

Dental Graduate attributes in our institute are aimed at guiding the students to acquire adequate knowledge, necessary skills and reasonable attitudes which are required for carrying out activities appropriate to general dental practice while understanding the concept of community oral health education. The new graduate's abilities and traits are expressed as thorough professionalism, adequate scientific knowledge regarding patient care and serving the society at large.

As regarding professionalism, BDS graduates will have mastered the following skills by the time they graduate:

- Empathy, compassion, honesty, integrity, resilience, and a lifelong curiosity, as well as the capacity to display.
- Use a scientific approach to dentistry that is based on current research.
- Self-awareness, the capacity to recognise when clinical issues surpass their knowledge and abilities, and a willingness to seek assistance.
- The capacity to constructively provide, and receive criticism through evaluation, performance review, or assessment.
- The capacity to recognise and respond to their own learning requirements.
- To use time management and organisational abilities effectively.
- Maintain their own bodily, emotional, social, and spiritual well-being, as well as an understanding of the value of professional assistance in this process.
- The capacity to employ stress management measures to oneself, patients, and the dentistry team as needed.
- A complete awareness of the ethical concepts and legal obligations that come with providing dental treatment to specific patients, knowledge of how to use modern information technology for documentation such as patient records, communication, data management, and health-care applications.
- The capacity to conduct effective peer evaluation to help coworkers enhance their performance.
- Maturity and responsibility to uphold the best standards of dental practise throughout one's career.
- The capacity to comprehend and implement relevant federal, state, and territorial legislation to dental practise.

Pertaining to Scientific Knowledge, our BDS graduates will have mastered the following skills by the time they graduate:

- Understanding of basic biological, medicinal, technological, and clinical sciences in order to distinguish between normal and abnormal states in clinical dentistry
- Skills to analyse oral health
- Knowledge of how to prevent, diagnose, and treat problems with the teeth, mouth, jaws, and other related structures
- Understanding of how to manage oral and medical disorders (pharmacological, physical, dietary, behavioural, and psychological).
- Possess the skill to carry out certain investigative procedures and ability to interpret laboratory findings
- The ability to offer treatment alternatives based on the most up-to-date information
- Be conversant with pharmacology in general medicine and understand pharmacology and therapeutics related to clinical dental practise.
- Sterilisation, disinfection, antisepsis, and infection control scientific concepts
- Awareness of the dangers of ionising radiations and their effects on biological tissues, as well as the restrictions governing their usage, such as dose reduction and radiation protection
- Understanding of research methodologies and how they are used
- The capacity to gather fresh information from a variety of sources, analyse and evaluate it critically, and use it correctly in the delivery of oral health care
- Understand the fundamentals of dental office administration, financial, and personnel management.

BDS graduates will have developed empathy during patient care upon graduation which would be reflected by:

- The ability to communicate with patients from various backgrounds, including the ability to listen to, respond to, and provide appropriate information to patients
- Consideration for the patients' views and expressed requirements
- The capacity to recognise patient preferences, expectations, and attitudes throughout treatment planning and delivery
- The capacity to manage chronic disease and disability, as well as the possible impact of chronic illness and disability on the patient's oral health
- The ability to gather a complete dental, medical, and social history, as well as execute a full oral examination
- The ability to combine and analyse clinical data in order to arrive at a correct diagnosis or differential diagnosis
- The capacity to conduct suitable dental operations effectively and safely, especially emergency procedures, with proper respect for the patient's comfort;
- The ability to relieve pain and give effective therapy (physical comfort)
- Providing ways to the patients to overcome bad behaviours which have a negative impact on the oral health
- Preventing cross infections by maintaining a strict protocol of sterilisation and disinfection

While serving the society at large, our BDS alumni will have achieved the following skills at graduation:

- The capacity to contribute to their communities wherever they choose to live and work;
- Oral health promotion abilities, including both primary and secondary prevention;
- A knowledge of the concepts of oral health literacy, as well as a willingness and aptitude to participate to community oral health education.
- Understanding of the burden of oral illness in India's various groups and geographic areas
- The ability to recognise the needs of health-care systems in a multicultural community
- The capacity to consider the local, regional, and national implications of health-care concerns;
- The ability to respect community values, including an understanding of a variety of backgrounds and cultural beliefs

The following has been employed by the institute for **evaluation and implementation** of the above stated attributes:

- The undergraduates are strictly monitored for abiding by the time for clinics/labs and lectures
- A strict dress code is to be adhered by each student.
- The policy of beneficence and do not harm, one of the pillars of ethical codes are inculcated during the orientation programme and the same is monitored time after time.
- The students are made to do pre-clinical work on typhodont, simulation labs prior to treating patients
- They are evaluated after each exercise by trained experienced faculties of GDCH, Ahmedabad.
- After each clinical posting the student is assessed for clinical expertise by means of term end assessments containing practical examination on patients and viva-voce.
- Practical knowledge is assessed by means of regulations laid by DCI (OSCE/OSPE for internal examination (clinical procedures, pre-clinical exercises, spotters etc)) and Gujarat University.
- Theoretical knowledge is assessed through two internal assessments at interval of every 5 months, preliminary theory examination before university examination and university exams. MCQs are given for evaluation after three- four topics. The methods of evaluation include MCQS, short notes, essay questions etc.
- Training students to present during revision lectures on small topics for 5-8min encourages them to confidently present in front of others and also improves peer-based learning.
- Students are encouraged to make projects on given topics on regular basis.
- Specialized clinics training help students gain confidence in various treatment modalities and interdisciplinary approach.