



VINAYAKA MISSION'S  
KIRUPANANDA VARIYAR  
MEDICAL COLLEGE & HOSPITALS



**Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals**  
(A Constituent College of Vinayaka Mission's Research Foundation, Deemed to be University)

☎ : 0427 - 3500800, Seeragapadi, Ariyanoor, Salem - 636 308.

**ACADEMIC CALENDAR**  
**(2023 - 2024)**  
**PHASE II MBBS**  
**(2022 - 2023 BATCH)**



VINAYAKA MISSION'S  
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வினாயகா மிஷன்  
கிருபாநாந்தா வாரியர்  
மேடிகல் கல்லூரி & ஹாஸ்பிதல்

Name :  
Registration No :  
Roll No :  
Academic Year :





VINAYAKA MISSION'S  
KIRUPANANDA VARIYAR  
MEDICAL COLLEGE & HOSPITALS



**Mrs. Annapoorani Shanmugasundaram,**  
Trustee  
Vinayaka Mission's Research Foundation (DU),  
Salem.

**Dr. A. Shanmugasundaram,**  
Founder Chancellor  
Vinayaka Mission's Research Foundation (DU),  
Salem.





VINAYAKA MISSION'S  
KIRUPANANDA VARIYAR  
MEDICAL COLLEGE & HOSPITALS



**Hon'ble Dato'Seri Dr. S. Sharavanan,**  
**Pro-Chancellor**  
**Vinayaka Mission's Research Foundation (DU),**  
**Salem.**





VINAYAKA MISSION'S  
KIRUPANANDA VARIYAR  
MEDICAL COLLEGE & HOSPITALS



**Shri. Gokul Krishnan Sharavanan,**  
**LL.B, LL.M, BAR-AT-LAW**  
**Executive Director**  
**Campus Development (VMKVMC Campus),**  
**Vinayaka Mission's Research Foundation (DU),**  
**Salem.**



# INSTITUTIONAL ORGANOGRAM



**Prof. Dr. K. Ezhil Vendhan,  
Dean  
Professor of Ophthalmology**



**Prof. Dr. S.R. Ranga Bashyam,  
Medical Superintendent  
Professor of General Medicine**



**Prof. Dr. Deepti Shastri,  
Deputy Dean  
Professor of Anatomy**



**Prof. Dr. E.M.J. Karthikeyan,  
Director, Hospital Development Committee  
Professor of General Surgery**

**ACADEMIC CALENDAR (2023-2024)  
SYLLABUS & CURRICULUM  
II MBBS (2022 - 2023 BATCH)**

**Website : [www.vmkvmc.edu.in](http://www.vmkvmc.edu.in)**

## 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 2004-05 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 Phase I and Phase II 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 Phase I and Phase II 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.

### PHASE I CLINICAL DEPARTMENTS

Anatomy  
Physiology  
Biochemistry

### PHASE II CLINICAL DEPARTMENTS

Pathology  
Microbiology  
Pharmacology

## HOSPITAL

The 748 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.

### **PHASE III CLINICAL DEPARTMENTS**

#### **Medicine & Allied Subjects**

Forensic Medicine & Toxicology  
Community Medicine  
General Medicine  
Respiratory Medicine  
Paediatrics  
Psychiatry  
Dermatology, Venereology & Leprosy  
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 RFID is available. An upgraded library with the latest collections of books and journals in addition to internet facilities is available.

Central library with 16049 books, open from 8 am to 12 midnight. Separate reference, Indian journals -76, International Journals-33, Learning resources of Delnet and proquest accessed, and Internet sections with 40 computers are present & easily accessible to students & faculty.

**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.

**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. Measures are taken to prevent ragging / Student harassment / Depression / Substance abuse.



**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, DVL (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:** Variyar Sporters - Play grounds with best and modern synthetic basket-ball court, volley-ball, cricket, hockey, foot-ball, badminton, throw ball, tennikoit and running track and Indoor games for table tennis & carrom 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 AMENITIES :** State of the Art, well equipped GYM, Mart for home supply, Branded Saloon and Food & Beverages outlet are available.

**STUDENT SUPPORT PROGRAMMES:** Like Students Council, Students Grievance Redressal Cell, Seminars, Symposia, CME, Slow and advanced learners programme, Student Mentorship Programme and Research activities are provided. Meritorious students get recognition in the form of awards and medals.

**ALUMNI ASSOCIATION :** 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 & AETCOM 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.

