

Our institute

The AMC Dental College & Hospital is spread in sprawling 6 acre of land in Khokhra; Located in the heart of the vibrant Ahmedabad city. The foundation of this Institute was laid by present Honourable Prime Minister SHRI NARENDRA MODI on February 2009 and hospital building was inaugurated on June 2011.

AMC Dental College & Hospital is recognized by Dental council of India and is affiliated to Gujarat University. The college has recognised under-graduate (BDS) program with total intake capacity of 100 admissions annually. BDS has curriculum spanning over 4 years plus compulsory 1-year rotating internship. This college also has recognised post-graduate (MDS) program in five clinical branches with total intake capacity of 15 admissions annually. MDS program is of 3 years during which student must undertake and perform many academic, clinical and research activities.

Though being centrally located in a mega city like Ahmedabad; Institute boasts of having one of the largest campus exclusively for Dental college with extraordinary infrastructure. The institute has been planned with such a care keeping student at mind that it has two separate buildings for college and hospital. College building entirely dedicated to academics with multiple lecture rooms, library, examination hall (capacity of 300) and a lavish auditorium (capacity to seat more than 400). Hospital boasts of having state of the art dental equipment and most importantly enormous amount of patient flow which is necessary for providing unparalleled patient exposure and experience in student life. In-campus hostel facility for the students is also available. Separate boys and Girls 6 storeyed hostels are situated within campus with hostel mess. Institute also boasts of having a plush Library facility with colossal collection of printed and digital journals and referral texts along with spacious reading area for the students.

If students, infrastructure and facilities are important legs of this beautiful table; one cannot complete it without forth leg: Faculty members. Institute takes pride in providing protected, yet enriching learning atmosphere created by a group of eminently qualified teaching staff with pyramidal feats and experience. Faculty has successfully created protective cocoon around students that is filled with knowledge and experience with special emphasis on development of self-confidence and self-esteem which helps them grow and get them ready to face the world when they leave the campus with their degree of dental surgery.

All study and no play can make Jack a dull boy. In AMC Dental College this aspect of student life is also not neglected. Students are provided with a platform where they can enjoy themselves and learn to plan events. College hosts annual cultural fests, sports events and celebrates many festivals such as Utrayan, Navratri etc.

AMC Dental College & Hospital is under the wings of AMC Medical Education Trust. Along with us, NHL Municipal Medical College, AMCMET Medical College, SBB Institute of Physiotherapy also fall under the umbrella of Ahmedabad Municipal Corporation Medical Education Trust providing medical and paramedical education.

WELCOME NOTE FROM DEAN

It is my pleasure to welcome you all on behalf of all the staff of AMC Dental College & Hospital. After Mumbai, AMC Dental college & Hospital is the only dental college in India run by Municipal Corporation; and is devoted to Dental Education, Prevention & Care of Dental Diseases, interdisciplinary treatment and scientific research.



The college was started in the year 2009 with intake capacity of 125 annual admissions and is recognised by Dental Council of India. The college is spread over a sprawling green campus in 6 Acres of Area in the middle of the city, well connected to Public Transport of AMTS, BRTS as well as private Transport Vehicles. The college has recognised Post Graduation (MDS) Program in five specialty clinical branches as mentioned below with intake capacity of total 15 annual admissions.

- Orthodontics & Dentofacial Orthopaedics
- Periodontology
- Conservative Dentistry & Endodontics
- Prosthodontics, Crowns & Bridge
- Oral & Maxillofacial Surgery

We take great initiative to train basic dental graduates using newer technology & exposing them to recent advances in the field by inviting various acclaimed guest speakers from different fields of dentistry through CDE Programs.

I wish you all the best for your bright future and welcome you to the professional world of dentistry.

Hope you enjoy your formative years of your career at AMC Dental College.

GENERAL RULES AND REGULATION

1) Attendance: -

Student must have minimum 75% of attendance in each term to be eligible to appear for the annual exam at the end of each year.

2) Discipline: -

Discipline & decorum in the class is an absolute requirement from each student whether in college or hospital premises. Student should be polite & respectful with staff, patients, fellow colleagues & junior colleagues. Indiscipline shall be dealt strictly.

