



**1<sup>st</sup> M.B.B.S.**

**ACADEMIC PROGRAMME  
2022-23**

**Dr. N. D. Desai Faculty of Medical Science and Research  
Dharmsinh Desai University**

NAAC ACCREDITED - ISO 9001 : 2015 Compliant

College Road, Nadiad - 387 001. (Gujarat) | Email : [dean.medical@ddu.ac.in](mailto:dean.medical@ddu.ac.in) | [www.medical.ddu.ac.in](http://www.medical.ddu.ac.in)



**DON'T "RAG"**  
**ALSO**  
**DON'T BE MUTE WITNESS TO RAGGING**

**RAGGING :**

Any conduct whether by words spoken or written or by an act which has the effect of harassing, teasing, treating or handling with rudeness any other student, indulging in rowdy or undisciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior will not in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.

The conduct includes but is not restricted to any act by a senior student that prevents, disrupts the regular academic activity of any other student or a fresher; tasks assigned to an individual or a group of students; any act of financial extortion or forceful expenditure burden put on a fresher or any other students; any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, health or person; any act or abuse by spoken words, emails, post, public insults which or passively participating in the discomfiture to fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

**PUNISHMENT :**

Depending upon the nature and gravity of the offence as established by the Anti-Ragging committee of the institution, the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:

- Suspension from attending classes and academic privileges.
- Withholding / withdrawing scholarship / fellowship and other benefits.
- Debarring from appearing in any test / examination or other evaluation process.
- With holding results.
- Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
- Suspension / expulsion from the hostel.
- Cancellation of admission.
- Rustication from the institution for period ranging from 1 to 4 semester.
- Expulsion from the institution and consequent debarring from admission to any other institution for a specific period.
- Fine of Rs. 25,000/- and Rs. 1 Lakh.
- Collective punishment : When the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment.



## MASTER ACADEMIC CALENDAR\*

(As per NMC notification Dated 12-10-2022)

| Year   | Time Frame  | Subjects   | Months<br>(Teaching+Exam+Results) |
|--|---|--|-----------------------------------|
| 1 <sup>st</sup>                              | 15 <sup>th</sup> Nov. 2022 to<br>15 <sup>th</sup> Dec. 2023 | Foundation course and Anatomy,<br>Physiology, Biochemistry       | 13                                |
| 2 <sup>nd</sup>                              | 16 <sup>th</sup> Dec. 2022 to<br>15 <sup>th</sup> Jan. 2025 | Pathology, Microbiology,<br>Pharmacology                         | 13                                |
| 3 <sup>rd</sup><br>(3 <sup>rd</sup> Part I)  | 16 <sup>th</sup> Jan. 2025 to<br>30 <sup>th</sup> Nov. 2025 | Forensic medicine including<br>toxicology and community medicine | 10.5                              |
| 4 <sup>th</sup><br>(3 <sup>rd</sup> Part II) | Dec. 2025 to May 2027                                       | General medicine, General surgery,<br>OBGY, ENT, Ophthalmology   | 17.5                              |
| Internship                                   | 1 <sup>st</sup> June 2027 to<br>31 <sup>st</sup> May 2028   | As per CRMI 2021<br>Regulations                                  | 12                                |
| 9th MAY 2029 - CONVOCATION                   |   |  |                                   |

**General information for student as per Graduate Medical Education Regulation-2019 document & NMC notification Dated-12/10/2022)**

### • Phase /year wise training of subjects during MBBS:

**1<sup>st</sup> MBBS:** Human Anatomy, Physiology, Biochemistry, Introduction to Community Medicine, Humanities, Professional development including Attitude, Ethics & Communication (AETCOM) module  
**(University exam of anatomy, physiology, biochemistry and AETCOM)**

**2<sup>nd</sup> MBBS:** Pathology, Pharmacology, Microbiology, Community Medicine, Forensic Medicine and Toxicology, Professional development including Attitude, Ethics & Communication (AETCOM) module and introduction to clinical subjects  
**(University exam of Pathology, Pharmacology, Microbiology and AETCOM)**

**3<sup>rd</sup> MBBS (Part 1):** General Medicine, General Surgery, Obstetrics & Gynaecology, Pediatrics, Orthopaedics, Dermatology, Otorhinolaryngology, Ophthalmology, Community Medicine, Forensic Medicine and Toxicology, Psychiatry, Respiratory Medicine, Radiodiagnosis & Radiotherapy and Anaesthesiology & Professional development including AETCOM module.  
**(University exam of Community medicine & Forensic medicine including toxicology and AETCOM)**

