



MALLA REDDY INSTITUTE OF DENTAL SCIENCES

(SPONSORED BY : CHANDRAMMA EDUCATIONAL SOCIETY)

Recognized by Dental Council of India, New Delhi, Ministry of Health & Family Welfare Govt. of India.
Affiliated to Kaloji Narayana Rao University of Health Sciences, Warangal, Telangana.

LEARNING OUTCOMES AND GRADUATE ATTRIBUTES

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LEARNING OUTCOMES OF BDS AS PER DCI REGULATIONS

The dental graduates during training in the institutions should acquire adequate knowledge, necessary skills and reasonable attitudes which are required for carrying out all activities appropriate to general dental practice involving the prevention, diagnosis and treatment of anomalies and diseases of the teeth, mouth, jaws and associated tissues. The graduate also should understand the concept of community oral health education and be able to participate in the rural health care delivery programmes existing in the country.

OBJECTIVES:

The objectives are dealt under three headings (a) Knowledge and understanding (b) skills and (c) Attitudes.

(A) KNOWLEDGE AND UNDERSTANDING:

The graduate should acquire the following during the period of training.

1. Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and be able to evaluate and analyse scientifically various established facts and data.
2. Adequate knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general state of health and also bearing on physical and social well being of the patient.
3. Adequate knowledge of clinical disciplines and methods which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive diagnostic and therapeutic aspects of dentistry.
4. Adequate clinical experience required for general dental practice.
5. Adequate knowledge of the constitution, biological function and behaviour of persons in health and sickness as well as the influence of the natural and social environment on the state of health in so far as it affect dentistry.

(B) SKILLS:

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A graduate should be able to demonstrate the following skills necessary for practice of dentistry.

1. Able to diagnose and manage various common dental problems encountered in general dental practice keeping in mind the expectations and the right of the society to receive the best possible treatment available wherever possible.
2. Acquire the skill to prevent and manage complications if encountered while carrying out various surgical and other procedures.
3. Possess skill to carry out certain investigative procedures and ability to interpret laboratory findings.
4. Promote oral health and help prevent oral diseases where possible.
5. Competent in the control of pain and anxiety among the patients during dental treatment.

(C) ATTITUDES:

A graduate should develop during the training period the following attitudes.

1. Willing to apply the current knowledge of dentistry in the best interest of the patients and the community.
2. Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.
3. Seek to improve awareness and provide possible solutions for oral health problems and needs through out the community.
4. Willingness to participate in the CPED Programmes to update the knowledge and professional skill from time to time.
5. To help and participate in the implementation of the national oral health policy.




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LEARNING OUTCOMES OF MDS AS PER DCI REGULATIONS

The objective of the post-graduate training is to train a student so as to ensure higher competence in both general and special area of interest and prepare him or her for a career in teaching, research and speciality practice. A student must achieve a high degree of clinical proficiency in the subject and develop competence in research and its methodology in the concerned field.

The objectives to be achieved by the candidate on completion of the course may

be classified as under:—

- (a) Knowledge (Cognitive domain)
- (b) Skills (Psycho motor domain)
- (c) Human values, ethical practice and communication abilities

(a) KNOWLEDGE._

- (i) demonstrate understanding of basic sciences relevant to speciality;
- (ii) describe etiology, pathophysiology, principles of diagnosis and management of common problems within the speciality in adults and children;
- (iii) identify social, economic, environmental and emotional determinants in a given case and take them into account for planned treatment;
- (iv) recognise conditions that may be outside the area of speciality or competence and to refer them to the concerned specialist;
- (v) update knowledge by self study and by attending courses, conferences and seminars pertaining to speciality;
- (vi) undertake audit, use information technology and carry out research in both basic and clinical with the aim of publishing or presenting the work at various scientific gathering;

(b) SKILLS:
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- (i) take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition;
- (ii) acquire adequate skills and competence in performing various procedures as required in the speciality.

