

**2.3.2 – Institution facilitates the use of Clinical Skills
Laboratory/ Simulation Based Learning**



PRIYADARSHINI
DENTAL COLLEGE AND HOSPITAL

(Approved by Dental Council of India, New Delhi & Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai - 32.)

PDCH/NAAC/SSR/DEC 2023

DATE: 21-12-2023

Certificate for establishment of simulated laboratories

As per the BDS curriculum prescribed by Dental Council of India the simulated skill laboratories were established in academic year 2008-2009

II BDS Preclinical curriculum

7. PRE CLINICAL CONSERVATIVE DENTISTRY LABORATORY EXERCISES

1. Identification and study of handcutting instruments chisels, gingival margin trimmers, excavators and hatchet.

2. Identification and use of rotary cutting instruments in contra angle hand pieces burs
(Micromotor)

3. Preparation class I and extended class I and class II and MOD's and class V amounting to 10 exercises in plaster models.

4. 10 exercises in mounted extracted teeth of following class I, 4 in number class I extended cavities

2, class II 4 in number and Class V 2 in number. Cavity preparation base application matrix and wedge placement restoration with amalgam.

Managed by Indira Education and Charitable Trust

Redg Off: No .19, Govindan street, Ayyavoo colony, Aminjikarai, Chennai - 600029

Tel: 044 2374 1616/1717/1818/1919

Campus Off: No.1, V.G.R Gardens, V.G.R Nagar, Pandur – 631203. Thiruvallur.

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**PRIYADARSHINI DENTAL COLLEGE & HOSPITAL,
PANDUR - 631 203.**

THIRUVALLUR TK & DIST. TAMIL NADU



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5. Exercises on phantom head models which includes cavity preparation base and varnish application matrix and wedge placement followed by amalgam restoration.

Class I 5

Class I with extension 2

Class II 10

Class II Mods 2

Class V and III for glass ionomers 4

Class V for amalgam 2

6. Polishing of above restorations.

7. Demonstration of Class III and Class V cavity preparation. For composites on extracted tooth completing the restoration.

8. Polishing and finishing of the restoration of composites.

9. Identification and manipulation of varnish bases like Zinc Phosphate, Poly carboxylate, Glass Ionomers, Zinc Oxide, Eugenol cements.

10. Identification and manipulation of various matrices, tooth separators and materials like composites and modified glass ionomer cements.

11. Cast Restoration

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1. Preparation of Class II inlay cavity
 2. Fabrication of wax pattern
 3. Sprue for inner attachment investing
 4. Investing of wax pattern
 5. Finishing and cementing of class II inlay in extracted tooth.
12. Endodontics
1. Identification of basic endodontic instruments
 2. Coronal access cavity preparation on extracted. Upper central incisors
 3. Determination of working length.
 4. Biomechanical preparation of root canal space of central incisor
 5. Obturation of root canal spaces.
 6. Closure of access cavity

Dr. A. JAYASENTHIL., MDS.
PROFESSOR & HEAD
DEPARTMENT OF CONSERVATIVE
DENTISTRY & ENDOODONTICS
PRIYADARSHINI DENTAL COLLEGE & HOSPITAL



Dr. Abby Abraham, MCS, DICOI, CESC
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Principal

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