Proper formal dress code with apron and Identity card must be worn by student at all times while attending practical, clinical postings and lectures.

Ragging in no form is permitted & severe disciplinary action would be taken in case any student is found to indulge in any such activity.

3) Internal Evaluation: -

Each student is expected to take internal test at the end of each term & preliminary exams as scheduled for both theory and practical. Examination pattern will be based on University examination. Marks obtained for each test/exam will contribute to total internal examination marks both in theory and practical. Final internal marks will be sent to University before examination and will constitute to 10 marks in university examination. Students whose internal marks do not meet the university criteria will not be allowed to appear in University examination.

4) Payment of Fees and Dues: -

College tuition fees, Hostel fees other expenditure for materials & journals & all other dues must be paid as per schedule. Students who have failed to pay due fees will not be allowed to appear in University examination.

5) Hostel Facility: -

Hostel facility will be provided to the outstation students on 1st come 1st basis.

6) Extracurricular Activities: -

AMC Dental College & Hospital organises various types of extracurricular activities throughout the year and encourages students to participate in them. Institute also encourages students to actively take part in organization of such activities and event. However, the institute will not tolerate lack of attendance because of same.

7) Anti - Ragging Committee: -

The committee has been formed in the institute to prevent any form of ragging/gender harassment within campus. Any form of misadventure by any person within the campus must be reported immediately to member of concerned committee.

THE CURRICULUM

The AMC Dental College is affiliated to Gujarat University and follows new course curriculum as described by DCI. The course is 4 years plus 1-year internship.

Year	Subjects	Preclinics/Practical	Duration
I - BDS	<ul style="list-style-type: none"> • Anatomy • Physiology • Biochemistry • Dental Anatomy and Dental Histology 	<ul style="list-style-type: none"> • Practical • Practical • Practical • Practical 	1 Year
II - BDS	<ul style="list-style-type: none"> • General Pharmacology • General Pathology • Microbiology • Dental Material • Prosthodontics • Conservative Dentistry 	<ul style="list-style-type: none"> • Practical • Practical • Practical • Practical • Preclinical • Preclinical 	1 Year
III-BDS	<ul style="list-style-type: none"> • General Medicine • General Surgery • Oral Pathology • Orthodontics 	<ul style="list-style-type: none"> • Ward/Clinic • Ward/Clinic • Practical • Preclinical 	1 Year
IV-BDS	<ul style="list-style-type: none"> • Oral Diagnosis • Oral Surgery • Conservative Dentistry & Endodontics • Prosthodontics Crown and Bridge • Periodontics • Public Health Dentistry • Pedodontics & Preventive Dentistry • Orthodontics and Dentofacial Orthopaedics 	<ul style="list-style-type: none"> • Clinics • Clinics • Clinics • Clinics • Clinics • Clinics • Clinics • Clinics 	1 Year

INTERNAL EXAMS AND MARKING PATTERN

- One internal and one prelim exams will be conducted for each subject.
- For any absentees in any of the test a retest will be conducted; only after the prelim examination. Hence, a total of 3 exams will be conducted. (3rd only if required)

1st YEAR B.D.S. COURSE AND SYLLABUS

The language of teaching shall be English.

SYLLABUS – OUTLINE OF COURSE

1) Human Anatomy, Embryology, Histology and Medical Genetics:

- General Anatomy: Introduction of Anatomical terms and outline of various systems of body.
- Regional Anatomy of head and neck region
- General disposition of thoracic and abdominal and pelvic organs
- General and systemic embryology with respect to development of head and neck.
- Histology of basic tissues and organ systems
- Medical Genetics

Recommended books for General Anatomy

- Textbook of anatomy- B.D. Churasiya (vol. 1,2,3,)
- Atlas of Anatomy- Gunasegaran
- Text book of General Anatomy/Osteology- G.A. Pal
- Text Book of Embryology- Inderbersingh (8th edition)
- Grant's Dissection
- Gray's Anatomy- Williams

2) Human Physiology

- General Physiology- Haemostasis, Structure of cell membrane, membrane potential etc.
- Blood- Composition and function
- Muscles and Nerves- Classification, structure and properties.
- Digestive System- General structure of G.I. Tract and function.
- Excretory System- Structure and function of kidneys
- Body temperature and functions of skin.
- Endocrinology- Enumeration of endocrine glands and hormones and function.
- Reproduction- Sex Differentiation, physiological anatomy of male and female sex organs.
- Cardiovascular System- Functional anatomy and innervations of heart properties of cardiac muscle
- Respiratory System- Physiology of respiration and functional anatomy of respiratory passage and lungs
- Central Nervous System- Organization, physiology and function.