**3<sup>rd</sup> MBBS (Part 2):** Medicine and allied specialties (General Medicine, Psychiatry, Dermatology Venereology and Leprosy (DVL), Respiratory Medicine including Tuberculosis) Surgery and allied specialties (General Surgery, Orthopedics [including trauma]), Dentistry, Physical Medicine and rehabilitation, Anaesthesiology and Radiodiagnosis) Obstetrics and Gynecology (including Family Welfare), Pediatrics, Ophthalmology, Otorhinolaryngology, AETCOM

## MARKS DISTRIBUTION FOR VARIOUS SUBJECTS IN UNIVERSITY EXAMINATION

| Phase of Course  | Written/Theory Total | Practicals/Orals/Clinical |
|--|----------------------|---------------------------|
| First Year   |                      |                           |
| Human Anatomy - 2 Papers   | 200                  | 100                       |
| Physiology - 2 Papers  | 200                  | 100                       |
| Biochemistry - 2 Papers  | 200                  | 100                       |
| Second Year  |                      |                           |
| Pharmacology - 2 Papers  | 200                  | 100                       |
| Pathology - 2 Papers   | 200                  | 100                       |
| Microbiology - 2 Papers  | 200                  | 100                       |
| Third Year (Part 1)  |                      |                           |
| Forensic Medicine & Toxicology - 1 Paper   | 100                  | 100                       |
| Community Medicine - 2 Paper   | 200                  | 100                       |
| Third Year (Part 2)  |                      |                           |
| *Existing pattern likely to be modified in view of "National eligibility cum exit test (NExT)" |                      |                           |
| *Students will be make aware of it whenever NMC provide its details                            |                      |                           |

**Criteria for passing in a subject:** A candidate shall obtain 50% marks in University conducted examination separately in Theory and Practical (practical includes: practical/clinical and viva voce) in order to be declared as passed in that subject.

**In subjects that have two papers, the learner must secure** at least 40% marks in each of the papers with minimum 50% of marks in aggregate (both papers together) to pass in the said subject.

**Students not satisfying above criteria will be marked as "FAILED" in university exam**

**Criteria for being eligible in university examination of a subject:**

### 1. ATTENDANCE:

- Attendance requirements are **75% in theory** and **80% in practical /clinical** for eligibility to appear for the examinations in that subject. In subjects that are taught in more than one phase – the learner must have 75% attendance in theory and 80% in practical in each phase of instruction in that subject.
- If an examination comprises more than one subject (for e.g., General Surgery and allied branches), the candidate must have 75% attendance in each subject and 80% attendance in each clinical posting.

### 2. INTERNAL ASSESSMENT:

- Learners must secure at least 50% marks of the total marks (combined in theory and practical / clinical; not less than 40 % marks in theory and practical separately) assigned for internal assessment in a particular subject in order to be eligible for appearing at the final University examination of that subject.



- Internal assessment will be based on formative (internal and periodic) exams performance, day to day maintenance of journals, logbook, participation in seminar, quiz, projects etc...

**Students not satisfying above criteria will not be allowed in university exam of that year (detained students)**

- Detained and Failed student will appear in 'supplementary university examination' to be conducted within 30 days from the date of declaration of the results of the main university examination.
- Detained students will have to satisfy the criteria related to ATTENDANCE and INTERNAL ASSESSMENT (as mentioned above) before being eligible in 'supplementary university exam'
- Students who pass in supplementary university exam can join the main batch for progression and the remainder would appear for the examination in the subsequent year
- No more than four attempts shall be allowed for a candidate to pass the first Professional/1<sup>st</sup> MBBS examination. The total period for successful completion of first Professional course shall not exceed four (4) years. Partial attendance of examination in any subject shall be counted as an attempt.
- A learner, who fails in the second Professional examination, shall not be allowed to appear in third Professional Part I examination unless she/he passes all subjects of second Professional examination.
- Passing in third Professional (Part I) examination is not compulsory before starting part II training; however, passing of third Professional (Part I) is compulsory for being eligible for third Professional (Part II) examination.
- A learner shall not be entitled to graduate later than ten (10) years of her/his joining the first MBBS course.

**SCHEDULE FOR PAYMENT OF TUITION FEES  
BATCH 2022-23**

| INSTALLMENT | FEES SCHEDULE               |
|-------------|-----------------------------|
| 1st         | Through admission committee |
| 2nd         | Feb - 2023                  |
| 3rd         | Aug - 2023                  |
| 4th         | Feb - 2024                  |
| 5th         | Aug - 2024                  |
| 6th         | Feb - 2025                  |
| 7th         | Aug - 2025                  |
| 8th         | Feb - 2026                  |
| 9th         | Aug - 2026                  |

All the students are required to pay fees as per instruction on Google classroom notice board & college notice board. The penalty of **Rs. 100/day** will be levied for fees paid after due date.

