



## ARMY COLLEGE OF DENTAL SCIENCES

Chennapur –CRPF Road , Jai Jawaharnagar Post, Secunderabad – 500 087, Telangana

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NAAC Accredited 'A' & Certified ISO 9001 : 2015 & ISO 14001 : 2015

### Ethics and Behavioral Sciences Course Structure

## **DENTAL COUNCIL OF INDIA**

### **BDS COURSE REGULATIONS 2007**



## **DENTAL COUNCIL OF INDIA**

Temple Lane, Kotla Road  
New Delhi – 110 002

22. BEHAVIOURAL SCIENCES (20 hrs of instruction)

GOAL:

The aim of teaching behavioural sciences to undergraduate student is to impart such knowledge & skills that may enable him to apply principles of behaviour –

- a) For all round development of his personality
- b) In various therapeutic situations in dentistry.

The student should be able to develop skills of assessing psychological factors in each patient, explaining stress, learning simple counselling techniques, and improving patients compliance behaviour.

OBJECTIVES:

A) KNOWLEDGE & UNDERSTANDING:

At the end of the course, the student shall be able to:

- 1) Comprehend different aspects of normal behaviour like learning, memory, motivation, personality & intelligence.
- 2) Recognise difference between normal and abnormal behaviour.
- 3) Classify psychiatric disorders in dentistry.
- 4) Recognise clinical manifestations of dental phobia, dental anxiety, facial pain, orofacial manifestations of psychiatric disorders, and behavioural problems in children. Addictive disorders, psychological disorders in various dental departments.
- 5) Should have understanding of stress in dentistry and knowledge of simple counselling techniques.
- 6) Have some background knowledge of interpersonal, managerial and problem solving skills which are an integral part of modern dental practice.
- 7) Have knowledge of social context of dental care.

B) SKILLS

The student shall be able to:

- 1) Interview the patient and understand different methods of communication skills in dentist - patient relationship.

7) Have knowledge of social context of dental care.

#### B) SKILLS

The student shall be able to:

- 1) Interview the patient and understand different methods of communication skills in dentist - patient relationship.
- 2) Improve patients compliance behaviour.
- 3) Develop better interpersonal, managerial and problem solving skills.
- 4) Diagnose and manage minor psychological problems while treating dental patients.

#### INTEGRATION:

The training in Behavioural sciences shall prepare the students to deliver preventive, promotive, curative and rehabilitative services to the care of the patients both in family and community and refer advanced cases to specialised psychiatric hospitals.

Training should be integrated with all the departments of Dentistry, Medicine, Pharmacology, Physiology and Biochemistry.

#### PSYCHOLOGY:

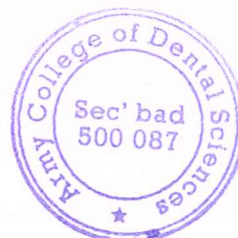
1. Definition & Need of Behavioural Science. Determinants of Behaviour. Hrs 1 Scope of Behavioural Science.
2. Sensory process & perception perceptual process- clinical applications.
3. Attention - Definition - factors that determine attention. Clinical application.
4. Memory - Memory process - Types of memory , Forgetting:  
Methods to improve memory, Clinical assessment of memory & clinical applications.
5. Definition - Laws of learning  
Type of learning. Classical conditioning, operant conditioning, cognitive learning, Insight learning, social learning, observational learning, principles of learning- Clinical application.
6. Intelligence- Definition: Nature of intelligence stability of intelligence  
Determinants of intelligence, clinical application
7. Thinking - Definition: Types of thinking, delusions, problem solving
8. Motivation - Definition: Motive, drive, needs classification of motives
9. Emotions - Definition differentiation from feelings - Role of hypothalamus, Cerebral cortex, adrenal glands ANS. Theories of emotion, Types of emotions.  
Personality. Assessment of personality: Questionnaires, personality inventory, rating scales, Interview projective techniques - Rorshach ink blot test , RAT, CAT

#### SOCIOLOGY:

Social class, social groups - family, types of family, types of marriages, communities and Nations and institutions.

#### REFERENCE BOOKS:

1. General psychology -- S.K. Mangal
2. General psychology -- Hans Raj, Bhatia
3. General psychology -- Munn
4. Behavioural Sciences in Medical practise -- Manju Mehta
5. Sciences basic to psychiatry -- Basanth Puri & Peter J Tyrer



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5. Sciences basic to psychiatry -- Basanth Puri & Peter J Tyrer

**23. ETHICS (20 hrs. of instruction)**

Introduction:

There is a definite shift now from the traditional patient and doctor relationship and delivery of dental care. With the advances in science and technology and the increasing needs of the patient, their families and community, there is a concern for the health of the community as a whole. There is a shift to greater accountability to the society. Dental specialists like the other health professionals are confronted with many ethical problems. It is therefore absolutely necessary for each and every one in the health care delivery to prepare themselves to deal with these problems. To accomplish this and

develop human values Council desires that all the trainees undergo ethical sensitization by lectures or discussion on ethical issues, discussion of cases with an important ethical component.

Course content:

Introduction to ethics -

- what is ethics?
- What are values and norms?
- How to form a value system in one's personal and professional life?
- Hippocratic oath.
- Declaration of Helsinki, WHO declaration of Geneva, International code of ethics, DCI Code of ethics.

Ethics of the individual -

- The patient as a person.
- Right to be respected
- Truth and confidentiality
- Autonomy of decision
- Doctor Patient relationship

Profession Ethics -

- Code of conduct
- Contract and confidentiality
- Charging of fees, fee splitting
- Prescription of drugs
- Over-investigating the patient
- Malpractice and negligence

Research Ethics -

- Animal and experimental research/humanness
- Human experimentation
- Human volunteer research-informed consent
- Drug trials

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Human experimentation  
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Drug trials

Ethical workshop of cases

Gathering all scientific factors

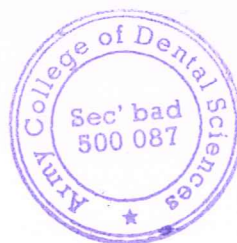
Gathering all value factors

Identifying areas of value - conflict, setting of priorities

Working our criteria towards decisions

Recommended Reading:

Medical Ethics, Francis C.M., I Ed. 1993, Jaypee Brothers, New Delhi p. 189.



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### Ethics and Behavioral Sciences Course Structure and Syllabi

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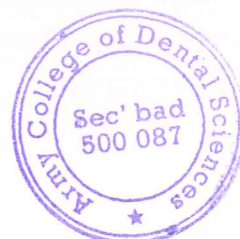


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## Syllabus of Study

1. Human Anatomy, Embryology, Histology & Medical Genetics
2. Human Physiology & Biochemistry, Nutrition & Diatics
3. Dental Anatomy, Embryology and Oral Histology
4. General Pathology & Microbiology
5. General and Dental Pharmacology and Therapeutics
6. Dental Materials
7. Pre Clinical Conservative Dentistry Laboratory Exercises
8. Oral Pathology & Oral Microbiology
9. General Medicine
10. General Surgery
11. Conservative Dentistry and Endodontics
12. Oral & Maxillofacial Surgery
13. Oral Medicine and Radiology
14. Orthodontics & Dentofacial Orthopaedics
15. Paediatric & Preventive Dentistry
16. Public Health Dentistry
17. Periodontology
18. Prosthodontics and Crown & Bridge
19. Aesthetic Dentistry
20. Forensic Odontology
21. Oral Implantology
22. Behavioural Science
23. Ethics



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