Recommended Textbooks for Human Physiology

- Textbook of Physiology- Guyton
- Review of Medical Physiology- Ganong

- Concise Medical Physiology- Choudhari
- Human Physiology- Chatterjee

3) Biochemistry and Nutrition

- Chemistry of bioorganic molecules
- Macronutrients and digestion
- Micronutrients
- Energy metabolism
- Special aspects of metabolism
- Biochemical genetics and protein synthesis
- Enzyme and metabolic regulation
- Structural components and blood proteins
- Medical biochemistry

Recommended Textbook for Biochemistry and Nutrition

- Concise text book of Biochemistry- T.N. Pattabiraman
- Nutritional Biochemistry- S Ramakrishnan and S.V.Rao
- Lecture notes in Biochemistry- J.K. Kandlish

4) Dental Anatomy, Embryology and Oral Histology

- Tooth Morphology
- Oral Embryology
- Oral Histology
- Oral Physiology

At the end of 1st year a B.D.S. undergraduate student should be able to

- Know the normal disposition of the structures in the body while doing clinical examination.
- Know the anatomical basis of disease and injury.
- Know the microscopic structure of various tissues.
- Explain the normal functioning of all the organ systems and their interaction.
- List physiological principles underlying the pathogenesis and treatment of disease.
- Have a crisp knowledge on the biochemical basis of the life processes relevant the human system and to dental practice.
- Appreciate the normal development, morphology, structure and function of oral tissues and variations in different pathological and non-pathological states.

PROSTHETIC & DENTAL MATERIALS

Recommended Textbook for Dental Materials

- Phillips Science of Dental Materials-1st South Asian Edition
- Basic Dental Materials by John J. Mannapallil - 4th Edition

Recommended Textbook for Prosthodontics (1st and 2nd BDS)

- Preclinical Manual Of Prosthodontics by S.Lakshi -2nd Edition
- Textbook Of Prosthodontics By V Ranrajar Tv Padmanabhan

PROSTHETIC & DENTAL MATERIALS

1ST B.D.S 2019-2020

LIST OF INSTRUMENTS

Item	Quantity
Macintosh Sheet	3feet*2feet
Rubber Bowls	2(Large) 1(Small)
Plaster Spatula	1straight,1 Curved
Plaster Knife	1
Porcelain Tile	1
Measuring Beaker	1
Sand Paper Sheet	No. 60, 80, 120, 320
Metallic Scale (6...Scale)	1
Non-Perforated Edentulous Metal Trays	1 Set
Cotton Roll	1
Gauze Cloth Roll	1
Copying Pencil Eosin (Lilac)	1 Box
(Purple)/ Indelible Pencil	1 Box
Wax Knife & Wax Spatula	2 Each
Chip Blower	1
Glass Slab	1
Stainless Steel / Cement Spatula)	1
Vaseline	15 ml Jar
Perforated Stock Metal Tray Set	No. 0 To 4 - Maxillary and Mandibular
Set of Measuring Table Spoon	1 Set
Lecron's Carver	1
Dental Flask and Clamp (Large Size)	2
Camel Hair Brush	1
Porcelain Mixing Jar with Lid	1
Dapen Dish	1
Tweezer	1
Mortar and Pestle	1
Surgical Gloves	1 Box
Amalgam Squeezer Cloth	1
Amalgam Carrier	1

Amalgam Condenser:	
Parallelogram	1
Cylindrical	1
Ball Burnisher	1
Diamond Carver	1
Ward's Carver	1
Hollenback's Carver	1
Agate Spatula	1
Cement Carrier with Condenser	1
Blow Torch	1
Small Straight Scissors	1
Curved Scissors	1
Sprinkling Bottles	1
Hot Plate	2
Three Plane Articulator	1
Acrylic Finishing Stones:	
Cone: Pink, White and Black	1 Each
Cylinder: Pink, White and Black	1 Each
Acrylic Trimming Burs:	
Pear Shaped	1
Straight Fissure	1
Flame Shaped	1
Sand Paper Mandrel	1
Camlin Colouring Pencils	1
Paper Cutter	1
Mouth Mask (Cotton, Green Colour)	1
Head Cap (Cotton, Blue Colour)	1
Plaster Cutter	1
Cotton Holder	1
Waste Receiver	1

NOTICE REGARDING CURBING THE MENACE OF RAGGING AT AMC DENTAL COLLEGE, KHOKHRA

What is RAGGING?

