



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



VINAYAKA MISSION'S
KIRUPANANDA VARIYAR
MEDICAL COLLEGE & HOSPITALS

**VINAYAKA MISSION'S KIRUPANANDA VARIYAR
MEDICAL COLLEGE & HOSPITALS,
SALEM - 636308.**

**Constituent Unit of Vinayaka Mission's Research Foundation
(Deemed to be University)**



Academic Calendar (2022 – 2023)

II MBBS

Syllabus & Curriculum

Website : www.vmkvmc.edu.in



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HISTORY OF THE COLLEGE

Vinayaka Mission's Kirupananda Variyar Medical College is located in Salem, Tamilnadu and strives for achieving academic excellence. It was started in the year 1995-96, and was affiliated to the Tamilnadu Dr. MGR Medical University. In 2005-06 it became a constituent unit of Vinayaka Mission's Research Foundation (Deemed to be University) (VMRF-DU), Salem, Tamilnadu. Eligible students are admitted by counseling after NEET examination.

The Institution has a limpid vision of providing service to the humanity at large, by making available, the best form of health care possible in the world to the local community.

Vision:

To provide service to the humanity at large by making available best form of health care.

Mission:

- To provide the student a highest quality of education in branches of medicine and to provide a perfect learning experience and atmosphere.
- To demonstrate appreciable skill and knowledge and to participate actively in professional growth of self of Institution and of country's knowledge base.
- To contribute to the development of medicine by active participation in scholarly in medical field.
- To develop team spirit and ability to work along with other health personnel.

FACILITIES

The unitary campus houses a teaching hospital and hostels with adequate space for future expansion.

INFRASTRUCTURE : The infrastructure is adequate and is designed to create a learning atmosphere. All the departments specified under the MCI are available as per norms. They are spacious and well furnished. Information Communication Technology (ICT) enabled air-conditioned lecture halls with the necessary equipments and latest teaching aids are available. The pre and para-clinical departments have updated laboratories which periodically undertake Internal and External Quality Assurance evaluations.

The campus houses separate blocks for the college, hospitals and hostels. College blocks accommodate pre & para-clinical departments with Gallery type A/C lecture halls with audiovisual aids like LCD, Smart boards, etc., and well equipped labs, seminar halls & demonstration rooms in each department.

PRECLINICAL DEPARTMENTS

Anatomy
Physiology
Biochemistry

PARA-CLINICAL DEPARTMENTS

Pathology
Microbiology
Pharmacology

HOSPITAL

The 630 bedded hospital with world class facilities with all innovative and sophisticated state-of-the-art equipment and technology is available. Highly qualified and experienced health personnel manage the hospital.

The student is tuned to gain indepth knowledge in medical subjects through the use of appropriate and innovative participatory teaching techniques using the latest tools and inputs.

CLINICAL DEPARTMENTS

Medicine & Allied Subjects

Forensic Medicine & Toxicology
Community Medicine
General Medicine
Respiratory Medicine
Paediatrics
Psychiatry
Dermatology, Venereology & Leprosy
Physical Medicine & Rehabilitation
Emergency Medicine

Surgery & Allied Subjects

General Surgery
Ophthalmology
Otorhinolaryngology
Obstetrics & Gynaecology
Orthopaedics
Anaesthesia
Radiodiagnosis

SUPER-SPECIALTY DEPARTMENTS

Surgical Oncology
Cardiology
Urology
Nephrology

OTHER FACILITIES

- A/C auditorium with a seating capacity of 750
- Separate common rooms for boys & girls.
- Printing, Scanning & Photocopying facilities are available in the library. Question bank is also available.
- The campus is wifi enabled.
- 2 cafeterias are available in the campus which provide the students with tasty & hygienic multicuisine food (Indian, Chinese etc.).
- A stationery and novelty store in the hospital and in hostel premises provide all the necessary items to students and staff.
- 2 Examination halls with 250 capacity each are available.

LIBRARY: Automated library with RHID is available. An upgraded library with the latest collections of books and journals in addition to internet facilities is available.

Central library with 9041 titles is open from 8 am to 12 midnight. Separate reference, journals (86 Indian & 34 Foreign) and Internet sections with 40 computers are present & easily accessible to students & faculty.

MENTORSHIP: Well qualified and dedicated faculty, facilitate learning and address the issues of students through a Mentorship Programme. Progress of students is monitored longitudinally by the mentors with Student Mentorship Report Card.

RESEARCH: The Institution provides a good research ambience for conduct of research studies and quality health surveys. National (ICMR) and International (WHO) collaborative studies are conducted by the faculty members as well as a few medical students. The faculty and students are deputed frequently to Scientific Conferences and Workshops.

POSTGRADUATE PROGRAMMES in Anaesthesiology, Anatomy, Biochemistry, Community Medicine, Dermatology, Venereology & Leprosy, Emergency Medicine, General Medicine, General Surgery, Microbiology, Obstetrics and Gynaecology, Ophthalmology, Orthopedics, Otorhinolaryngology, Paediatrics, Pathology, Pharmacology, Physiology, Psychiatry, Radiodiagnosis and Transfusion Medicine are being conducted.

EXTRACURRICULAR ACTIVITIES: Play grounds for hockey, foot-ball, volley-ball, basket-ball, cricket, badminton, throw ball, tennikoit and running track, Indoor games for table tennis & carrom and Gym facilities are available for the students. Sports kits for both outdoor and indoor games are available. Intramural, intercollegiate and interuniversity competitions provide an opportunity for physical fitness.

STUDENT SUPPORT PROGRAMMES like Students Council, Students Grievance Redressal Cell, Seminars, Symposia, CME, Small Group Teaching, Slow and advanced learners programme, Student Mentorship Programme are available. Meritorious students get recognition in the form of awards and medals.

ALUMNI ASSOCIATION of the Institution is strong and helps the students to upgrade their knowledge with scientific updates. Career Guidance counseling is provided for the students.

The Vinayaka Missions group of Institutions having reached the path of academic excellence will continue to strive for global sustenance.

PLEDGE

We, the students of Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals, Salem pledge that

- I, _____ (name), being admitted to the study of medicine – the art of healing, shall dedicate myself totally to uphold and contribute productively to the nobility of the profession.
- I shall use my education & knowledge to acquire the ability to look into the present and future health needs of our country as well as that of the world.
- I shall strengthen the core values of our national ethos, healthy living, liberty, unity in diversity, truth and common good in all my endeavours.
- I shall treat my parents, peers, teachers and elders with great respect.
- I shall show empathy and concern to the sick patients, dotards & down trodden people.
- I shall consider all men as equal and “the plurality and multiethnicity” woven India's secular fabric, shall become my ‘preferred priority’ while interacting with others.
- I shall remember the great leaders of our nation, abide by their teaching and steadfastly work hard towards the institution's mission to build a stronger nation through medical education.

THE COLLEGE ANTHEM

Vinayaka thy name is the glory
Vinayaka thy saga divine
Vinayaka a star in the sky
A ray of hope through troubled times

Vinayaka thy legacy unfathomed
Vinayaka thy medicos shine
Vinayakans they'll be there through turbid times
Duty to them is blessing divine

Vinayakans have the heart of the winner
They stand united together as one
They are the winners under the sun
Winners under the sun

RULES AND REGULATIONS OF THE COLLEGE

I. GENERAL :

- a) No meeting or demonstration should be held in the premises of College / Hospital and Hostels.
- b) Students are forbidden to take part in Political Agitations, Strikes and Demonstrations.
- c) Students are required to observe discipline and be punctual for all Theory & Practical / Clinical classes.

Code of Conduct for Students :

Vinayaka Mission's Kirupananda Variyar Medical College and Hospitals, Salem has derived and drafted the following proposed Code of Conduct for the Students.

- The Student Code of Conduct sets out the standards of conduct expected of students. It holds individuals and groups responsible for the consequences of their actions. Failure to fulfill these responsibilities may result in the withdrawal of privileges or the imposition of sanctions.
- The Institution is a community of students, faculty and staff involved in learning, teaching, research and other activities.
- The student members of this community are expected to conduct themselves in a manner that contributes positively to an environment in which respect, civility, diversity, opportunity and inclusiveness are valued, so as to assure the success of both the individual and the community.
- The Student Code of Conduct reflects a concern for these values and tries to ensure that members of the Institution/University and the public can make use of and enjoy the activities, facilities and benefits of the Institution without undue interference from others.

When does the code apply?

- The Student Code of Conduct applies to any student enrolled in UG/PG at the Institution/University, and including exchange students.

- The Code applies to conduct that occurs on the campuses or near the premises of Vinayaka Mission's Kirupananda Variyar Medical College and Hospitals, Salem.
- It also applies to conduct that occurs elsewhere if it is related to Institution sponsored programs or activities, (such as travelling athletic teams) or if it occurs in the context of a relationship between the student and a third party that involves the student's standing, status or academic record at the Institution/University.

It does not apply to conduct that is assigned to another disciplinary body at the Institution/University, allegations regarding a student's failure to meet standards of professional conduct, or conduct committed by a student solely in his or her capacity as an employee of the Institution/University.

