



SVS INSTITUTE OF DENTAL SCIENCES

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Dental Graduate Attributes

There is a growing trend on the need in higher professional education in relation to the integration & imbibition of attributes in undergraduate curriculum. Integration of these skills in the curriculum echoes a novel approach to learning, teaching and assessment methods.

The attributes incorporated are hereby mentioned below:

- A) Professionalism & Ethics
- B) Theoretical and clinical Knowledge
- C) Project based learning approach
- D) Research skills
- E) Social responsibility

A) Professionalism & Ethics:

- The ability to apply reflective practice skills and recognition of their importance in health care.
- Employ a critically reflective approach to practise dentistry based on current evidence.
- Self-awareness, the ability to recognise when clinical problems exceed their knowledge and skill, and a willingness to seek help and/or to refer.
- The ability to manage uncertainty.
- The ability to apply effective time management and organizational skills.
- The ability to apply strategies of stress management to oneself, to patients and to the dental team as appropriate.
- A thorough understanding of the ethical principles and legal responsibilities involved in the provision of dental care to individual patients.

B) Theoretical and clinical Knowledge:

- Knowledge of the basic biological, medical, technical and clinical sciences in order to recognise the difference between normal and pathological conditions relevant to clinical dental practice.
- Skills to analyse oral health as it relates to symptoms, signs and pathology.
- Skills required to prevent, diagnose and treat anomalies and illnesses of the teeth, mouth, jaws and associated structures.
- Knowledge of the management and interaction (pharmacological, physical, nutritional, behavioural and psychological) of important oral and medically-related conditions.
- Skills to provide treatment options based on the best available information.

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- Understand pharmacology and therapeutics relevant to clinical dental practice and be familiar with pharmacology in general medicine.
- Scientific principles of sterilisation, disinfection and antisepsis and infection control.
- Knowledge of the hazards of ionising radiations and their effects on biological tissues, together with the regulations relating to their use, including radiation protection and dose reduction.
- Understand basic principles of practice administration, financial and personnel management to a dental practice.

C) Project based learning approach:

- Involving students in making projects on regular basis.

D) Research skills :

- Engagement in original research under the mentorship of respective teachers.

E) Social responsibility.

- The ability to contribute to their communities wherever they choose to live and work.
- Knowledge of the principles of efficient and equitable allocation and use of finite resources in especially in the public oral health care systems.
- The ability to work effectively as a dentist within a quality and safety framework including the ability to recognise, respond to and learn from adverse events.
- Knowledge of the structure of the Australian oral health care system.
- An understanding of the role of political systems in shaping health and oral health care systems locally, nationally and internationally.
- Skills of provision of continuity, coordination and integration of oral health care to the individual patient and to the community.

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