

Ceramic Lab CAD/CAM EQUIPMENT

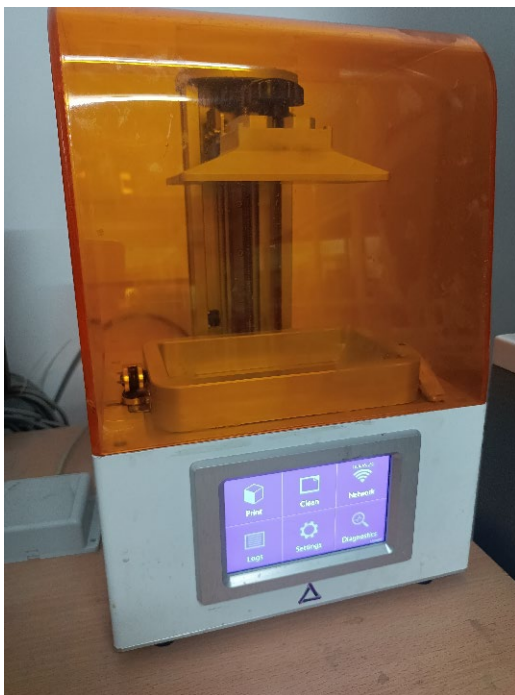
MEDIT T 500 Lab Scanner

Our laboratory uses Medit T-500 3D scanner, for digital model fabrication from impressions or positive replicas. This scanner is equipped with full arch and multi die modes for reproducing a variety of prosthetic requirements. It also reciprocates semi- adjustable and fully adjustable articulators like Kavo, Sam, Artex etc., other than the normal three point and slab articulators for virtual articulation of digital models. It can be customized for endodontic and orthodontic purposes. CAD models thus generated are integrated to EXOCAD, a licensed software, for designing different fixed prosthodontic solutions.



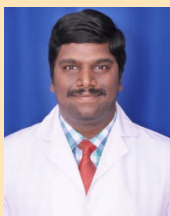
Ackuretta Free Shape 120 3D Printer

Computer assisted designs are converted to physical models/prothesis using Ackuretta 3D resin printer employing DLP TECHNOLOGY. The prints are precise up to 0.01 mm and ensure the best fit for all kinds of dental appliances.



IVOCLAR Digital Programill PM7 Milling Machine

High end CAD prostheses like Zirconium crowns and bridges, Titanium abutments, Lithium di-silicate substitutes are milled using 5 axis and 8 discs supported PM7 milling machine, a 1 stop solution for dry and wet milling. This digitally controlled apparatus offers esthetic as well as cutting edge precision. Regular metal, polymer, wax, and newer materials like PEEK, PEKK, etc., can also be milled using this equipment.



Dr. G. Vineeth

Dr. G. Vineeth, Reader, Department of Prosthodontics, is currently the in-charge for dental lab technology program and specialises in CAD-CAM and 3D printing. He has 6 years of teaching experience and 13 publications to his credit. His research interests are improving dental materials, advances in implant surgery and preservation of tissues.

☎ +91-9951581618

✉ guduri.vineeth@vdc.edu.in