Prohibited conduct

- Assaulting, harassing, intimidating, or threatening another individual or group is a crime.
- Endangering the health or safety of others.
- Stealing, misusing, destroying, defacing or damaging Institution property or property belonging to someone else.
- Disrupting Institution activities.
- Using Institution facilities, equipment, services or computers without authorization.
- Making false accusations against any member of the Institution,
- Supplying false information to the Institution / University or forging, altering or misusing any Institution document or record.
- Using, possessing or distributing illegal drugs,
- Violating government liquor laws or Institution alcohol policies,
- Ragging of any kind,
- Encouraging, aiding, or conspiring in any prohibited conduct.
- Failing to comply will be met with a disciplinary measure or disciplinary measures imposed under the procedures of this Code.

Disciplinary measures

- Disciplinary measures that may be imposed under the Code include but are not limited to: Written warning or reprimand,
- Probation, during which certain conditions must be fulfilled and good behaviour must be exhibited.
- Payment of costs or compensation for any loss, damage or injury caused by the conduct
- Issuance of an apology, made publicly or privately.
- Loss of certain privileges,
- Restriction or prohibition of access to, or use of, Institution facilities, services, activities or programs,
- Fines or loss of fees,
- Relocation or exclusion from hostel,
- Suspension,
- Expulsion.

II. COLLEGE RULES :

- a. **ATTENDANCE:** Students should be punctual to the hospital and college and should have a minimum attendance of 75% in theory and 80% in practical in each subject to appear for University Examination. Students who lack the minimum prescribed attendance in any one subject will not be permitted to write the examination. However, the Vice-Chancellor has the discretionary power to allow a condonation of shortage of attendance upto a maximum of 10% in the prescribed minimum attendance for admission to an examination. A candidate lacking in attendance should submit an application in the prescribed form, endorsed by the Head of the Department / the Head of the Institution to the Vice Chancellor for approval for admission to the examination. Every student must have cleared all the arrears of fees in Hostel, Mess and College and must get a "No Due" certificate from the Deputy warden of the Hostel and Deputy Dean before submitting the application for University Examination.
- b. **LEAVE :** Students should avail leave only with the previous sanction of the Head of the Department. When leave is availed for unforeseen causes the application must be made available soon after availing the leave. Leave letter on medical grounds should always accompany a medical certificate by a medical officer. The copy of the leave letter will be sent to the parent for endorsement if needed.
- c. **DAMAGES:** Students should pay for any breakage / loss in the laboratories.
- d. **FEES :** The Examination application of students will not be forwarded to the University in case of any dues with regard to Tuition Fees, Mess Fees and Hostel Fees or any other arrears.
- e. **EXAMS:** In each department 3 Internal Assessment examinations will be conducted out of which the best of 2 Internal Assessment exam marks will be considered for University Examinations.
- f. **RECORDS:** Practical record note books, log books and books for SDL & ECE should be completed & submitted in time.
- g. **CELL PHONE** usage is prohibited during class hours (theory/practicals). If cell phones were to be found being used during class hours, they would be confiscated.

III. DRESS CODE :

- Formal wear for both girls and boys (avoid fluorescent and flashy colored pants/ Jeans/Shorts/T-shirts).
- Girls should tie their hair up & wear cut shoes; avoid bracelets, finger rings, anklets & flowers.
- Nails should be trimmed & not painted.
- Students are expected to wear decent footwear, preferably shoes while attending class, practicals, wards, OPDs and other sections of college and hospital.
- Hair should be trimmed & boys should be clean shaven (face).
- Half sleeved white coat should be worn inside the college campus.

IV. ANTI RAGGING REGULATIONS :

INTRODUCTION

This Regulation has been brought forth by the University Grants Commission in consultation with the Councils to prohibit, prevent and eliminate the scourge of ragging.

UGC REGULATIONS ON CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS, 2009.

(under Section 26 (1)(g) of the University Grants Commission Act, 1956)

OBJECTIVES

To eliminate the Attitude of Ragging, the following understanding of the term “Ragging” is of prime importance. Ragging is inclusive of any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student or indulging in rowdy or indisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame or torment or embarrassment so as to adversely affect the physique or psyche of such 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, in all higher education institutions in the country and thereby, to provide for the healthy development, physically and psychologically, of all students.

WHAT CONSTITUTES RAGGING

Ragging constitutes one or more of any of the following acts carried out in any area inside or outside the College Campus.

- A. Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
- B. Indulging in rowdy or indiscipline activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;
- C. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- D. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
- E. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- F. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
- G. Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;

- H. Any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;
- I. Any act that affects the mental health and self-confidence of a 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.

ADMINISTRATIVE ACTION IN THE EVENT OF RAGGING

Anyone found guilty of ragging and/or abetting ragging, whether actively or passively, or being a part of a conspiracy to promote ragging, is liable to be punished in accordance with these Regulations as well as under the provisions of any penal law for the time being in force.

The institution shall punish a student found guilty of ragging after following the procedure and in the manner prescribed herein under:

- A. The Anti-Ragging Committee of the institution shall take an appropriate decision, in regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging established in the recommendations of the Anti-Ragging Squad.
- B. The Anti-Ragging Committee may, depending on the nature and gravity of the guilt established by the Anti-Ragging Squad, award, to those found guilty, one or more of the following punishments :-
 - i. Suspension from attending classes and academic privileges.
 - ii. Withholding/ withdrawing scholarship/ fellowship and other benefits.
 - iii. Debarring from appearing in any test/ examination or other evaluation process.
 - iv. Withholding results.
 - v. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
 - vi. Suspension/ expulsion from the hostel.
 - vii. Cancellation of admission.
 - viii. Rustication from the institution for period ranging from one to four semesters.
 - ix. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.

Mobile inspection squads have been formed to carry out surprise checks in hostels and transport.

Website: <https://antiragging.in>

LIBRARY RULES & REGULATIONS

1. Working Hours:

a. The library is kept open from 8.00 a.m. to 12 midnight on all working days.

2. Membership:

1. The Library is open to all students and members of the staff of the college and hospitals.
2. Outsiders and students who have left the college, dismissed or under suspension cannot have the privilege of using the library except with the special permission of the Dean.

3. Issue and Return of books:

No student will be allowed to take books or journals outside the library.

4. Do's & Don'ts:

1. Students must use only the allotted space for studying
2. Strict silence must be maintained inside the library
3. Students wishing to use the computer terminals should obtain permission of the librarian. Use of computers must be for academic purpose only and not for entertainment.

5. Photocopier Facility:

Students can use the photocopying facility for the required academic materials after permission and payment to the Librarian.

6. Mobile phones:

Use of mobile phones in the library is not permitted.

*“The capacity to learn is a gift;
the ability to learn is a skill;
the willingness to learn is a choice.”*

Brian Herbert

Vinayaka Mission's Research Foundation (Deemed to be University)

Administrators

- **CHANCELLOR** : Dr. A.S. Ganesan
- **PRO-CHANCELLOR** : Dato' Seri. Dr. S. Sharavanan
- **VICE PRESIDENTS** : Mr. J. S. Sathish Kumar
Mr. N. V. Chandrasekar
- **DIRECTORS** : Mr. K. Jaganathan
Mr. N. Ramaswamy
- **VICE CHANCELLOR** : Prof. Dr. P.K. Sudhir
- **REGISTRAR** : Prof. Dr. B. Jaykar
- **DIRECTOR (ACADEMICS)** : Prof. Dr. J. Sabarinathan
- **CONTROLLER OF
EXAMINATIONS** : Dr. C.L. Prabhavathi
- **DIRECTOR (STUDENTS WELFARE)** : Prof. Dr. R.S. Shanmuga Sundaram
- **DIRECTOR (ADMISSIONS)** : Mrs S. Santhana Lakshmi @ Shanthi

Hospital & College Administrators

- **DEAN** : Prof. Dr. K. Ezhil Vendhan, M.S.,
- **MEDICAL SUPERINTENDENT** : Prof. Dr. S.R. Ranga Bashyam, M.D.,
- **DEPUTY DEAN** : Prof. Dr. Deepti Shastri, M.S., MNAMS,
- **DIRECTOR, HOSPITAL DEVELOPMENT COMMITTEE** : Prof. Dr. E.M.J.Karthikeyan, M.S.,
- **DEPUTY MEDICAL SUPERINTENDENT** : Prof. Dr. S. Senthil Priya, M.D.,
- **RMO (Residential Medical Officer)** : Dr. K. Soundararajan, M.S.,

Supporting Staff

- **LIBRARIAN** : Mr. R. Kathirvel, MSc., MLIS, MPhil, PhD.,
- **DEPUTY WARDEN (MALE) (Vikram Sarabhai Hostel)** : Mr. S. Syed Liyakath Ali, M.Sc.(Med. Phy)
- **DEPUTY WARDEN (MALE)** : Dr.M.Mukesh MBBS
- **DEPUTY WARDEN (FEMALE) – Kirupa Hostel** : Dr. Reena Rajan, MSc., (Med Micro), Ph.D.,
- **ASSISTANT WARDEN (FEMALE)** : Mrs Geetha
Ms. Twinkle Sara David

*“Cultivation of mind
should be the
ultimate aim of
human existence”*

Babasaheb Ambedkar

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Seeragapadi, Salem - 636308.**

VINAYAKA MISSION'S RESEARCH FOUNDATION (Deemed to be University)
ANTI-RAGGING COMMITTEE 2022 – 2023