**NOTE:**

Students will need to deposit entire remaining amount of total fees in case of,

- Transfer to other college
- Drop out from MBBS course
- Going out of INDIA for study/ any other purpose
- Disciplinary action against student by authority
- Any other reason due to which student not continuing MBBS study

**નોંધ:**

વિદ્યાર્થી નીચેનામાંથી કોઈ પણ કારણોસર જો સંસ્થા છોડશે તો બાકી રહેલ અભ્યાસના તમામ વર્ષોની ફી એક સાથે જમા કરાવવાની રહેશે.

- આંતર કોલેજ ફેરબદલી
- અભ્યાસ છોડી દેવો
- અભ્યાસ અર્થે અથવા કોઈપણ કારણસર વિદેશગમન
- સંસ્થા દ્વારા શિક્ષાત્મક કાર્યવાહી
- અન્ય કોઈપણ કારણ કે જેમાં વિદ્યાર્થી સંસ્થામાંથી અભ્યાસ છોડી રહ્યો હોય.

## Recommended Books for 1st MBBS Subjects

### ANATOMY

| Title                                      | Author   | Publisher                       | Edition                                 |
|--|--|---------------------------------|---|
| General Anatomy                            | B. D. Chaurasia  | CBS                             | 6th/Latest                              |
| Human Anatomy                              | B. D. Chaurasia Vol. 1,2,3   | CBS                             | 8th/Latest                              |
| Human Anatomy                              | Vishramsinhg Vol. 1,2,3  | Elsevier                        | 2nd/Latest                              |
| Human Anatomy                              | A.K.Datta Vol. 1,2,3   | Current Book International      | Vol-1:10th<br>Vol.-2:6th<br>Vol.-1:10th |
| Human Anatomy                              | Inderbir Singh   | Jaypee Brothers                 | 7th/Latest                              |
| Histology                                  | G.P.Pal, Inderbir Singh  | Paras                           | 5th/Latest                              |
| Embryology                                 | A. K. Datta, Inderbir Singh  | Current Book International      | 7th/Latest                              |
| Cunningham's manual<br>& Practical Anatomy | Rachel Koshi Vol. 1,2,3<br>(These volumes are compulsory and<br>should be brought during dissection) | Oxford Medical Publication      | 16th/Latest                             |
| Genetics                                   | G.P.Pal, Bhatnagar, Kothari, Mehta   | Stosiusinc/Advent Book Division | -                                       |
| Gray's Anatomy                             | Susanestanding   | Elsevier                        | 41st/Latest                             |
| (Reference Book)                           |  |                                 |   |

### BIOCHEMISTRY

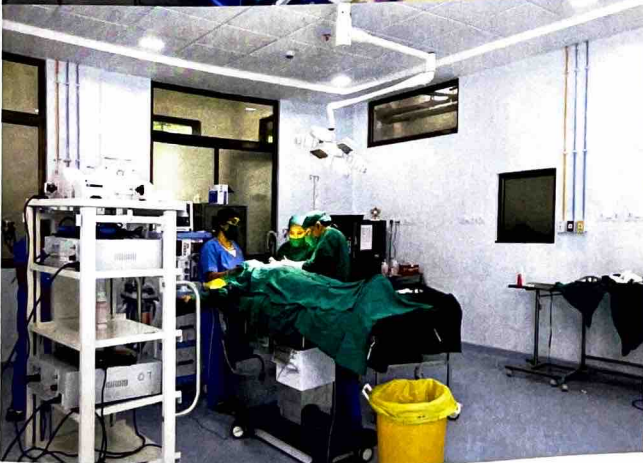
| Title  | Author   | Publisher                   | Edition |
|--|--|-----------------------------|---------|
| Textbook of biochemistry<br>for medical students | D.M. Vasudevan, Sreekumari S,<br>Kannan Vaidyanathan | Jaypee Brothers<br>Elsevier |         |
| Biochemistry                                     | Dr. U. Satyanathan, Dr. U. Chakrapani                | NCBA, Kolkala               |         |
| Biochemistry for medical<br>students             | Dr. H. N. Haridas                                    | Elsevier                    |         |
| Textbook of Medical<br>Biochemistry              | Dinesh Puri  |                             |         |

