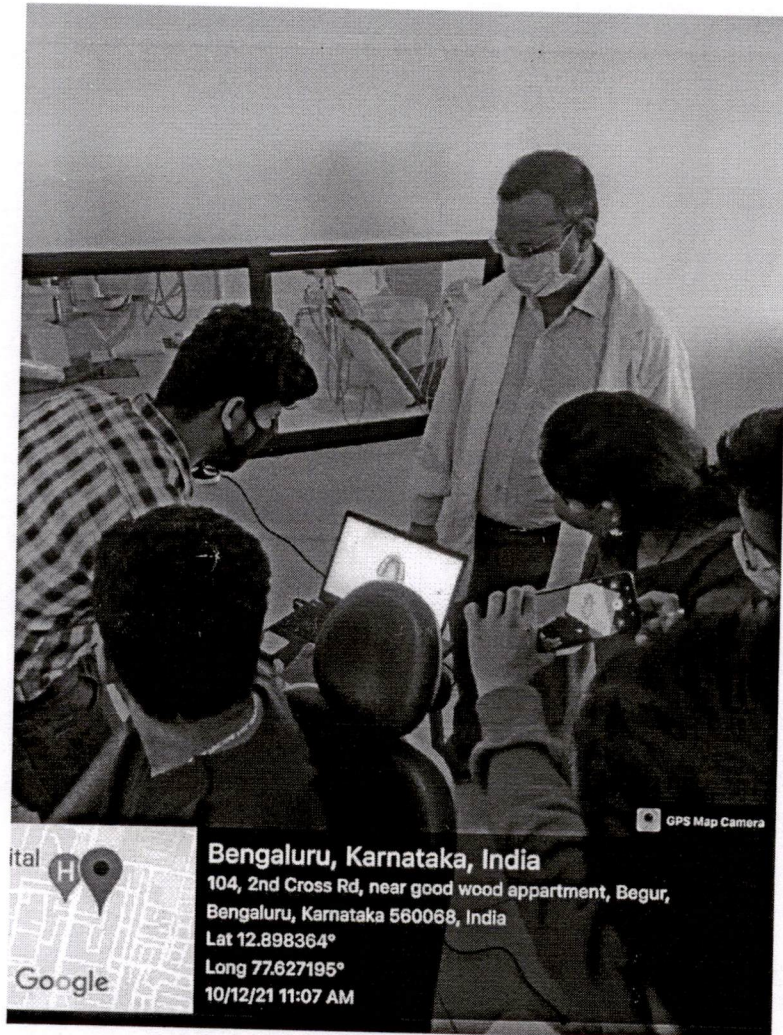
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Workshop conducted in the department.



**Demonstration of intra-oral scanning during aligners (sure smile)
work shop**

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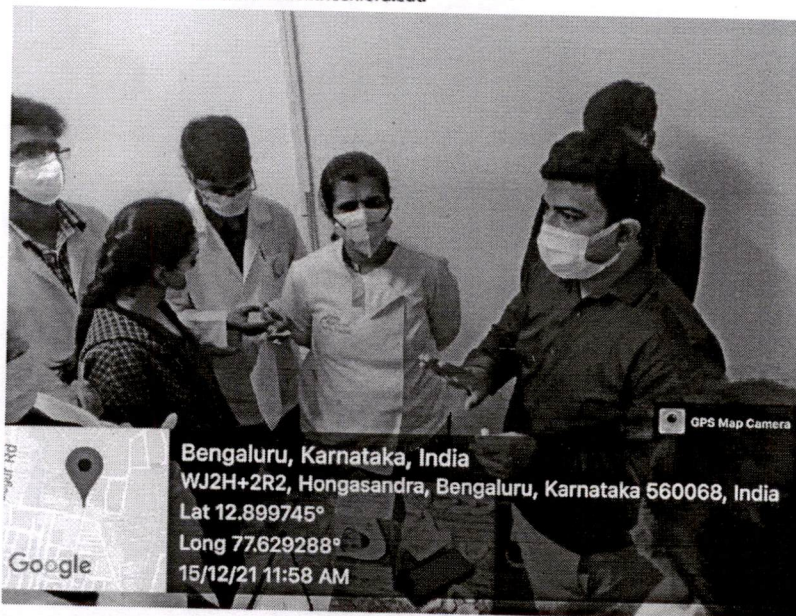
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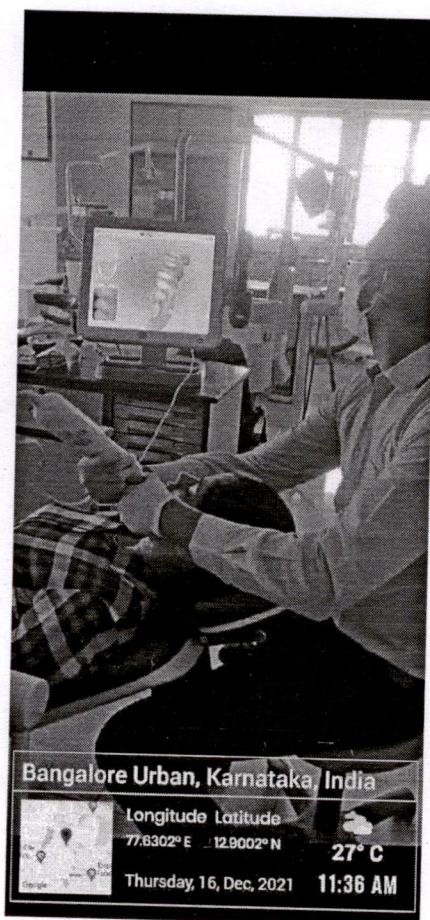
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Hands-on aligners workshop (V-clear)



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Hands-on intra oral scanning demo (aligners)



Conference attended by the Post graduate students



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