Sl. No	Name of the Member	Role in the Committee	Contact No / Mail ID
1.	Prof. Dr. K. Ezhil Vendhan, Dean	Chairperson	96552 18468 dean.vmkvmc@vmu.edu.in
2.	Mr. Rajini Kanth, Civil (Advocate)	Members	93608 38477
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6.	Mr. Senthil	Local Media	94981 00980
7.	Mr. Yuvaraj, Blessing Youth Mission	Non –Govt Organization	99437 56835 yuvaraj.bym@gmail.com
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34.	Mr. Akash H.R, CRMI	Representative of Students	74115 62800 hrakash2@gmail.com
35.	Ms. Sree Kutty, CRMI	Representative of Students	74038 62677,8943903329 star7miracle@gmail.com
35.	Mr. K. Arun Kumar, Chief Computer Programmer	Non-teaching Staff	94438 48613 karunhari@gmail.com
36.	Mr. P. Dhanasekaran, Office Superintendent	Non-teaching Staff	99424 06667 dhanabalaji25@gmail.com

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ANTI –RAGGING SQUAD (2022 – 2023)

Sl. No	Name of the Member	Role in the Committee	Contact No / Mail ID
1.	Prof. Dr. K. Ezhil Vendhan, Dean	Chairperson	96552 18468 dean.vmkvmc@vmu.edu.in
2.	Prof. Dr. S.R. Ranga Bashyam, Medical Superintendent	Executive Member	98941 87784 rangabashyamsr@yahoo.in
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14.	Dr. I. J.Nirmal Sujitha, Deputy Warden (VIPQ-CRMIs & PGs- Ladies Hostel)	Member	82203 93525 nsuji.ij@gmail.com
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Vinayaka Mission's
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VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University)

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PREVENTION OF SEXUAL HARASSMENT IN WORK PLACE 2022-23

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COURSE DESCRIPTION

Every MBBS student shall undergo a period of certified study extending over 4½ academic years followed by one year of compulsory Rotatory internship.

The period of 4½ years is divided into three phases as follows:

I.1. Phase I (I MBBS):

- Phase I (I MBBS) (11 months) consisting of Foundation Course and Preclinical subjects (Human Anatomy, Physiology, Bio-Chemistry) & introduction to Community Medicine including humanities.

I.2. Phase II (II MBBS):

Phase II (II MBBS) (10 months) consisting of Para-clinical / Clinical subjects.

During this phase teaching of Para-clinical and Clinical subjects shall be done concurrently.

The Para-clinical subjects shall consist of Microbiology, Pathology, Pharmacology and part of Community Medicine.

The clinical subjects shall consist of all those detailed below in Phase III.

I.3. Phase III (III MBBS):

Part I: At the end of 11 months of study in Phase III the candidate shall be examined in four subjects namely Forensic Medicine including Toxicology, Ophthalmology, Otorhinolaryngology and Community Medicine in the Part I examination of III M.B.B.S.

Part II: At the end of 13 months of study in Phase III the candidate shall be examined in four subjects namely Medicine, Surgery, Obstetrics and Gynaecology and Pediatrics in the Part II examination of III M.B.B.S.

I. MBBS Phase Wise Time Distribution & Examination Schedule

2021 – 2022 batch

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
2020	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2021	-----	I MBBS										
2022	Exam	II MBBS										Exa
2023	III MBBS Part I											Exa
2024	III MBBS Part II											
2025		Exam/PG NExT	CRR1									
2026			Univ. NExT				Start of PG course, Time not yet fixed					

II . Record Note books / Log Books :

Every student must maintain a record of the Practical / Clinical work assigned to him / her in the record note books.

Students should also maintain log books for :

1. Academic activities
2. AETCOM

These shall be submitted periodically to the respective Professors. At the end of the course the Practical / Clinical case record note books shall be submitted to the Heads of the departments who shall evaluate and include the marks in the Internal assessment.

At the time of Practical / Clinical examination each candidate shall submit to the Examiner his / her Clinical / Laboratory record note books duly certified by the Head of the department as a bonafide record of the work done by the candidate.

In respect of failed candidates the marks awarded for records at the first attempt may be carried over to the next examination attempt. If a candidate desires he/she may be permitted to improve on the performance by submission of fresh record note books.

Integration: Each of the departments shall provide integrated teaching with pre-clinical, para-clinical and clinical departments to expose the students to the full range of disciplines relevant to each area of study. Problem Based Learning (PBL) shall be emphasized.

III. Internal Assessment:

- a. A minimum of three written examinations shall be conducted in each subject during an academic year and the average marks of the two best performances shall be taken into consideration for the award of internal assessment marks. Assignments completed by candidates as home work or vacation work may also be considered.
- b. A minimum of three practical / clinical examinations shall be conducted in each subject during an academic year and the average marks of the two best performances shall be taken into consideration for the award of internal assessment marks. Mark awarded for maintenance of records & log books shall be included in the internal assessment of practical / clinical performance.
- c. A failed candidate in any subject shall be provided an opportunity to improve his / her internal assessment marks by conducting retests in theory and practical separately and the average of theory and practical shall be considered for improvement.
- d. The internal assessment marks awarded both in written and practical / clinical separately shall be submitted to the University endorsed by the head of the institution atleast fifteen days prior to the commencement of the theory examinations.
- e. A candidate should obtain a minimum of 50 % of marks in internal assessment in a subject to be permitted to appear for the University examination in that subject. For this purpose the candidate has to obtain a minimum of 40 % of marks in theory and practical / clinical separately.

IV. Competitive Prize Exams:

Students who pass all the internal assessment examinations with more than 60% marks are eligible to appear for competitive prize exams in the subjects concerned conducted by the respective departments.

V. Advanced Learners in each subject are encouraged and trained to participate in scientific conferences, dissertation competitions and quizzes.

VI. University Examinations

1. University exam marking pattern

Phase of Course	Written – Theory Total	Practicals / Orals / Clinicals	Pass Criteria
First Professional			<p>Internal Assessment 50% combined in theory and practical (not less than 40% in each) for eligibility for appearing for University Examinations</p> <p>University Examination Mandatory 50% marks in theory and practical (practical = Practical/Clinical + Viva) (theory = theory paper(s) only)</p> <p>Internal assessment marks are not to be added to marks of the University examinations and should be shown separately in the grade card.</p>
Human Anatomy – 2 papers	200	100	
Physiology- 2 papers	200	100	
Biochemistry – 2 papers	200	100	
Second Professional			
Pharmacology- 2 papers	200	100	
Pathology – 2 papers	200	100	
Microbiology – 2 papers	200	100	
Third Professional Part -I			
Forensic Medicine & Toxicology – 1 paper	100	100	
Ophthalmology -1 paper	100	100	
Otorhinolaryngology – 1 paper	100	100	
Community Medicine – 2 papers	200	100	
Third Professional Part -II			
General Medicine – 2 papers	200	200	
General Surgery – 2 papers	200	200	
Pediatrics – 1 paper	100	100	
Obstetrics & Gynaecology -2 papers	200	200	

2. Exemption in passed subjects:

Candidates who fail in an examination but obtain pass mark in any subject shall be exempted from re-examination in that subject.

3. Criteria for Progression to Phase II:

1. Examination pattern will include theory examination, practical / clinical examination and viva / oral examination.
2. There shall be one main examination in an academic year and a supplementary to be held not later than 90 days, after the declaration of the results of the main examination.
3. Passing in First MBBS Professional examination is compulsory before proceeding to Phase II training.
4. A maximum number of four permissible attempts would be available to clear the first professional university examination, whereby the first professional course will have to be cleared within 4 years of admission to the said course. Partial attendance at any university examination shall be counted as an availed attempt.
5. A learner shall not be entitled to graduate after 10 years of his/her joining of the first year of the MBBS course.

1. Classification of successful candidates

- a) A successful candidate securing 75 % or above of the marks in the aggregate in any subject in the first appearance will be declared to have passed the examination in that subject with distinction.
- b) First class may be awarded to such candidates who have passed all the subjects at the first appearance and obtained 60 % of marks and above in the aggregate of all the subjects he/she had appeared in the particular phase of the MBBS course.
- c) Candidates who have passed all the subjects at the first appearance and obtained 75 % of marks and above in all the subjects he/she had appeared shall be awarded first class with distinction.
- d) All other successful candidates shall be declared to have passed in second class.

2. Attendance required for admission to examination:

- a) No candidate shall be permitted to any one of the parts of MBBS Examinations unless he / she has attended the course in the subject for the prescribed period in an affiliated institution recognised by this University and produces the necessary certificate of study, attendance and progress from the Head of the Institution.
- b) A candidate is required to put in minimum attendance of 75% in theory and 80% in practical in each subject before admission to the examination.
- c) A candidate lacking in the prescribed attendance and progress in any one subject in the first appearance shall be denied admission to the entire examinations.
- d) Failed candidates who are not promoted to the next phase of study are required to put in minimum attendance of 75% in theory and 80% in practical during the extended period of study before appearing for the next examination. Students who fail in the supplementary examination will take up exams with next academic year batch.