**Our students submit Anti-Ragging affidavit through online portal.**

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

**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. Dos & Don'ts:

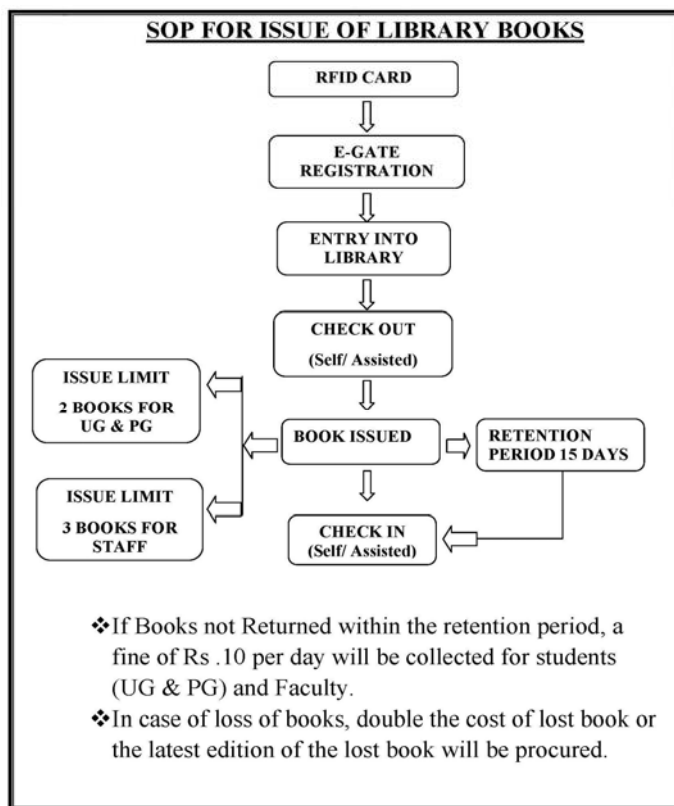
1. Students must use only the allotted space for studying
2. Strict silence must be maintained inside the library
3. Students wishing to use the computer terminals should obtain permission of the librarian.  
Use of computers must be for academic purpose only and not for entertainment.

### 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**
- **Executive Director** : **Shri. Gokul Krishnan Sharavanan**
- **Vice Presidents** : **Mr. J.S. Sathish Kumar  
Mr. N.V. Chandrasekar**
- **Directors** : **Mr. K. Jaganathan  
Mr. N. Ramaswamy**
- **Vice Chancellor** : **Dr. P.K. Sudhir**
- **Pro-Vice Chancellor** : **Dr. J. Sabarinathan**
- **Registrar** : **Dr. A. Nagappan**
- **Controller of Examinations** : **Dr. C.L. Prabhavathi**
- **Director (Students Welfare)** : **Dr. R.S. Shanmuga Sundaram**
- **Director (Admissions)** : **Mrs. S. Santhana Lakshmi**

## **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.,

## **PHASE II MBBS - ADMINISTRATORS**

- **Professor & HOD of Microbiology** : Dr. S. Mathavi, M.D.,  
96002 51333  
drmathavimicro@gmail.com
- **Professor & HOD of Pathology** : Dr. R. Thamilselvi, M.D.,  
98427 44313  
drselpathology@gmail.com
- **Professor & HOD of Pharmacology** : Dr. E. Manivannan, M.D.,  
97906 44978  
manipoo73@gmail.com
- **Academic Coordinator** : Dr. V. Sivasankari, M.D.,  
Professor of Pharmacology,  
94435 15035  
drvsivasankari@gmail.com
- **Student Mentorship Programme  
Coordinator** : Dr. M. Roopmala, M.D.,  
Professor of Pathology,  
90808 89277  
rubynandaarya@gmail.com



**SUPPORTING STAFF**

➤ Librarian	:	Dr. R. Kathirvel, MSc., MLIS, MPhil, PhD.,
➤ Deputy Warden (Male) (Vikram Sarabhai Hostel)	:	Mr. S. Syed Liyakath Ali, M.Sc.
➤ Deputy Warden (Male)	:	Dr. S. Arul Prakash, M.D.,
➤ Deputy Warden (Female) – Kirupa Hostel	:	Dr. Reena Rajan, MSc., Ph.D.,
➤ Assistant Warden (Female)	:	Mrs. Geetha, B.Com., Ms. Twinkle Sara Davi, M.Sc.,
➤ Office superintendent	:	Mr. P. Dhanasekaran, Mobile No:99424 06667