(c) HUMAN VALUES, ETHICAL PRACTICE AND COMMUNICATION ABILITIES.

- (i) adopt ethical principles in all aspects of practice;
- (ii) foster professional honesty and integrity;
- (iii) deliver patient care irrespective of social status, caste, creed, or religion of the patient;
- (iv) develop communication skills, to explain various options available and obtain a true informed consent from the patient;
- (v) provide leadership and get the best out of his team in a congenial working atmosphere;
- (vi) apply high moral and ethical standards while carrying out human or animal research;
- (vii) be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed;
- (viii) respect patient's rights and privileges including patient's right to information and right to seek a second opinion

A handwritten signature in green ink, appearing to read 'Naravane'.

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DENTAL GRADUATE ATTRIBUTES

Dental graduate attributes are the competencies and qualities that dental students should develop by the end of their degree program. Dental graduates are expected to provide quality oral healthcare services to their patients. Students are trained to acquire adequate knowledge, understanding and necessary skills that are required to carry out dental practice.

Dental Graduate Attributes Are:

1. Professional Excellence:

Students will be able to master essential qualities like empathy, compassion, honesty, integrity, and resilience demonstrating a lifelong curiosity in the ever-evolving field of dentistry and utilizing a scientific approach grounded in the latest research to deliver high-quality dental care.

2. Scientific Proficiency:

Students will be able to possess a solid understanding of basic biological, medicinal, and clinical sciences, forming the foundation for clinical excellence, applying scientific knowledge to distinguish between normal and abnormal states in clinical dentistry and demonstrating proficiency in research methodologies for evidence-based dental practice.

3. Clinical Competency:

The graduate should be competent to prevent and manage any medical emergencies in dental practice. Students should be able to diagnose, prevent, and treat problems related to teeth, mouth, and jaws with a comprehensive understanding of oral health, effectively managing oral disorders and conducting investigative procedures, interpreting laboratory findings, and offering treatment alternatives based on the latest information.

4. Communication Skills:


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Students will be able to communicate and engage with patients, patient's families, and communities in relation to oral health. They should be able to present clear information in a timely manner regarding treatment options to be provided and also communicate with other health professionals involved in patient care when required.

5. Patient-Centric Care:

Students should be able to demonstrate effective communication with patients from diverse backgrounds, fostering a patient-centered approach, considering patient preferences, expectations, and attitudes throughout the treatment planning and delivery process and effectively managing chronic diseases and disabilities with recognition of their potential impact on the patient's oral health. Students must be able maintain accurate, consistent records of patient management and protect patient privacy

6. Efficient Time Management:

Students should demonstrate proficiency in effective time management and organizational skills, ensuring optimal workflow in dental practice, efficiently managing tasks while balancing patient care responsibilities with administrative duties, and strategically prioritizing and allocating time for enhanced productivity.

7. Ethical And Legal Acumen:

Students will be able to possess a comprehensive understanding of ethical principles and legal obligations associated with providing dental treatment, proficiently utilizing modern information technology for documentation and communication, and ensuring compliance with ethical standards and legal requirements in patient care and record-keeping practices.

8. Peer Collaboration And Professional Standards:

Students will be able to engage in effective peer evaluations to facilitate continuous improvement and shared professional growth, while upholding the highest standards of dental practice, demonstrating maturity, responsibility, and commitment to excellence.

9. Community Engagement:


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Students will be able to actively contribute to communities with oral health promotion abilities, participating in both primary and secondary prevention efforts, possess knowledge of oral health literacy and actively engage in community oral health education, and understand and address the burden of oral illness in diverse populations, recognizing the importance of community-specific oral health interventions.

10. Holistic Well-Being:

Students should be able to actively maintain personal well-being, encompassing physical, emotional, social and spiritual dimensions recognizing the importance of seeking professional assistance when needed to enhance overall health and applying stress management measures for themselves, patients and the dental team to foster a positive and supportive practice environment.




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