VII. Awards:

- a) Certificates of Merit are awarded to the students securing the overall highest marks in all the internal assessment exams.
- b) Prizes are awarded to students scoring the highest marks in the competitive prize exams conducted by various departments.
- c) Proficiency certificates are awarded to the students securing the highest marks in each subject in the University examinations.
- d) The student securing the highest overall marks throughout the course of MBBS study (regular students) in the University exams - institution as well as university ranking, is presented with the Dr. A. Shanmugasundaram - The Founder Chancellor, VMRF(DU)'s, Gold Medal for the BEST OUTGOING STUDENT award.

VIII. Working Days:

Each academic year consists of approximately 240 teaching days. Each day comprises of 8 working hours including an hour's interval for lunch. The teaching hours are divided between didactic lectures, practicals, demonstrations, seminars, symposia, Small Group Teaching (SGT), Self Directed Learning (SDL), Early Clinical Exposure (ECE), Integrated Learning (IGL) in various subjects and AETCOM.

Parents-Teachers Face – To – Face and Virtual Communication :

Parents are encouraged to communicate with the faculty regarding the progress of their wards. Parents-Teachers Meetings are arranged by the departments including Face-To –Face as well as by virtual communication.

Rural Health Centre:

The VMKV Medical College & Hospitals runs a Rural Health Centre by the Community Medicine Department. In addition, two Government Primary Health Centres are also attached to the institution.

II MBBS Teaching Hours Distribution is as follows :

Subjects	Lectures (hours)	Small Group Teaching/ Tutorials/ Integrated learning/ Internal Assessment Examination/ Practical (hours)	Clinical Postings (hours)*	Self directed learning (hours)	Total (hours)
Microbiology	70	110	-	10	190
Pathology	80	138	-	12	230
Pharmacology	80	138	-	12	230
Forensic Medicine	15	30	-	5	50
Community Medicine	20	30	-	10	60
Clinical Postings	75**	-	540***	-	-
AETCOM	-	29	-	8	37
Sports and extracurricular activities	-	-	-	28	28
Total					1440

*“Education is not preparation for life;
education is life itself.*

John Dewey

Time Table -II MBBS (2021 - 2022 BATCH)

DAYS	08.30 – 11.30 am	11.30 am – 12.30 pm	12.30 - 1.15 pm	01.15 – 02.15 pm	2.15 - 3.15 pm	3.15 - 4.15 pm	04.15 – 05.15 pm	
MONDAY	OPD WARD CLINICALS	Pathology Theory	LUNCH BREAK	Microbiology Theory	Pharmacology Theory	Microbiology Theory	Pathology SDL / Tutorial	
TUESDAY		Microbiology Theory		Pathology Theory	Microbiology Practical 'A' Batch Pathology Practical 'B' Batch Pharmacology Practical 'C' Batch		Pharmacology (SDL / Tutorial)	
WEDNESDAY	# OPD WARD CLINICALS	@ EVS / # Forensic Medicine (Theory)		Pharmacology Theory	Microbiology Practical 'B' Batch Pathology Practical 'C' Batch		Microbiology (SDL / Tutorial)	
	*** Family Adoption Program (50 students per day) Remaining 100 students				Pharmacology Practical 'A' Batch			
	*** OPD WARD CLINICALS	*** Central Library			Microbiology Practical 'C' Batch Pathology Practical 'A' Batch Pharmacology Practical 'B' Batch			Sports
THURSDAY	OPD WARD CLINICALS	Pharmacology Theory		Pathology Theory	Community Medicine (Theory)	*O&G ** Medicine / Surgery / O&G (Theory)	Forensic Medicine Theory/SGL/SDL	♥ Extra Curricular activities
FRIDAY		Medicine (1 st and 3 rd week) Theory Surgery (2 nd and 4 th week) (Theory)						
SATURDAY	I week & III week Internal Assessment exam / Integrated Learning Microbiology / Pathology / Pharmacology	AETCOM (1 st & 5 th Saturday)		I & III Saturday March to May 2023 – Microbiology / Pathology / Pharmacology June to October 2023 - Pandemic Module November 2023 to February 2024 - Microbiology / Pathology / Pharmacology V Saturday - Forensic Medicine Internal Assessment Exam				
		Mentor Programme (3 rd Saturday)						

Slow learners class during respective classes. Integrated Learning – 25 % of Teaching hours.

* O&G (March to September 2023), **Medicine – October 2023, Surgery - November 2023 and Medicine / Surgery / O&G – December 2023 to February 2024

@ 1st, 2nd & 3rd week – March to May 2023 and December 2023 to February 2024

4th week – March 2023 to February 2024

*** 1st, 2nd & 3rd week - June to November 2023

♥ 1st week - Central Library and 2nd, 3rd & 4th Week club activity.

Gender Sensitization Programmes will be conducted during Student Orientation Programme & November 2023.

Vinayaka Mission's
Kirupananda Variyar Medical College & Hospital,
Seeragapadi, Salem- 636 308.
VINAYAKA MISSION'S RESEARCH FOUNDATION
 (Deemed To Be University)

II MBBS Degree Exam pattern for all departments:

Theory Paper I	-	100 Marks
Theory Paper II	-	100 Marks
Practicals	-	80 Marks
Viva	-	20 Marks

300 Marks

Theory Question pattern - 100 Marks

Type of question	Numbers X Marks	Total marks
<u>Section – A</u>		
Multiple Choice Questions	20 X 1	20
<u>Section – B</u>		
Long Answer Questions	2 X 15	30
Short Answer Questions	6 X 5	30
Brief Answer Questions	10 X 2	20
Total		100

Eligibility to appear for university exams

Internal Assessment (Theory + Practicals)	50% [Theory - minimum 40% Practicals- minimum 40%]
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INTERNAL ASSESSMENT

100 marks

Theory (50 marks)	Practicals (50 marks)
Theory (IA Marks+ Model exam marks) 40 Marks	Practicals (IA Marks+ Model exam marks) 30 Marks
Log Book – Theory	Log Book – Practicals
Seminar – 2 marks	Certifiable competencies – 8 marks
SDL – 3 marks	Research projects
AETCOM – 3 marks	(ICMR / Conferences) – 2 marks
Assignments – 2 marks	10 Marks
10 Marks	Records
Total = 50 marks	10 Marks
Total = 50 marks	Total = 50 marks

Criteria for pass in University exams

Theory	50% (Each Paper minimum 40%)
Practicals + Viva	50 %

Academic Plan



**VINAYAKA MISSION'S KIRUPANANDA VARIYAR
MEDICAL COLLEGE & HOSPITALS, SALEM – 636 308.**

Vinayaka Mission's Research Foundation (Deemed to be University)

ANNUAL YEARLY PLANNER

II MBBS (2021 – 2022 batch)

MODULE	NAME OF THE MODULE	No. of weeks
1.	General Module – General Microbiology, General Pathology, General Pharmacology	4 weeks
2.	General Pathology, General Pharmacology, Immunology, Immunomodulating Agents and vaccines, Bone and joints	4 weeks
3.	Head and Neck, Gastrointestinal and Hepatobiliary System, Central Nervous System	4 weeks
4.	Gastro Intestinal System, Central Nervous System, Endocrine System and Hematology	6 weeks
5.	Blood and Cardiovascular System, Hematology	4 weeks
6.	Cardiovascular System, Respiratory System, Male and Female Genital Tract, Breast, Diuretics, Autonomic Nervous System, Chemotherapy	4 weeks
7.	Renal System, Skin and Soft Tissue, Chemotherapy	4 weeks
8.	Genitourinary Tract, Skin and Soft Tissue, Infectious Disease, Hospital Acquired Infections.	2 weeks
9.	Model & Medal Examination	3 weeks
10.	University Examination	4 weeks

TOTAL TEACHING HOURS

Microbiology	190 hrs
Pathology	230 hrs
Pharmacology	230 hrs
Foresnic Medicine	50 hrs
Communty Medicine	60 hrs
Clinical Postings	615 hrs
AETCOM	37 hrs
Sports and extracurricular activities	28 hrs
Internal Assessment & Term exams	80 hrs

I. MICROBIOLOGY

I. GOAL:

The broad goal of the teaching of undergraduate students in Microbiology is to provide an understanding of the natural history of infectious diseases in order to deal with the etiology, pathogenesis, laboratory diagnosis, treatment, control and prevention of infections in the community & hospital.

II. COMPETENCIES:

The Undergraduate students must demonstrate:

- (a) Knowledge on common microbial agents causing infections, their morphology, mode of transmission, pathogenesis & clinical course.
- (b) Perform & interpret the basic diagnostic test for various infectious syndrome.
- (c) Knowledge on infection prevention measures to avoid hospital & community acquired infections.
- (d) Knowledge on proper handling & safe disposal of biomedical medical waste.

III. OBJECTIVES:

A. Knowledge (Cognitive Domain):

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

- a. State the infective microorganisms of the human body and describe the host parasite relationship.
- b. List the pathogenic microorganisms (bacteria, viruses, parasites, fungi) and describe the pathogenesis of the diseases produced by them.
- c. State or indicate the modes of transmission of pathogenic and opportunistic organisms and their sources including insect vectors responsible for transmission of infection.
- d. Describe the mechanisms of immunity to infections.
- e. Acquire knowledge on suitable antimicrobial agents for treatment of infections and scope of immune therapy and different vaccines available for prevention of communicable diseases.
- f. Apply methods of disinfection and sterilization to control and prevent hospital and community acquired infections.
- g. Recommend laboratory investigations regarding bacteriological examination of food, water, milk and air.