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

*- Babasaheb Ambedkar*

## ANTI –RAGGING COMMITTEE 2023-2024

Sl. No	Name of the Member	Role in the Committee	Contact No / E.mail ID
1.	Prof. Dr. K. Ezhil Vendhan, Dean	Chairperson	96552 18468 dean.vmkvmc@vmu.edu.in
<b>Members</b>			
Sl. No	Name of the Member	Designation	Contact No / E.mail ID
2.	Mr. D.M. Senthil Kumar	Civil Advocate	94432 41591
3.	Mr. A.Amala Advin, IPS	Police Administration Dy. Superintendent of Police, Rural Subdivision, Salem District	83001 27780 dspriralsalem@yahoo.com
4.	Mrs. Amsavalli	Police Administration Rural-Inspector of Police	94981 68410 a.pattysalem@yhoo.com
5.	Mrs. Durga Devi	Police Administration Sub-Inspector of Police (Attayampatti)	94421 30233
6.	Mr. R.S.Senthil Nathan	Local Media	93615 03000
7.	Mr. Yuvaraj	Non-Govt Organization Blessing Youth Mission	99437 56835 yuvaraj.bym@gmail.com
8.	Mrs. Devika	Non-Govt Organization Bharathiyar Malaival Makkal Nalvalu Sangam	97870 88088 devikafaith@gmail.com
9.	Dr. S.R.Ranga Bashyam	Convenor Medical Superintendent	98941 87784 rangabashyamr@yahoo.in
10.	Dr. Deepti Shastri	Representative of Faculty Deputy Dean	98427 24197 deeptishastrimukherjee@gmail.com
11.	Dr. Karthikeyan E.M.J	Representative of Faculty Director,Hospital Development Committee	98422 56564 emjkarthik@yahoo.co.in
12.	Dr. S.Senthil Priya	Representative of Faculty Dy. Medical Superintendent Professor, Obs. & Gyn.	83001 42244 senthilpriya2000@gmail.com
13.	Dr. J.Sridhar	Representative of Faculty Prof.,& Head, Surgery	98430 96700 drsridhar2002@yahoo.com
14.	Dr. B.Vignesh	Coordinator Red cross & Red Ribbon Club Asst. Professor of IHBT	88383 33966 dr.vignesh07@gmail.com
15.	Dr. Lovling Aarthy Maria	Coordinator NSS Asst. Professor of Community Medicine	98845 35007 lovingaarthy.maria@gmail.com
16.	Dr. R.Ramya	Staff Advisor, Students Council , Asso. Prof., Pharmacology	81221 70385 drramyarpharm@vmkvmc.edu.in
17.	Dr. R.Sudha	Academic Co-ordinator, I MBBS Asso.Prof., Biochemistry	98944 01792 sudhabharani76@gmail.com



18.	Dr. C.K.Vijayasamundeeswari	Student Mentorship Programme Coordinator, I-MBBS Professor, Biochemistry	94433 70319 drvijimani@gmail.com
19.	Dr. Roopmala M	Student Mentorship Programme Coordinator, II-MBBS Asso.Prof., Pathology	90808 89277 rubynandaarya@gmail.com
20.	Dr. Prem Nivas R	Student Mentorship Programme Coordinator, Final MBBS Part-I Asst.Prof., ENT	98659 63666 premnivas187@gmail.com
21.	Dr. Naveena P	Student Mentorship Programme Coordinator, Final MBBS Part-II Asso.Prof., Anaesthesia	97904 49375 siva_dr1983@yahoo.co.in
22.	Dr. Reena Rajan	Dy. Warden, Girls Hostel Asst.Prof., Microbiology	98949 90961 reenarajan83@gmail.com
23.	Mr. S. Syed Liyakath Ali	Dy. Warden, Boys Hostel Tutor, Physiology	99448 13369 s.syedliyakathali@gmail.com
24.	Dr. M. Mukesh	Dy. Warden, Boys Hostel Tutor, Forensic Medicine	99434 35158 drmmukesh1405@gmail.com
25.	Ms. Twinkle Sara David	Dy. Warden, Girls Hostel Tutor, Anatomy	81578 31729 twinklesarah123@gmail.com
26.	Ms. Karthiga G S	Representative of Students I MBBS(2022-23)	73737 26062 karthigaswaminathab123@gmail.com
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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 Rotating Medical Internship.