## Recommended Books for 1st MBBS Subjects

### PHYSIOLOGY

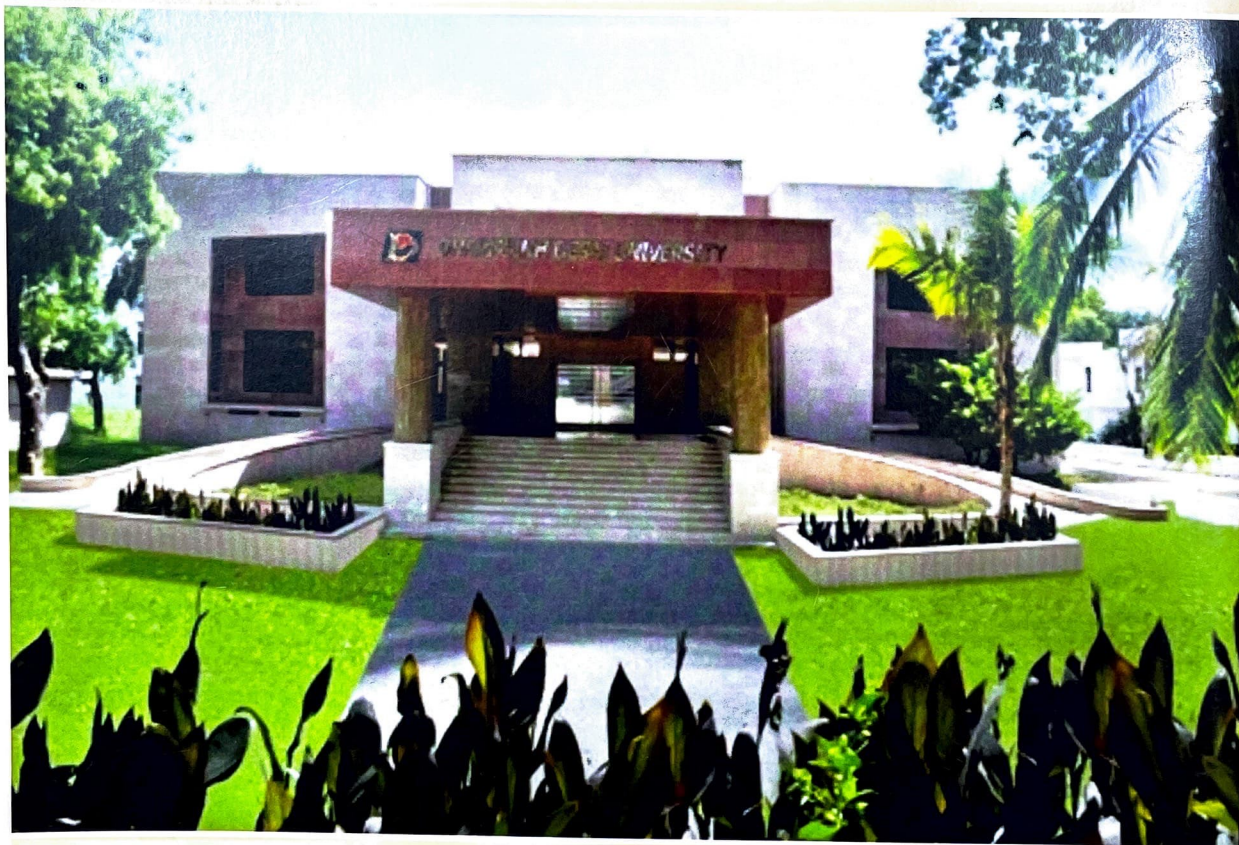
| Title   | Author             | Publisher          | Edition |
|---|--------------------|--------------------|---------|
| Medical Physiology for Undergraduate Students | Indu Khurana       | Elsevier           |         |
| Fundamentals of Medical Physiology            | L. Prakashan Reddy | Paras              |         |
| Textbook of Physiology                        | A. K. Jain         | Avichal Publishing |         |
| Textbook of Medical Physiology                | G. K. Pal          | Jaypee             |         |
| Essentials of Medical Physiology              | K. Sambulingum     | Jaypee             |         |
| Textbook of Medical Physiology                | Guyton and Hall    | Elsevier           |         |
| For Practicals                                |                    |                    |         |
| Practical Physiology                          | G. K. Pal          | Universities Press |         |
| Practical Physiology                          | C. L. Ghai         | Jaypee             |         |
| Manual of Practical Physiology                | A. K. Jain         | Arya Publication   |         |
|   |                    |                    |         |







**Dr. H. M. DESAI**  
Vice-Chancellor,  
D.D. University-Nadiad



Dean  
Dr. N. D. Desai Faculty of Medical Science and Research  
Nadiad