B. Skills (Psychomotor Domain):

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

- a. Operate and use the light microscope.
- b. To employ aseptic and sterile precautions while performing simple invasive procedures such as venepuncture etc.
- c. Collect and transport appropriate clinical materials with necessary precautions for the laboratory diagnosis of infectious diseases.

d. To perform common laboratory techniques (as given below) for the direct demonstration of microorganisms from clinical materials and interpret their findings. These should include:

1. Identification of given specimens and instruments.
2. Prepare a smear and perform Gram stain on body fluids, urine, pus specimens etc.
3. Prepare a smear and perform cold staining for demonstration of Mycobacteria especially from sputum.
4. Interpret results of microbiological tests including antimicrobial testing for the diagnosis of common infectious diseases.
5. Perform simple standard rapid tests for diagnosis of infectious diseases.
6. KOH preparation for the identification of fungal elements.
7. Saline and iodine preparations and concentration methods for demonstration of trophozoites, Ova or cysts in stool samples.
8. Prepare and stain peripheral blood for screening malarial parasites and microfilariae.
9. To organise the safe handling and disposal of infectious waste.

C. Affective Domain (Attitude and communication skills):

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

- a. Communicate effectively.
- b. Work as a member of a team.
- c. Complete and submit assignments in time.
- d. Solve clinical problems with Microbiological basis.
- e. Follow work ethics

D. Integration:

The student will have integrated knowledge of microorganisms and their pathogenicity, host response, laboratory diagnosis and epidemiology, control of diseases in the community by proper immunisation procedures.

UNIVERSITY EXAMINATION PATTERN

I.UNIVERSITY THEORY EXAMINATION PATTERN

Two papers each of 3 hours duration and carrying 100 marks each.

I.I. University Exam Marks distribution:

Theory Paper I	-	100 Marks
Theory Paper II	-	100 Marks
Practicals	-	80 Marks
Viva	-	20 Marks
	-	-----
	-	300 Marks
	-	-----

1.2.Marks distribution for each theory paper :

Type of Question	Numbers X Marks	Total Marks
<u>Section – A</u>		
Multiple Choice Questions	20 X 1	20
<u>Section – B</u>		
Long Answer Questions (LAQ)	2 X 15	30
Short Answer Questions (SAQ)	6 X 5	30
Brief Answer Questions (BAQ)	10 X 2	20
	Total	100

1.3 Paper - I and Paper – II Contents

Paper I :

- General Microbiology
- Immunology
- Hospital Infection Control
- Bloodstream & Cardiovascular infections
- Gastrointestinal (GI) Infections & Hepatobiliary infections

Paper II :

- Skin, Soft-tissue & Musculoskeletal infections
- Respiratory tract infections
- Central Nervous system infections
- Urogenital tract infections
- Miscellaneous infective syndromes

II.UNIVERSITY PRACTICAL EXAMINATION PATTERN

Practical Marks = 100 (Total 3 Hours)
(Practical - 80 marks + Viva - 20 marks)

PRACTICAL MARKS DISTRIBUTION

S. No	Exercise	Marks
1	Spotters (10)	10
2	Gram staining (1)	10
3	AFB staining (1)	10
4	Stool examination (1)	10
5	Case based exercises (1Bacteriology/ Virology) (1Parasitology/ Mycology)	15
		15
6	OSPE(1 Skilled&1 Unskilled)	10
	TOTAL	80
	VIVA	20
	GRAND TOTAL	100

VIVA VOCE EXAMINATION PATTERN

(Viva Examination will be conducted on rotation basis)

Examiner	Topics	Marks
Examiner I	General Microbiology, Immunology and Hospital Infection Control	5 Marks
Examiner II	Bloodstream and Cardiovascular infections, Gastrointestinal (GI) Infections& Hepatobiliary infections.	5 Marks
Examiner III	Skin, soft-tissue and musculoskeletal infections & Respiratory tract infections	5 Marks
Examiner IV	Central Nervous system infections, Urogenital tract infections & Miscellaneous infective syndromes.	5 Marks
Total		20 Marks

NOTE: - Viva voce marks to be added to the Practicals, not to Theory

Eligibility to appear for university exams	
Internal Assessment (Theory + Practicals)	50% [Theory - minimum 40% Practicals- minimum 40%]
Criteria for pass in university exams	
Theory	50% (Each Paper minimum 40%)
Practicals + Viva	50%

INTERNAL ASSESSMENT 100 marks	
Theory (50 marks)	Practicals (50 marks)
Theory (IA Marks+ Model exam marks) 40 Marks	Practicals (IA Marks+ Model exam marks) 30 Marks
Log Book – Theory	Log Book – Practicals
Seminar – 2 marks	Certifiable competencies – 8 marks
SDL – 3 marks	Research projects (ICMR / Conferences) – 2 marks
AETCOM – 3 marks	10 Marks
Assignments – 2 marks	Records 10 Marks
10 Marks	
Total = 50 marks	Total = 50 marks

***Note:** Internal Assessment marks will not to be added to the University Examinations marks and will reflect as a separate head of passing at the summative examination.

UNIVERSITY THEORY EXAMINATION PATTERN
DEPARTMENT OF MICROBIOLOGY
BLUE PRINT - PAPER I
PATTERN - I

S. No	Topics	Long Answer Questions (LAQ) (15 marks each)	Short Answer Questions (SAQ) (5 marks each)	Brief Answer Questions (BAQ) (2 marks each)	Multiple Choice Questions (MCQ) (1 mark each)	Total Marks
1.	General Microbiology	-	1	3	1	12
2.	Immunology	1	-	2	5	24
3.	Hospital Infection Control	-	1	1	5	12
4.	Bloodstream and Cardiovascular System Infections	1	1	2	3	27
5.	Gastrointestinal (GI) Infections & Hepatobiliary System Infections	-	3	2	6	25
Total Marks		2x15= 30	6x5 = 30	10x2= 20	20x1= 20	100

PATTERN - II

S. No.	Topics	Long Answer Questions (LAQ) (15 marks each)	Short Answer Questions (SAQ) (5 marks each)	Brief Answer Questions (BAQ) (2 marks each)	Multiple Choice Questions (MCQ) (1 mark each)	Total Marks
1.	General Microbiology	-	2	2	1	15
2.	Immunology	-	2	2	6	20
3.	Hospital Infection Control	1	-	-	-	15
4.	Bloodstream and Cardiovascular System Infections	-	2	3	6	22
5.	Gastrointestinal (GI) Infections & Hepatobiliary System Infections	1	-	3	7	28
Total Marks		2x15= 30	6x5 = 30	10x2= 20	20x1= 20	100

PATTERN -III

S. No.	Topics	Long Answer Questions (LAQ) (15 marks each)	Short Answer Questions (SAQ) (5 marks each)	Brief Answer Questions (BAQ) (2 marks each)	Multiple Choice Questions (MCQ) (1 mark each)	Total Marks
1.	General Microbiology	-	1	2	4	13
2.	Immunology	-	2	3	4	20
3.	Hospital Infection Control	1	-	-	-	15
4.	Bloodstream and Cardiovascular System Infections	1	1	1	5	27
5.	Gastrointestinal (GI) Infections & Hepatobiliary System Infections	-	2	4	7	25
	Total Marks	2x15= 30	6x5 = 30	10x2= 20	20x1= 20	100

PATTERN -IV

S. No.	Topics	Long Answer Questions (LAQ) (15 marks each)	Short Answer Questions (SAQ) (5 marks each)	Brief Answer Questions (BAQ) (2 marks each)	Multiple Choice Questions (MCQ) (1 mark each)	Total Marks
1.	General Microbiology	1	-	-	-	15
2.	Immunology	-	2	3	5	21
3.	Hospital Infection Control	-	1	2	5	14
4.	Bloodstream and Cardiovascular System Infections	-	2	4	7	25
5.	Gastrointestinal (GI) Infections & Hepatobiliary System Infections	1	1	1	3	25
	Total Marks	2x15= 30	6x5 = 30	10x2= 20	20x1= 20	100

UNIVERSITY THEORY EXAMINATION PATTERN
DEPARTMENT OF MICROBIOLOGY
BLUE PRINT - PAPER II
PATTERN - I

S. No.	Topics	Long Answer Questions (LAQ) (15 marks each)	Short Answer Questions (SAQ) (5 marks each)	Brief Answer Questions (BAQ) (2 marks each)	Multiple Choice Questions (MCQ) (1 mark each)	Total Marks
1.	Skin, soft-tissue and musculoskeletal system infections	1	-	3	4	25
2.	Respiratory tract infections	-	3	2	6	25
3.	Central Nervous System infections	1	1	2	6	30
4.	Urogenital infections	-	-	3	4	10
5.	Miscellaneous infective syndromes	-	1	-	-	5
6.	AETCOM	-	1	-	-	5
	Total Marks	2x15= 30	6x5 = 30	10x2= 20	20x1= 20	100

PATTERN - II

S. No.	Topics	Long Answer Questions (LAQ) (15 marks each)	Short Answer Questions (SAQ) (5 marks each)	Brief Answer Questions (BAQ) (2 marks each)	Multiple Choice Questions (MCQ) (1 mark each)	Total Marks
1.	Skin, soft-tissue and musculoskeletal system infections	-	2	2	6	20
2.	Respiratory tract infections	1	1	3	5	31
3.	Central Nervous System infections	1	-	3	5	26
4.	Urogenital infections	-	1	2	2	11
5.	Miscellaneous infective syndromes	-	1	-	2	7
6.	AETCOM	-	1	-	-	5
	Total Marks	2x15= 30	6x5 = 30	10x2= 20	20x1= 20	100