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

### **I.1. Phase I (I MBBS):**

Phase I (13 months) consisting of Foundation Course and Phase I subjects (Human Anatomy, Physiology, Biochemistry) & introduction to Community Medicine including humanities.

### **I.2. Phase II (II MBBS):**

Phase II (II MBBS) (13 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 Forensic Medicine & Community Medicine.

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

### **I.3. Phase III (III MBBS):**

#### **Part I (10.5 months)**

The Phase III Part I shall consist of Forensic Medicine including Toxicology and Community Medicine.

#### **Electives : (1 month)**

Block – I : 15 days may be offered in Final MBBS Part 1

**Subjects :** Anatomy/Physiology/Biochemistry/Pathology/Blood Banking/Microbiology/  
Pharmacology / Forensic Medicine & Toxicology.

Block – II : 15 days may be offered in Final MBBS Part 2

**Subjects :** General Medicine and allied, General Surgery and allied.

#### **Part II (17.5 months)**

The Phase III Part II shall consist of Ophthalmology, ENT, General Medicine & allied subjects, General Surgery & allied subjects, Obstetrics & Gynaecology and Paediatrics.

At the end of Phase III Part II, the candidate shall be appearing for the NExT examination.

**Time distribution of MBBS Programme & Examination Schedule**

**2022 – 2023 batch**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2022											1	2	
2023	3	4	5	6	7	8	9	10	11	12	13	1 <sup>st</sup> Prof Exam & Result 1 <sup>2nd</sup> MBBS	
2024	2	3	4	5	6	7	8	9	10	11	12	13	
2025	2 <sup>nd</sup> Prof Exam & Result 1 Final MBBS Part I	2	3	4	5	6	7	8	9	10	11 Final Part I Exam & Result	1 Final MBBS Part II	
2026	2	3	4	5	6	7	8	9	10	11	12	13	
2027	14	15	16	17	18 NEx T 1	I C R M I	2	3	4	5	6	7	8
2028	9	10	11	12	NEx T 2								

**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 (Microbiology, Pathology, Pharmacology, AETCOM & FAP log books)
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 Phase I, Phase II & Phase III 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 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.
- 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.
- 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.
- 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.
- 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.

### Department of Pathology / Pharmacology / Microbiology

Formative Assessment			Continuous Internal Assessment - Theory						Total
1 <sup>st</sup> PCT Theory	2 <sup>nd</sup> PCT Theory	Prelims Theory (Paper I & II)	Home Assignment	Continuous class test (LMS)	Seminar	Museum Study	Library Assignments	Attendance Theory	
					Self Directed Learning				
100	100	200	15	30	15	15	15	10	500

Formative Assessment			Continuous Internal Assessment - Practical						Total
1 <sup>st</sup> PCT Practical / First ward leaving Examination	2 <sup>nd</sup> PCT Practical / Second ward leaving Examination	Prelims Practical	Log Book (150)				Journal (Record book / portfolio)	Attendance (Practical)	
			Certifiable skill based competencies (Through OSPE/ OSCE/Spots/Exercise/ Other)	AETCOM Competencies	SVL Lab activity	Research			
100	100	100	60	30	40	20	40	10	500

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

#### VI. University Examinations:

##### 1. Marks distribution for various subjects for University Annual Examinations

Phase of Course	Theory	Practicals	Passing criteria
<b>I<sup>st</sup> MBBS</b>			In subjects that have two papers, the learner must secure minimum 40% of marks in aggregate (both papers together) to pass in the said subject.
Anatomy – 2 Papers	Paper 1-100	100	
	Paper 2-100		
Physiology – 2 Papers	Paper 1-100	100	
	Paper 2-100		
Biochemistry -2 Papers	Paper 1-100	100	
	Paper 2-100		A candidate shall obtain 50% marks in aggregate and 60:40 (minimum) or 40:60 (minimum) in University conducted examination separately in Theory and in Practical (Practical includes: Practical/Clinical and Viva Voce) in order to be declared as passed in that subject
<b>2<sup>nd</sup> MBBS</b>			
Pathology – 2 Papers	Paper 1-100	100	
	Paper 2-100		
Microbiology– 2 Papers	Paper 1-100	100	
	Paper 2-100		
Pharmacology -2 Papers	Paper 1-100	100	
	Paper 2-100		
<b>Final MBBS Part I</b>			
Forensic Med.Tox,-1 Paper	Paper 1-100	50	
Community Med- 2 Papers	Paper 1-100	100	
	Paper 2-100		

For NEXT, as per NEXT regulations.