Ragging' means display of disorderly conduct, doing of any act which causes or is likely to cause physical or psychological harm or raise apprehension or fear or shame or embarrassment to a student in any educational institution & includes:

- A. Teasing, abusing, threatening of playing practical jokes on, or causing hurt to such a student; or
- B. asking a student to do any or perform something which such student will not, in the ordinary course, willingly, do (Maharashtra Prohibition of Ragging Act, 1999)
- C. The human rights perspective of ragging involves the injury caused to the fundamental right to human dignity through humiliation heaped on junior student by seniors; often resulting in the extreme step of suicide by the victims.

Ragging has several aspects which include psychological, social, political economic, cultural and academic dimensions. The political aspect of ragging is apparent from the fact that incidents of ragging are low in institutions which promote democratic participation of students in representation and provide an identity to students to participate in governance and decision making within the institute bodies.

Steps that may be taken by the student in an event of incidence of ragging

- A. Contact Numbers of the wardens, all members of the anti-ragging committee & squads, relevant authorities have been issued on the notice board. In case of any such occurrences, students may contact any of the above.
- B. Fresher or any other student, whether being victim, or witness, in any incident of ragging are encouraged to report such occurrence, and the identity of such informants will be protected and will not be subject to any adverse consequence only for the reason for having reported such incidents. Those who want to be anonymous can submit their complaints to administrative office. Their identity shall be kept undisclosed.
- C. The students can contact the members of the anti-ragging committee or squad, whose phone numbers are displayed along with the anti-ragging posters or they can directly approach the Dean who in turn will direct the complaint to anti-ragging committee.
- D. Those in hostel can also contact the hostel warden or any other staff members who will in turn direct the case to relevant authorities.
- E. Freshers who do not report the incidents of ragging either as victim or as witnesses shall also be punished suitably.

PUNISHMENT FOR RAGGING

- A. Penalty for ragging (section 4): Whoever directly or indirectly commits, participates in, abets or propagates ragging within or outside any educational institution shall, on conviction, be punished with imprisonment for a term which may extend to two year and shall also be, liable to a fine which may extend to ten thousand rupees.
- B. Dismissal of student (section 5): Any student convicted of an offence under section 4 shall be dismissed from the education institution and such student shall not be admitted in any other education institution for a period of five years from the date of order such dismissal.
- C. Suspension of student (section 6)Whenever any student or, as the case may be the parent or guardian, or a teacher of an educational institution complains, in writing of ragging to the head of the educational institution the head of the educational institution, shall without prejudice to the foregoing provisions, within seven days of receipt of complaint, do enquiry in to the matter mentioned in the complaint and if prima facie, it is found, true, shall suspend the student who is accused of the offence, and shall, immediately forward the complaint to the police station having jurisdiction over the area in which the educational institution is situated, for further action.
- D. Deemed abetment (section 7): if the head of the educational institutional fails or neglects to take action in the manner specified in section 6 when complaint of ragging is made, such person shall be deemed to have abetted the offence of ragging and shall, on conviction, be punished as provided in section 4.

ADMINISTRATIVE ACTION IN THE EVENT OF RAGGING:

The institution shall punish a student found to be guilty of ragging after following procedure:

1. Anti-ragging Committee of the institutional shall take an appropriate decision following the recommendations of the Anti-ragging Squad.
2. Anti-ragging Committee may, depending on the nature & gravity of guilt recommend one or more of following punishment namely.
 - a. Suspension from withdrawing classes and academic privileges
 - b. Withholding or withdrawing scholarship/fellowship and other benefits,
 - c. Debarring from appearing in any test/examination
 - d. Debarring from representing the institution in any regional, national or international event,
 - e. Withholding result
 - f. Suspension/expulsion from the hostel
 - g. Cancellation of admission
 - h. Rustication from the institution for period ranging from one to four semesters
 - i. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.