PATTERN - III

S. No.	Topics	Long Answer Questions (LAQ) (15 marks each)	Short Answer Questions (SAQ) (5 marks each)	Brief Answer Questions (BAQ) (2 marks each)	Multiple Choice Questions (MCQ) (1mark each)	Total Marks
1.	Skin, soft-tissue and musculoskeletal system infections	1	1	-	5	25
2.	Respiratory tract infections	-	3	2	6	25
3.	Central Nervous System infections	1	1	3	4	30
4.	Urogenital infections	-	-	3	4	10
5.	Miscellaneous infective syndromes	-	-	2	1	5
6.	AETCOM	-	1	-	-	5
	Total Marks	2x15= 30	6x5 = 30	10x2= 20	20x1= 20	100

PATTERN -IV

S. No.	Topics	Long Answer Questions (LAQ) (15 marks each)	Short Answer Questions (SAQ) (5 marks each)	Brief Answer Questions (BAQ) (2 marks each)	Multiple Choice Questions (MCQ) (1 mark each)	Total Marks
1.	Skin, soft-tissue and musculoskeletal system infections	-	3	2	6	25
2.	Respiratory tract infections	1	1	2	5	29
3.	Central Nervous System infections	1	-	3	5	26
4.	Urogenital infections	-	1	2	2	11
5.	Miscellaneous infective syndromes	-	-	1	2	4
6.	AETCOM	-	1	-	-	5
	Total Marks	2x15= 30	6x5 = 30	10x2= 20	20x1= 20	100

BOOKS RECOMMENDED

1. Essentials of Medical Microbiology – Apurba S Sastry
2. Textbook of Microbiology – C.P Baveja
3. Textbook of Microbiology – Ananthanarayan and Paniker
4. Diagnostic Microbiology – Bailey and Scott.
5. Koneman's Color Atlas and Textbook of Diagnostic Microbiology.
6. Mackie & McCartney Practical Medical Microbiology

II. PATHOLOGY

I. GOAL :

The broad goal of the teaching of undergraduate student in Pathology is to provide the students with a comprehensive knowledge of the mechanisms and causes of disease, in order to enable him/her to achieve complete understanding of the natural history, clinical manifestations of disease and to diagnose with appropriate lab investigations.

II. COMPETENCIES :

The undergraduate must demonstrate:

- a. Comprehension of the causes, evolution and mechanisms of diseases,
- b. Knowledge of alterations in gross and cellular morphology of organs in disease states,
- c. Ability to correlate the natural history, structural and functional changes with the clinical manifestations of diseases, their diagnosis and therapy,

III. OBJECTIVES :

A . Knowledge (Cognitive Domain):

At the end of the course, the student will be able to:-

- a. Describe the structure of a sick cell, mechanisms of cell degeneration, cell death and repair and be able to correlate structural and functional alterations.
- b. Explain the pathophysiological processes which govern the maintenance of homeostasis, mechanisms of their disturbance and the morphological and clinical manifestations associated with it.
- c. Describe the mechanisms and patterns to tissue response to injury such that she/he can appreciate the pathophysiology of disease processes and their clinical manifestations.
- d. Correlate normal and altered morphology (gross and microscopic) of different organ systems in common diseases to the extent needed for understanding of disease processes and their clinical significance.

B. Skills (Psychomotor Domain)

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

- a. Describe the rationale and principles of technical procedures of the diagnostic laboratory tests and interpretation of the results.
- b. Perform the simple bed-side tests on blood, urine and other biological fluid samples.
- c. Draw a rational scheme of investigations aimed at diagnosing and managing the cases of common disorders;
- d. Integrate biochemical/physiological disturbances that occur as a result of disease in collaboration with pre-clinical departments.

C. Affective Domain (Attitude and Communication Skills)

At the end of the course the student will be able to:

1. Develop an attitude of cooperation and interaction with clinician, patient and colleagues to provide the best diagnosis.
2. Follow ethical principles and maintain proper documents in dealing with patients and their relatives to respect the rights of the patients regarding the information.
3. Develop good communication skills to interact with the clinician & others, regarding reports & opinion.

D. Integration

The teaching should be aligned and integrated horizontally and vertically in organ systems recognizing deviations from normal structure and function and clinically correlated so as to provide an overall understanding of the etiology, mechanisms, laboratory diagnosis, and management of diseases.

UNIVERSITY EXAMINATION PATTERN

I. UNIVERSITY THEORY EXAMINATION PATTERN

Two papers each of 3 hours duration and carrying 100 marks each.

1.1 University Exam Marks distribution:

Theory Paper I	-	100 Marks
Theory Paper II	-	100 Marks
Practicals	-	80 Marks
Viva	-	20 Marks
	-	300 Marks

1.2 Marks distribution for each theory paper :

Type of question	Numbers X Marks	Total marks
<u>Section – A</u>		
Multiple Choice Questions	20 X 1	20
<u>Section – B</u>		
Long Answer Questions (LAQ)	2 X 15	30
Short Answer Questions (SAQ)	6 X 5	30
Brief Answer Questions (BAQ)	10 X 2	20
	Total	100

I.3. Paper I & Paper II Contents

Paper – I

- General Pathology
- Haematology

Paper - II

- Systemic Pathology

II. UNIVERISTY PRACTICAL EXAMINATION PATTERN

Practical Marks = 100 (Total 3 Hours)

(Practical – 80 marks + Viva – 20 marks)

Practical I & II of 1 hr 30 min each (Total 3 hrs duration) for 80 marks

PRACTICAL MARKS DISTRIBUTION

PRACTICAL I	MARKS
Ten spotters ➤ Instrument (2), ➤ Histopathology slides (5), ➤ Specimen (3)	10 Marks
Urine analysis ➤ Complete physical examination. ➤ Chemical analysis of two abnormal constituents.	15 Marks
PRACTICAL II	MARKS
Hematology –Major exercise – peripheral smear with DC	15 Marks
Hematology –Minor exercise – Hemoglobin (Sahli's method)	10 Marks
Hematology –OSPE- Blood grouping	10 Marks
Special hematology slide / chart – 2x2.5	5 Marks
Cytology slide (exfoliative cytology/ fluid) / chart – 2x2.5	5 Marks
Problem based exercise with questions -2x5	10 Marks
TOTAL	80 MARKS

VIVA VOCE EXAMINATION PATTERN

(Viva Examination will be conducted on rotation basis)

Examiner	Topics	Marks
Examiner –I	General Pathology	5 Marks
Examiner –II	Hematology and lymphoreticular system	5 Marks
Examiner –III	CVS, RS, GIT, and Liver	5 Marks
Examiner- IV	GUT, Bone, Muscle, Skin, Endocrine, Breast and CNS	5 Marks
	Total	20 Marks

Eligibility to appear for university exams

Internal Assessment (Theory + Practicals)	50% [Theory - minimum 40% Practicals- minimum 40%]
Criteria for pass in university exams	
Theory	50% (Each Paper minimum 40%)
Practicals + Viva	50%

INTERNAL ASSESSMENT 100 marks	
Theory (50 marks)	Practicals (50 marks)
Theory (IA Marks+ Model exam marks) 40 Marks	Practicals (IA Marks+ Model exam marks) 30 Marks
Log Book – Theory	Log Book – Practicals
Seminar – 2 marks	Certifiable competencies – 8 marks
SDL – 3 marks	Research projects
AETCOM – 3 marks	(ICMR / Conferences) – 2 marks
Assignments – 2 marks	10 Marks
10 Marks	Records 10 Marks
Total = 50 marks	Total = 50 marks

***Note:** Internal Assessment marks will not to be added to the University Examinations marks and will reflect as a separate head of passing at the summative examination.