##### 2. Criteria for Progression to Phase III

1. Examination pattern will include theory examination, practical / clinical examination and viva / oral examination.
2. If any students fails to clear university examination, he will appear in supplementary examination. Supplementary examinations and declaration of results shall be processed within 3 – 6 weeks from the date of declaration of the results of the main examination for every professional year, so that the candidates, who pass, can join the main batch for progression.
3. Candidates who fail in an examination but obtain pass mark in any subject shall be exempted from re-examination in that subject.
4. A learner shall not be entitled to graduate after 10 years of his/her joining of the first year of the MBBS course.

### **3. 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) All other successful candidates shall be declared to have passed in second class.

### **4. Attendance required for admission to examination**

- a) No candidate shall be permitted to any one of the phases 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:**

Duration of Phase II MBBS – 13<sup>th</sup> Dec 2023 to 15<sup>th</sup> January 2025

Time available:

1. Teaching hours - 42 weeks
2. Preliminary / University Exam and Results - 10 weeks

The teaching hours are divided between didactic lectures, practicals, demonstrations, seminars, symposia, Small Group Teaching (SGT), Self Directed Learning (SDL), 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.

**II MBBS Teaching Hours Distribution is as follows :**

Subjects	Lectures (Hours)	Small Group Learning (Tutorials/Seminars)/ Integrated learning/ Internal Assessment Examinations/ Practicals (Hours)	Clinical Postings (Hours)	Self directed learning (Hours)	Total (Hours)
Microbiology	70	140	-	10	220
Pathology	80	158	-	17	255
Pharmacology	80	158	-	17	255
Forensic Medicine & Toxicology	15	28	-	5	48
Community Medicine (+Family Adoption Program)	20	23	(27)	10	80 (43+10+27)
Clinical Postings	75	-	585	-	660
Attitude Ethics & Communication Module (AETCOM)	-	29	-	8	37
Sports and extracurricular activities	-	-	-	20	20
Pandemic Module			-		28
Total	340	312	612		1603
Surplus Hours					35
<b>Final Total</b>	<b>340</b>	<b>536</b>	<b>612</b>	<b>87</b>	<b>1638</b>

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

*- John Dewey*

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

**Time Table for II MBBS (2022 - 2023 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 / ^SGL	Pathology SDL
TUESDAY		Microbiology Theory		Pathology Theory	Microbiology Practical 'A' Batch ( ^SGL/DOAP)	Pathology Practical 'B' Batch ( ^SGL/DOAP)	Pharmacology SDL
WEDNES DAY	# OPD WARD CLINICALS/ *FAP	Community Medicine Theory/ ^SGL / SDL		Pharmacology Theory	Microbiology Practical 'B' Batch ( ^SGL/DOAP)	Pathology Practical 'C' Batch ( ^SGL/DOAP)	
					Pharmacology Practical 'A' Batch ( ^SGL/DOAP)		
THURSDAY	OPD WARD CLINICALS	Pharmacology/ ***EVS **Medicine / Surgery Theory		Pathology ^SGL	Microbiology Practical 'C' Batch ( ^SGL/DOAP)	Pathology Practical 'A' Batch ( ^SGL/DOAP)	Sports
FRIDAY		Medicine (1 <sup>st</sup> and 3 <sup>rd</sup> week) Theory		Pharmacology ^SGL	O&G -Theory (Dec. 2023 - June 2024) Pathology -Theory (July – Nov. 2024)	Forensic Medicine Theory / ^SGL / SDL	
		Surgery (2 <sup>nd</sup> and 4 <sup>th</sup> week)Theory					
SATURDAY	I week & III week Internal Assessment exam / Integrated Learning Microbiology / Pathology/ Pharmacology	Pharmacology/ Pathology Theory (1 <sup>st</sup> & 5 <sup>th</sup> Saturday)	<b>I &amp; III Saturday</b> AETCOM (Dec. 2023 - June 2024) / Pandemic Module (July 2024 – Nov. 2024) V Saturday - Forensic Medicine Internal Assessment Exam				
		Student Mentorship Programme (3 <sup>rd</sup> Saturday)					

- \* Family Adoption Program - 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> week - March to July 2024
- \*\* Medicine / Surgery - Medicine (October 2024) / Surgery (November 2024)
- \*\*\* EVS (July 2024- Sep 2024)
- ♥ 1st week - Central Library and 2nd, 3rd & 4th week - Club activity.
- ^ SGL (Tutorial /Seminar/IGL)

