



Inderprastha Dental College & Hospital

DETAILS OF THE FACILITIES AND INNOVATIONS MADE

IPDC strive to be a pioneer in dental research and is always a step ahead in advancing dental education

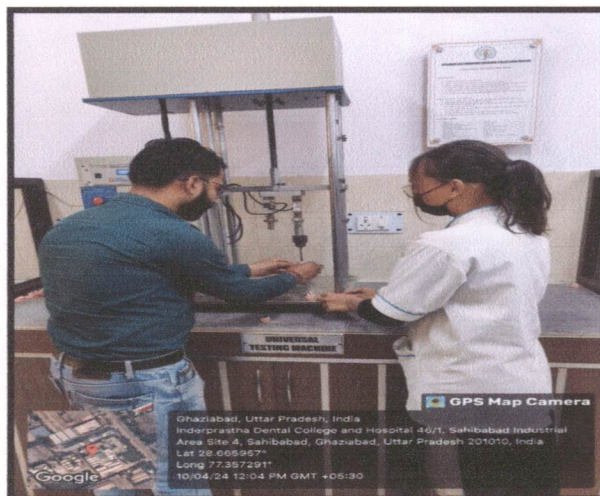
Laminar flow and universal testing machine is a big step towards promotion of advanced research. Both are undergraduate and postgraduate students and staff are encouraged to use these advanced equipments.

Vertical laminar air flow is installed in the research centre which assists students to pursue the research regarding study of anaerobic bacteria.

Presence of Universal Testing machine enables to pursue wide range of research regarding shear, compressive, flexural, debonding and fracture strength of various dental materials.



LAMINAR AIR FLOW



UNIVERSAL TESTING MACHINE





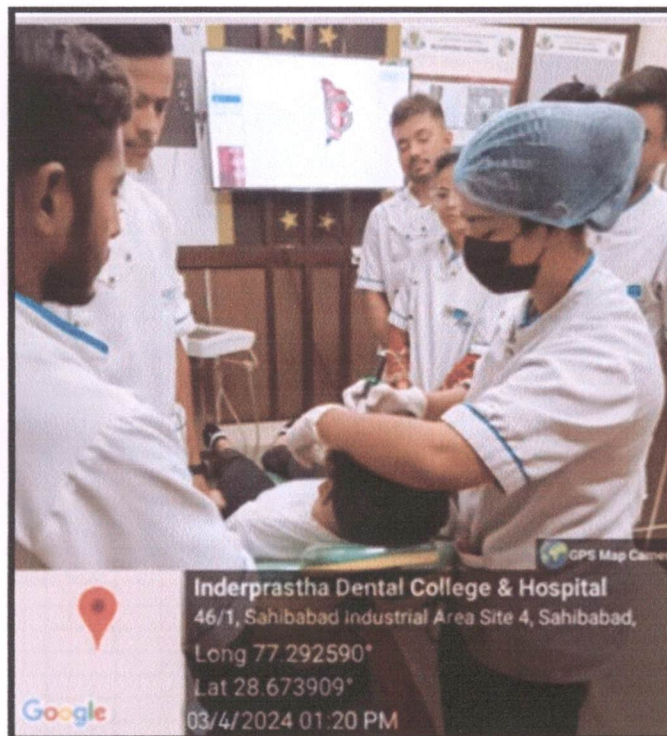
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IPDC aims to create an advanced learning centre within the premises. A combination of 3D Scanner and 3D Printer provides a step towards Digital Dentistry.

Final year undergraduates learn to use this equipment during their postings in the Department of Orthodontics and Prosthodontics. Our post-graduate students use printer to fabricate models and clear aligners and deliver high-quality treatment to the patients.

Students are using digitally scanned impressions and printing the cast instead of traditional impression making and pouring plaster casts. Students are also taught to read the scans and transfer the files for 3D printing. Scanning and printing are now an integral part of practice by students and staff to deliver precise treatment in less time.



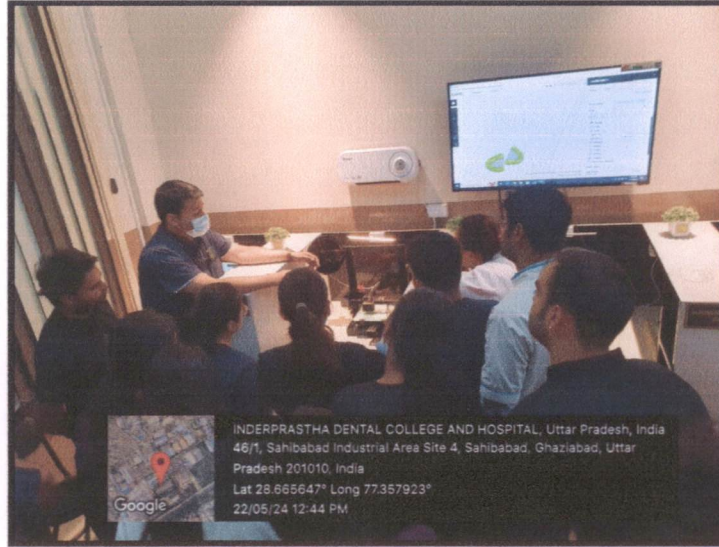
SCANNER DEMONSTRATION





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3D PRINTING DEMONSTRATION