**UNIVERSITY THEORY EXAMINATION PATTERN
DEPARTMENT OF PATHOLOGY
BLUE PRINT- PAPER I**

S. No	Topics	Long Answer Questions (LAQ) (15marks each)	Short Answer Questions(SAQ) (5marks each)	Brief Answer Questions (BAQ) (2marks each)	Multiple Choice Questions (MCQ) (1mark each)	Total Marks
1.	Cell injury & adaptation	-	1	2	2	11
2.	Inflammation and wound healing / Haemodynamic disorders and Thromboembolism / Neoplasia	1	1 (from the topic not covered in Long Answer Question)	-	5	25
3.	Diseases of immunity	-	-	2	2	6
4.	Genetic disorders	-	-	1	2	4
5.	Infectious diseases (TB, Syphilis & Typhoid)	-	1	1	2	9
6.	Nutritional diseases (PEM, Vitamin deficiency) (A, B, C, D, K and E) and Environmental diseases	-	1	1	2	9
7.	Red blood cell disorders / White blood cell disorders and lymph nodes	1	1 (from the topic not covered in Long Answer Question)	2 (from the topic not covered in Long Answer Question and Short Answer Question)	3	27
8.	Platelet, bleeding disorders & Blood banking		1	1	2	9
	Total Marks	2x15=30	6x5=30	10x2=20	20x1=20	100

PAPER – II

S. No.	Topics	Long Answer Questions (LAQ) (15marks each)	Short Answer Questions (SAQ) (5marks each)	Brief Answer Questions (BAQ) (2marks each)	Multiple Choice Questions (MCQ) (1mark each)	Total Marks
1.	Cardiovascular system & Blood vessels / Respiratory System / Gastro Intestinal Tract (GIT)	1	1 (from the topic not covered in Long Answer Question)	1 (from the topic not covered in Long Answer Question and Short Answer Question)	4	26
2.	Head and neck	-	-	1	1	3
3.	Hepatobiliary System & Pancreas	-	1	2	3	12
4.	Renal System / Lower Urinary Tract & Male Genital System / Breast & Female Genital Tract	1 (From male genital system, female genital tract/renal system)	1 (Female genital tract / Breast from the topic not covered in Long Answer Question)	1 (from the topic not covered in Long Answer Question and Short Answer Question)	5	27
5.	Endocrine System	-	1	1	2	9
6.	Bones, Joints and Soft tissue Tumour & Skin	-	1	2	2	11
7.	Peripheral Nerves & Eye	-	-	1	1	3
8.	Central Nervous System	-	-	1	2	4
9.	AETCOM	-	1	-	-	5
	Total Marks	2x15=30	6x5=30	10x2=20	20x1=20	100

I. BOOKS RECOMMENDED

Recommended books :

1. Robbins & Cotran Pathologic Basis of Disease by Kumar, Abbas, Aster -10th edition
2. Text and Practical Haematology for MBBS by Tejinder Singh -4th Edition.
3. Practical Pathology by Harshmohan – 5th Edition.
4. Clinical Haematology in Medical Practice – de Gruchy's Clinical Haematology-5th edition

Reference books :

1. Text book of Haematology – William's Hematology -10th edition
2. Text book of Haematology – Wintrobe's Clinical haematology-14th edition

III. PHARMACOLOGY

I. GOAL :

The broad goal of the teaching of undergraduate students in Pharmacology is to inculcate a rational and scientific basis of therapeutics.

II. COMPETENCIES :

The undergraduate must demonstrate:

- a. Knowledge about essential and commonly used drugs and an understanding of the pharmacologic basis of therapeutics.
- b. Ability to select and prescribe medicines based on clinical condition and the pharmacologic properties, efficacy, safety, suitability and cost of medicines for common clinical conditions of national importance.
- c. Knowledge of pharmacovigilance, essential medicine concept and sources of drug information and industry-doctor relationship.
- d. Ability to counsel patients regarding appropriate use of prescribed drug and drug delivery systems.

III. OBJECTIVES :

A. Knowledge (Cognitive Domain):

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

- a. Describe the pharmacokinetics and pharmacodynamics of essential and commonly used drugs :
- b. List of indications, contraindications, interactions and adverse reactions of commonly used drugs :
- c. Indicate the use of appropriate drug in a particular disease with consideration to its cost efficacy and safety for
 - i. Individual needs
 - ii. Mass therapy under national health programme
- d. Describe the pharmacokinetic basis, clinical presentations, diagnosis and management of common poisonings.
- e. List the drugs of addiction and recommend the management.
- f. Classify environmental and occupational pollutants and state the management issues.
- g. Indicate causation in prescription of drugs in special medical situations such as pregnancy, lactation, infancy and old age.
- h. Integrate the concept of rational drug therapy in clinical pharmacology
- i. State the principles underlying the concept of "Essential Drugs".
- j. Evaluate the ethics and modalities in the development and introduction of new drugs.

B. Skills (Psychomotor Domain):

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

- a. Prescribe drugs for common ailments.
- b. Recognize adverse reactions and interactions of commonly used drugs.
- c. Observe experiments designed for study of effects of drugs, bioassay and interpretation of the experimental data.
- d. Scan information on common pharmaceutical preparations and critically evaluate drug formulations.

C. Affective Domain

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

- a. Communicate effectively.
- b. Work as a member of a team.
- c. Complete and submit assignments in time.
- d. Solve clinical problems with anatomical basis.
- e. Follow work ethics.

D. Integration

The teaching should be aligned and integrated horizontally and vertically in organ systems recognizing the interaction between drug, host and disease in order to provide an overall understanding of the context of therapy.

UNIVERSITY EXAMINATION PATTERN

I. UNIVERSITY THEORY EXAMINATION PATTERN

Two papers each of 3 hours duration and carrying 100 marks each.

I.1. University Exam Marks distribution:

Theory Paper I	-	100 Marks
Theory Paper II	-	100 Marks
Practicals	-	80 Marks
Viva	-	20 Marks
	-	-----
	-	300 Marks

I.2. Mark distribution for each theory paper :

Type of Question	Numbers X Marks	Total Marks
<u>Section – A</u>		
Multiple Choice Questions (MCQ)	20 X 1	20
<u>Section – B</u>		
Long Answer Questions (LAQ)	2 X 15	30
Short Answer Questions (SAQ)	6 X 5	30
Brief Answer Questions (BAQ)	10 X 2	20
Total		100

I.3. Paper I & Paper II Contents

Paper I:

- General Pharmacology
- Central Nervous System
- Chemotherapy
- Gastrointestinal tract

Paper II:

- Autonomic Nervous System
- Cardiovascular System including Blood & Diuretics
- Respiratory system, Autacoids and their antagonists
- Endocrine system
- Miscellaneous

II. UNIVERSITY PRACTICAL EXAMINATION PATTERN

Practical Marks =100 (Total 3 Hours)
(Practical – 80 marks + Viva - 20Marks)

PRACTICAL MARKS DISTRIBUTION

S.No	Exercise	Marks
1.	Clinical Pharmacy <ul style="list-style-type: none">➤ Dosage form (5 marks)➤ ORS preparation / Starting of a IV Drip (5 marks)➤ Dosage calculation (5 marks)➤ Spotters (5 marks)	20 Marks
2.	Clinical Pharmacology <ul style="list-style-type: none">➤ Prescription writing (10 marks)➤ CCR (Audit) (10 marks)➤ ADR Reporting (5 marks)➤ P drug (5 marks)➤ Drug Promotional Literature (5 marks)	35 Marks
3.	Experimental Pharmacology (OSPE) <ul style="list-style-type: none">➤ Drug administration ,Using mannequin (10 marks)➤ ANS chart (5 marks)	15 Marks
4.	Communication <ul style="list-style-type: none">➤ Prescription communication /Optimal use of drugs / devices / storage of medicine (10 marks)	10 Marks

III. VIVA VOCE EXAMINATION PATTERN

(Viva Examination will be conducted on rotation basis)

Examiner	Topics	Marks
Examiner I	General Pharmacology & CNS	5 Marks
Examiner II	Chemotherapy & GIT	5 Marks
Examiner III	ANS, CVS and Including Blood & Diuretics	5 Marks
Examiner IV	Respiratory System Endocrines Autacoids and their antagonists Miscellaneous	5 Marks
Total		20 Marks

NOTE: - Viva voce marks to be added to the practicals, not to theory

Eligibility to appear for university exams

Internal Assessment (Theory + Practicals)	50% [Theory - minimum 40% Practicals- minimum 40%]
Criteria for pass in university exams	
Theory	50% (Each Paper minimum 40%)
Practicals + Viva	50%

INTERNAL ASSESSMENT 100 marks	
Theory (50 marks)	Practicals (50 marks)
Theory (IA Marks+ Model exam marks) 40 Marks	Practicals (IA Marks+ Model exam marks) 30 Marks
Log Book – Theory	Log Book – Practical
Seminar – 2 marks	Certifiable competencies – 8 marks
SDL – 3 marks	Research projects (ICMR / Conferences) – 2 marks
AETCOM – 3 marks	10 Marks
Assignments – 2 marks	Records 10 Marks
10 Marks	
Total = 50 marks	Total = 50 marks

***Note:** Internal Assessment marks will not to be added to the University Examinations marks and will reflect as a separate head of passing at the summative examination.