**Note :**

- Slow learners class during respective classes. Integrated Learning – 25 % of Teaching hours.
- Gender Sensitization Programmes will be conducted during Student Orientation Programme (December 2023) and November 2024
- II & IV Saturday – Holiday

**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

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 300 Marks  
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**Theory Question pattern** - 100 Marks

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

**Criteria for pass in University Examinations**

Theory – Paper I & Paper II	40% (both papers together minimum 40%)	50 % (Theory & Practical both together)
Practicals + Viva	40 % (Minimum)	

**Eligibility to appear for University Examinations**

Internal Assessment (Theory + Practical)	50% [Theory - minimum 40% Practicals- minimum 40%]
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Formative Assessment			Continuous Internal Assessment - Theory						Total
1 <sup>st</sup> PCT Theory	2 <sup>nd</sup> PCT Theory	Prelims Theory (Paper I & II)	Home Assignment	Continuous class test (LMS)	Seminar	Museum Study	Library Assignments	Attendance Theory	
					Self Directed Learning				
100	100	200	15	30	15	15	15	10	500

Formative Assessment			Continuous Internal Assessment - Practical						Total
1 <sup>st</sup> PCT Practical / First ward leaving Examination	2 <sup>nd</sup> PCT Practical / Second ward leaving Examination	Prelims Practical	Log Book (150)				Journal (Record book / portfolio)	Attendance (Practical)	
			Certifiable skill based competencies (Through OSPE/ OSCE/Spots/Exercise/ Other)	AETCOM Competencies	SVL Lab activity	Research			
100	100	100	60	30	40	20	40	10	500



# **ACADEMIC PLAN**

**ANNUAL PLANNER**  
**II MBBS (2022 – 2023 Batch)**

<b>MODULE</b>	<b>NAME OF THE MODULE</b>	<b>No. of weeks</b>
1.	General Module – General Microbiology, General Pathology, General Pharmacology	4 weeks
2.	General Pathology, General Pharmacology, Immunology, Immunomodulating Agents and vaccines, Bone and joints	5 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	5 weeks
6.	Cardiovascular System, Respiratory System, Male and Female Genital Tract, Breast, Diuretics, Autonomic Nervous System, Chemotherapy	5 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
	<b>Total</b>	<b>42 weeks</b>

**Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals, Salem -636308.**

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

**Program Outcome**

Program Outcomes	At the end of the M.B.B.S Program, the student will be a:
PO1	Clinician who understands and provides preventive, promotive, curative, palliative and holistic care with compassion.
PO2	Leader and member of the health care team and system with capabilities to collect analyze, synthesize and communicate health data appropriately.
PO3	Communicator with patients, families, colleagues and community.
PO4	Life long learner committed to continuous improvement of skill and knowledge.
PO5	Professional, who is committed to excellence, is ethical, responsive and accountable to patients, community and profession.

**Course Outcome**

**Microbiology**

CO 1	Describe and demonstrate the role of microbial agents in health and disease
CO 2	Discuss the immunological mechanisms in health and disease
CO 3	Correlate the natural history, mechanisms and clinical manifestations of infectious diseases as they relate to the properties of microbial agents
CO 4	Describe the principles and application of infection control measures
CO5	Describe and demonstrate the basis of choice of laboratory diagnostic tests and their interpretation, antimicrobial therapy, control and prevention of infectious diseases.



### **Pathology**

CO1	Describe the causes, evolution and mechanisms of diseases
CO2	Describe and demonstrate alterations in gross and cellular morphology of organs and haematological elements in disease states
CO3	Correlate the natural history, structural and functional changes with the clinical manifestations of diseases, laboratory interpretation their diagnosis and therapy.

### **Pharmacology**

CO1	Describe the essential and commonly used drugs and understanding the pharmacologic basis of therapeutics
CO2	Select and prescribe medicines based on clinical condition and the pharmacological properties, efficacy, safety, suitability and cost of medicines for common clinical conditions of national importance
CO3	Describe pharmacovigilance, essential medicine concept and sources of drug information and industry-doctor relationship
CO4	Counsel patients regarding appropriate use of prescribed drug and drug delivery systems.

