

UG Dental

Digital educational materials covering the complete undergraduate DCI specified curriculum.

Peer reviewed, periodically updated, customizable packages. Available presently in English, Tamil and Hindi (All major Indian languages to be covered by end - Dec. 2024).

Included: AV lectures, succinct text/ notes, all lab sessions, procedure videos, question banks and assessments.



Effective self-directed learning, faculty assistance in online or on campus instruction, strong practical orientation



Clinical exposure and chairside procedures; AV sessions and notes covering basic procedures and common cases.



Extensive range of exhibits plus lab sessions and practice sessions with dental materials, 2D/3D animations and procedure videos on patients.



Assessments & Analytics: A comprehensive question bank for formative assessments, automated evaluation and other classroom admin support for faculty in the LMS.

Two-column format: Notes and brief explanations (alongside a range of exhibits, pictures, animations, illustrations, etc.)



Acrylic Resins

Compression-Molding Technique

- The polymer - Monomer is mixed in a ratio of 3:1 by volume in a mixing jar. Polymerization shrinkage of methyl methacrylate is 21%. This is reduced to 6% by pre polymerized particles present in the powder
- The stages through which the mix passes are
 - Sandy stage, stringy stage, dough stage, rubbery or elastic stage, and the stiff stage
- Polymerization is an exothermic process. The polymerization cycle used can be a long curing cycle of 74°C (165 f) for 8 hrs with no terminal boil or a short curing cycle of 74°C (165 f) for 2 hrs with terminal boil 100°C for 1 hr
- The flasks are allowed to bench cool for 30 min or cooled under tap water for 15 min before deflasking, to avoid warpage of denture material
- Chemically activated denture base resins

Exhibits (images and videos) embedded into the digital books

Learning Objectives

Dental Mammoth

Language options

Audio options

Page turn format

AI Generated updates

MCQs

Questions for Descriptive responses

An exhaustive compilation of richly illustrated A-V lectures set to curriculum, integrated into digital books.

Video Player

09:56 / 33:00

Similar UG packages for MBBS, BSc (Nursing) and BHMS, are also available

UG packages in Physiotherapy, Ayurveda, Allied Health will be ready during 2024

Course Administration platform (for all us courses) integrated with content/question also ready for deployment