Annexure - A
Anti Ragging Squad as per 6.3 (c)

No.	Name	Designation	Signature
1	Dr. Dolly P. Patel	Dean & Head Anti Ragging Squad	9909026230
2	Dr. Ramita Sood	Member of HOD & PG In-charge	9825325230
3	Dr. Anjali Kothari	Member Of HOD & UG In-Charge	9879576534
4	Dr. Bhadra D. Shah	Member of WDC	9825440039
5	Dr. Vipul Munia	Member	9909215183
6	Dr. Akanksha Malik	Member	9909010794
7	Dr. Vijeta Patel	Member	9727437413
8	Dr. Jinay Sathwara	Member	9909426737
9	Dr. Chirag Rudakia	Member	9879482896
10	Mr. Deexeet Prajapat	Member & Officer	7779038059

Annexure - B
Anti Ragging Committee as per 6.3 (a)

No.	Designation	Name	Contact No.
1.	Dean & Head-Anti Ragging Squad	Dr. Dolly P. Patel	9909026230
2.	Deputy Director & Member Secretary	Mr. Hiren Patel	9327038833
3.	Police Department Representative	Shri D.M. Chauhan	9978497774
4.	Representative of N.G.O.	Zakir Kazi	9898142839
5.	Representative of Faculty Members	(1) Dr. Bela D. Dave (2) Dr. Anjali Kothari	9979667676 9879576534
6.	Representative of Parents	(1) Sejal Pandya (2) Parthiv Shah	
7.	Representative of Students	(1) First Year- Rachit Upadhyay (2) Second Year- Vidhi Choksi (3) Third Year- Ayush Soni (4) Final Year- Aum Naik	9712023837 9978618815 9099055695 9429301456
8.	Representative of Non- Teaching Staff (1) Office Superintendent (2) Senior Clerk	(1) Surbhi Asari (2) Nandakumar Rediyar	9409287522 9979091850
9.	Member & Rector (Girls Hostel)	Mrs. Shweta Patel	8511549022
10.	Member & Rector (Boys Hostel)	Mr. Kalpesh Dave	9687198055

UNDERTAKING BY PARENTS/ GUARDIANS

1. I, _____ F/of, M/of, G/of Mr./Ms. _____ have carefully read and fully understood the law of prohibiting ragging, and direction of the hon'ble Supreme Court and the central/state Govt. in this regard as well as the DCI regulation on curbing the menace of Ragging in higher educational institutions,2009.
2. I assure you that my son/daughter/ward will not indulge in any act of Ragging.
3. I hereby agree that if he/she is found guilty in any aspect of ragging, he/she may be punished as per the provisions of DCI Regulations.

Signed on: _____ day _____ month _____ year

Signature

Address: _____

	Witness 1	Witness 2
Name		
Contact Details (Including Address Proof)		

UNDERTAKING BY THE CANDIDATE/STUDENT

1. I, _____ F/of, M/of, G/of Mr./Mrs. _____
 have carefully read and fully understood the law of prohibiting ragging, and direction of the hon. Supreme Court and the central/state Govt. in this regard as well as the DCI regulation on curbing the menace of Ragging in higher educational institutions,2009.
2. I assure you that I shall not indulge in any act of Ragging.
3. I hereby agree that if I am found guilty in any aspect of ragging, I may be punished as per the provisions of DCI Regulations.

Signed on: _____ day _____ month _____ year Signature _____

Address: _____

	Witness 1	Witness 2
Name		
Contact Details (Including Address Proof)		

OATH

I solemnly take this oath that:

1. I shall strive to study the dental subject with all sincerity.
2. I shall conduct myself with dignity and humanity
3. As a student, I shall always be polite and shall behave with a sense of responsibility toward the patients, fellow students and teacher.
4. I shall never behave in a way which might bring disrepute to the college or damage the property of the college.
5. I shall abide by the rules and the regulations of the college
6. May the almighty give me strength and wisdom to observe the oath I have taken today.