## **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:**

<b>Theory Paper I</b>	-	<b>100 Marks</b>
<b>Theory Paper II</b>	-	<b>100 Marks</b>
<b>Practicals</b>	-	<b>80 Marks</b>
<b>Viva</b>	-	<b>20 Marks</b>
		-----
	-	<b>300 Marks</b>
		-----

#### **1.2.Marks distribution for each theory paper :**

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

#### **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
<b>Total</b>		<b>20 Marks</b>

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

<b>Eligibility to appear for university exams</b>		
Internal Assessment (Theory + Practicals)	50% [Theory - minimum 40% Practicals- minimum 40%]	
<b>Criteria for pass in university exams</b>		
Theory – Paper I & Paper II	40% (both papers together minimum 40%)	50 % (Theory & Practical both together)
Practicals + Viva	40 % (Minimum)	

## INTERNAL ASSESSMENT

Formative Assessment			Continuous Internal Assessment - Theory						Total
1 <sup>st</sup> PCT Theory	2 <sup>nd</sup> PCT Theory	Prelims Theory (Paper I & II)	Home Assignment	Continuous class test (LMS)	Seminar	Museum Study	Library Assignments	Attendance Theory	
					Self Directed Learning				
100	100	200	15	30	15	15	15	10	500

Formative Assessment			Continuous Internal Assessment - Practical						Total
1 <sup>st</sup> PCT Practical / First ward leaving Examination	2 <sup>nd</sup> PCT Practical / Second ward leaving Examination	Prelims Practical	Log Book (150)				Journal (Record book / portfolio)	Attendance (Practical)	
			Certifiable skill based competencies (Through OSPE/ OSCE/Spots/Exercise/ Other)	AETCOM Competencies	SVL Lab activity	Research			
100	100	100	60	30	40	20	40	10	500

**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.

### Recommended text books:

- Essentials of Medical Microbiology - 4th edition by Apurba Shastry and Sandhya Bhat (CBME Curriculum)
- Textbook of Microbiology - Ananthanarayan & Paniker (CBME Curriculum)
- Textbook of Microbiology - P.Chakraborty
- Textbook of Medical Parasitology - Jayaram Paniker
- Textbook of Parasitology - K.D.Chatterjee

### Reference books:

- Diagnostic Microbiology – Bailey and Scott
- Koneman's Color Atlas and Textbook of Diagnostic Microbiology
- Mackie & McCartney Practical Medical Microbiology
- Harrison's Infectious Diseases – 3rd edition
- Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases - 9th Edition.

*“The role of the infinitely small in nature is infinitely great”*

*- Louis Pasteur*

## 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:

<b>Theory Paper I</b>	-	<b>100 Marks</b>
<b>Theory Paper II</b>	-	<b>100 Marks</b>
<b>Practicals</b>	-	<b>80 Marks</b>
<b>Viva</b>	-	<b>20 Marks</b>
		-----
	-	<b>300 Marks</b>
		-----

#### 1.2 Marks distribution for each theory paper :

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

#### 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**

<b>PRACTICAL I</b>	<b>MARKS</b>
Ten spotters ➤ Instrument (2), ➤ Histopathology slides (5), ➤ Specimen (3)	10 Marks
Urine analysis ➤ Complete physical examination. ➤ Chemical analysis of two abnormal constituents.	15 Marks
<b>PRACTICAL II</b>	<b>MARKS</b>
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
<b>TOTAL</b>	<b>80 Marks</b>

### **VIVA VOCE EXAMINATION PATTERN**

(Viva Examination will be conducted on rotation basis)

<b>Examiner</b>	<b>Topics</b>	<b>Marks</b>
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
	<b>Total</b>	<b>20 Marks</b>

Eligibility to appear for university exams		
Internal Assessment (Theory + Practicals)	50% [Theory - minimum 40% Practicals- minimum 40%]	
Criteria for pass in university exams		
Theory – Paper I & Paper II	40% (both papers together minimum 40%)	50 % (Theory & Practical both together)
Practicals + Viva	40 % (Minimum)	

### INTERNAL ASSESSMENT

Formative Assessment			Continuous Internal Assessment - Theory						Total
1 <sup>st</sup> PCT Theory	2 <sup>nd</sup> PCT Theory	Prelims Theory (Paper I & II)	Home Assignment	Continuous class test (LMS)	Seminar	Museum Study	Library Assignments	Attend ance Theory	
					Self Directed Learning				
100	100	200	15	30	15	15	15	10	500