UNIVERSITY THEORY EXAMINATION PATTERN
DEPARTMENT OF PHARMACOLOGY
BLUE PRINT –PAPER I

PAPER –I						
S.No	Topics	Long Answer Questions (LAQ) (15marks each)	Short Answer Questions (SAQ) (5marks each)	Brief Answer Questions (BAQ) (2marks each)	Multiple Choice Questions (MCQ) (1mark each)	Total Marks
1.	General Pharmacology	-	1	2	3	12
2.	Central Nervous System & Local Anesthetics, Drug acting at Neuromuscular Junction and autonomic ganglia	1	2	4	8	41
3.	Chemotherapy	1	2	3	6	37
4.	Gastro Intestinal Tract	-	1	1	3	10
	Total Marks	2x15=30	6x5=30	10x2=20	20x1=20	100

PAPER – II

S.No	Topics	Long Answer Questions (LAQ) (15marks each)	Short Answer Questions (SAQ) (5marks each)	Brief Answer Questions (BAQ) (2marks each)	Multiple Choice Questions (MCQ) (1mark each)	Total Marks
1.	Autonomic Nervous system	-	1	2	3	12
2.	Cardio vascular system & Diuretics	1	1	3	5	31
3.	Blood	-	1	1	2	9
4.	Respiratory system	-	1	1	3	10
5.	Endocrines	1	-	2	4	23
6.	Miscellaneous Therapeutic Gases / Drugs used for Immuno-modulation / Vitamins & Enzymes in Therapy / Toxicology - Principles of toxicology and treatment of poisoning, Heavy metals and antagonists	-	1	1	3	10
7.	AETCOM		1			5
	Total	2x15=30	6x5=30	10x2=20	20x1=20	100

Recommended Text Books:

1. Essential of Medical Pharmacology by KD Tripathi.
2. Pharmacology and Pharmacotherapeutics by R.S. Satoskar
3. Clinical Pharmacology by Bennett & Brown.
4. Basic & Clinical Pharmacology by Bertram G Katzung.
5. Principles of Pharmacology by HL Sharma & KK Sharma.
6. Lipincott's Illustrated Reviews Pharmacology.
7. Medical Pharmacology by Padmaja Udayakumar
8. Textbook of Pharmacology by S.D. Seth

Reference Books

1. Goodman & Gilman's the Pharmacological Basis of Therapeutics by Laurence Brunton.
2. Rang and Dale's Text Book of Pharmacology,

***Medical education
does not exist to
provide students with
a way of making a
living, but to ensure
the health of the community***

Rudolf Virchow

**INTERNAL EXAMINATION & PARENT
TEACHERS MEETING SCHEDULE**

**INTERNAL ASSESSMENT, MODEL EXAM AND
MEDAL EXAM DATES FOR
II MBBS (2021-2022 BATCH)**

Sl. No	THEORY DATE	PRACTICAL DATES	DEPARTMENT
1.	06.05.2023	09.05.2023, 10.05.2023 & 11.05.2023	Microbiology
2.	03.06.2023	06.06.2023, 07.06.2023 & 08.06.2023	Pathology
3.	17.06.2023	20.06.2023, 21.06.2023 & 22.06.2023	Pharmacology
4.	05.08.2023	08.08.2023, 09.08.2023 & 10.08.2023	Pathology
5.	19.08.2023	22.08.2023, 23.08.2023 & 24.08.2023	Microbiology
6.	02.09.2023	05.09.2023, 06.09.2023 & 07.09.2023	Pharmacology
7.	21.10.2023	24.10.2023, 25.10.2023 & 26.10.2023	Microbiology
8.	04.11.2023	07.11.2023, 08.11.2023 & 09.11.2023	Pathology
9.	18.11.2023	21.11.2023, 22.11.2023 & 23.11.2023	Pharmacology

MODEL EXAM DATES

Date	Theory Exam	Practical exam
19.01.2024	Environmental Studies	
22.01.2024	Microbiology Paper -I	6 batches (25 students in each)
23.01.2024	Microbiology Paper -II	
25.01.2024	Pathology Paper -I	
29.01.2024	Pathology Paper -II	
30.01.2024	Pharmacology Paper -I	
31.01.2024	Pharmacology Paper -II	

MEDAL EXAM DATES

Microbiology	12.02.2024
Pathology	13.02.2024
Pharmacology	14.02.2024

PARENT-TEACHERS MEETING

1 st Parent-Teachers Meeting	19.07.2023 20.07.2023
2 nd Parent-Teachers Meeting	13.12.2023 14.12.2023

Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals, Salem – 636308.
ACADEMIC CALENDER 2022 – 2023

Date	Events for March 2023	Events for April 2023	Events for May 2023
1	First Internal Assessment Practical – Physiology & Biochemistry		Holiday – May Day
2	First Internal Assessment Practical – Physiology & Biochemistry	Sunday World Autism awareness day	
3			
4	World Obesity day		
5	Sunday		
6			Internal Assessment (Theory) - Microbiology
7		World Health day	Sunday
8		II Saturday	World Thalassemia day World Youth red cross day
9		Sunday	Mother's day Internal Assessment (Practical) - Microbiology
10			Internal Assessment (Practical) – Microbiology
11	II Saturday World Kidney day	National Safe Motherhood day A day for Parkinson	Internal Assessment (Practical) - Microbiology
12	Sunday		International Nurses day
13			II Saturday
14		Tamil New Year's Day Dr. Ambedkar Birthday	Sunday
15			
16		Sunday	
17		World Haemophilia day	
18			

19	Sunday		
20	World Oral health day World Head injury day		
21	International day of Forest World Down's syndrome day		Sunday
22	World Water day	IV Saturday Earth day Holiday - Ramzan	
23		Sunday	
24	World Tuberculosis day National Doctor's day		
25	IV Saturday	World Malaria day	World Thyroid day
26	Sunday		
27			IV Saturday
28			Sunday
29			
30		Sunday	
31		-	World No Tobacco day

Date	Events for June 2023	Events for July 2023	Events for August 2023
1			Breast feeding week
2		Sunday	Breast feeding week
3	Internal Assessment (Theory) - Pathology		Breast feeding week
4	Sunday		Breast feeding week
5	World Environment day		Breast feeding week Internal Assessment (Theory) - Pathology
6	Internal Assessment (Practical) – Pathology		Sunday Breast feeding week
7	Internal Assessment (Practical) – Pathology		Breast feeding week
8	Internal Assessment (Practical) – Pathology	II Saturday	Internal Assessment (Practical) - Pathology
9		Sunday	Internal Assessment (Practical) – Pathology
10	II Saturday		Internal Assessment (Practical) - Pathology
11	Sunday	World Population day	
12			II Saturday International Youth day
13			Sunday
14	World Blood donor day	II Parent Teacher Meeting	
15		II Parent Teacher Meeting	Holiday - Independence Day
16		Sunday	
17	Internal Assessment (Theory) – Pharmacology		
18	Sunday		
19	National Public Health Dentistry day	Parent – Teachers Meeting	Internal Assessment (Theory) - Microbiology
20	Internal Assessment (Practical) – Pharmacology	World Anesthesia and OTT day Parent – Teachers Meeting	Sunday
21	International Yoga day Internal Assessment (Practical) – Pharmacology		
22	Internal Assessment (Practical) – Pharmacology	IV Saturday	Internal Assessment (Practical) - Microbiology
23		Sunday	Internal Assessment (Practical) – Microbiology

24	IV Saturday		Internal Assessment (Practical) - Microbiology
25	Sunday		National Eye donation week
26			IV Saturday
27			Sunday
28			
29			
30		Sunday	
31	-		

Date	Events for September 2023	Events for October 2023	Events for November 2023
1	National Nutrition week	Sunday	
2	Internal Assessment (Theory) - Pharmacology	World Wildlife week Holiday - Gandhi Jayanthi	
3	Sunday		
4			Internal Assessment (Theory) – Pathology
5	Teacher’s day Internal Assessment (Practical) - Pharmacology		
6	Internal Assessment (Practical) – Pharmacology		
7	Internal Assessment (Practical) - Pharmacology		Internal Assessment (Practical) – Pathology
8	International Literacy day	Sunday	Internal Assessment (Practical) – Pathology
9	II Saturday	World Hospice and Palliative day	Internal Assessment (Practical) – Pathology
10	Sunday World Suicide prevention day	World Mental Health day	
11			
12			
13			
14			
15	Engineer’s day	Hand washing day Sunday	
16			
17	Sunday Holiday – Vinayagar Chaturthi		
18			Internal Assessment (Theory) – Pharmacology
19			
20			
21	International day of Peace	Internal Assessment (Theory) - Microbiology	Internal Assessment (Practical) – Pharmacology
22		Sunday	Internal Assessment (Practical) – Pharmacology
23	IV Saturday	Holiday Saraswathi & Ayuda Pooja	Internal Assessment (Practical) – Pharmacology

24	Sunday	World Polio day Holiday - Vijaya Dasami Internal Assessment (Practical) – Microbiology	
25		Internal Assessment (Practical) – Microbiology	
26		Internal Assessment (Practical) – Microbiology	
27			
28		IV Saturday	
29		Sunday	
30			
31		National Unity day	

Date	Events for December 2023	Events for January 2024	Events for February 2024
1		New year	
2			
3	Sunday		
4			Sunday World Cancer day International Dentist day
5			
6			
7		Sunday	
8			
9	II Saturday		
10	Sunday		II Saturday National Deworming day
11			Sunday
12			Medal Exam – Microbiology
13	Parent – Teachers Meeting	II Saturday	Medal Exam – Pathology
14	Parent – Teachers Meeting	Sunday	Medal Exam – Pharmacology
15		Pongal Holiday	
16		Pongal Holiday	
17	Sunday	Pongal Holiday	
18			Sunday
19		Model Exam – EVS	
20			
21		Sunday	
22		Model Exam (Theory) – Microbiology - I	
23	IV Saturday	Model Exam (Theory) – Microbiology – II	
24	Sunday		IV Saturday
25	Christmas - Holiday	Model Exam (Theory) – Pathology – I	Sunday
26		Republic Day	

27		IV Saturday	
28		Sunday	National Science day
29			
30		Model Exam (Theory) – Pharmacology - I	
31	Sunday	Model Exam (Theory) – Pharmacology - II	

*Medicine is only for those
who cannot imagine
doing anything else*

Dr. Luanda Grazette

Medical Education is not just a program for building
knowledge and skills in its recipients...
it is also an experience which creates attitudes and expectations.

--- Abraham Flexner ---