

VANANCHAL DENTAL COLLEGE & HOSPITAL
GARHWA, JHARKHAND
COURSE OUTCOME - BDS

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

(A) KNOWLEDGE AND UNDERSTANDING

The undergraduate acquire the following during the period of training:

1. Adequate knowledge of the scientific foundation on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions; ability to evaluate and analyze 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 behavior of persons in health and sickness as well as the influence of the natural and social environment in the state of health in so far as it affect dentistry.

(B) SKILLS:

An undergraduate is being able to demonstrate the following skills necessary for practice of dentistry:

1. 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. Prevent and manage complications if encountered while carrying out various surgical and other procedures.
3. Carry out certain investigative procedures and ability to interpret laboratory findings

4. Promote oral health and help prevent oral diseases where possible.
5. Control pain and anxiety among patients during dental treatment.

(C) ATTITUDES:

An undergraduate develops during the training the following attitudes.

1. Willingness to apply current knowledge of dentistry in the best interest of the patient and community.
2. Maintain a high standard of professional ethics and conduct and apply these in all aspect of professional life.
3. Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.
4. Willingness to participate in the CPED programmers to update knowledge and professional skills from time to time.
5. Help and participate in the implementation of the national oral health policy.

VANANCHAL DENTAL COLLEGE & HOSPITAL
COURSE OUTCOME-MDS

The post-graduate training in various specialties is to train the graduate in Dental Surgery who will:

- I. practice respective specialty efficiently and effectively, backed by scientific knowledge and skill;
- II. exercise empathy and a caring attitude and maintain high ethical standards;
- III. continue to evince keen interest in professional education in the specialty and allied specialties whether in teaching or practice;
- IV. willing to share the knowledge and skills with any learner, junior or a colleague;
- V. To develop the faculty for critical analysis and evaluation of various concepts and views and to adopt the most rational approach.

The objective of the post-graduate program 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 specialty 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 specialty;
- ii. describe etiology, patho physiology, principles of diagnosis and management of common problems within the specialty 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. recognize conditions that may be outside the area of specialty 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 specialty;
- vi. Undertake audit, use information technology and carry out research in both basic and clinical with the aim of publishing the work at various scientific gathering.

(b) SKILLS:

- I Take a proper clinical history, examine the patient, perform essential diagnostic 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 specialty.

(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 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.