Formative Assessment			Continuous Internal Assessment - Practical						Total
1 <sup>st</sup> PCT Practical / First ward leaving Examination	2 <sup>nd</sup> PCT Practical / Second ward leaving Examination	Prelims Practical	Log Book (150)				Journal (Record book/ portfolio)	Attend ance (Practical)	
			Certifiable skill based competencies (Through OSPE/ OSCE/Spots/Exercise/ Other)	AETCOM Competencies	SVL Lab activity	Research			
100	100	100	60	30	40	20	40	10	500

**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.

#### Recommended text books:

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

#### Reference books :

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

*“Without laboratories men of science are soldiers without arms”.*  
*-Louis Pasteur*

### **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:**

<b>Theory Paper I</b>	-	<b>100 Marks</b>
<b>Theory Paper II</b>	-	<b>100 Marks</b>
<b>Practicals</b>	-	<b>80 Marks</b>
<b>Viva</b>	-	<b>20 Marks</b>
	-	-----
	-	<b>300 Marks</b>
		-----

#### **1.2. Mark distribution for each theory paper :**

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

#### **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**

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

## **III. VIVA VOCE EXAMINATION PATTERN**

(Viva Examination will be conducted on rotation basis)

<b>Examiner</b>	<b>Topics</b>	<b>Marks</b>
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
<b>Total</b>		<b>20 Marks</b>

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

<b>Eligibility to appear for university exams</b>		
Internal Assessment (Theory + Practicals)	50% [Theory - minimum 40% Practicals- minimum 40%]	
<b>Criteria for pass in university exams</b>		
Theory – Paper I & Paper II	40% (both papers together minimum 40%)	50 % (Theory & Practical both together)
Practicals + Viva	40 % (Minimum)	

### INTERNAL ASSESSMENT

Formative Assessment			Continuous Internal Assessment - Theory						Total
1 <sup>st</sup> PCT Theory	2 <sup>nd</sup> PCT Theory	Prelims Theory (Paper I & II)	Home Assignment	Continuous class test (LMS)	Seminar	Museum Study	Library Assignments	Attendance Theory	
					Self Directed Learning				
100	100	200	15	30	15	15	15	10	500

Formative Assessment			Continuous Internal Assessment - Practical						Total
1 <sup>st</sup> PCT Practical / First leaving Examination	2 <sup>nd</sup> PCT Practical / Second leaving Examination	Prelims Practical	Log Book (150)				Journal (Record book / portfolio)	Attendance (Practical)	
			Certifiable skill based competencies (Through OSPE/ OSCE/Spots/Exercise/ Other)	AETCOM Competencies	SVL Lab activity	Research			
100	100	100	60	30	40	20	40	10	500

**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.

**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,

***“All drugs are poisons the benefit of a drug depends on its dose”***

***-Paul F. Torrence***



**INTERNAL ASSESSMENT, MODEL EXAM, MEDAL EXAM AND  
PARENT TEACHERS MEETING SCHEDULE  
II MBBS (2022-2023 BATCH)**

**TENTATIVE DATES**

**INTERNAL ASSESSMENT**

Sl. No	Theory Date	Practical Dates	Department
1.	20.01.2024	23.01.2024, 24.01.2024 & 25.01.2024	Microbiology
2.	17.02.2024	20.02.2024, 21.02.2024 & 22.02.2024	Pathology
3.	16.03.2024	19.03.2024, 20.03.2024 & 21.03.2024	Pharmacology
4.	20.04.2024	23.04.2024, 24.04.2024 & 25.04.2024	Pathology
5.	18.05.2024	21.05.2024, 22.05.2024 & 23.05.2024	Microbiology
6.	15.06.2024	18.06.2024, 19.06.2024 & 20.06.2024	Pharmacology
7.	20.07.2024	23.07.2024, 24.07.2024 & 25.07.2024	Microbiology
8.	17.08.2023	20.08.2024, 21.08.2024 & 22.08.2024	Pathology
9.	21.09.2024	24.09.2024, 25.09.2024 & 26.09.2024	Pharmacology

**MODEL EXAM**

S.No	Theory Date	Exam	Practical exam
1.	08.11.2024	Environmental Studies	6 batches (25 students in each) (21.11.2024 to 27.11.2024)
2.	11.11.2024	Microbiology Paper -I	
3.	12.11.2024	Microbiology Paper -II	
4.	14.11.2024	Pathology Paper -I	
5.	15.11.2024	Pathology Paper -II	
6.	18.11.2024	Pharmacology Paper -I	
7.	19.11.2024	Pharmacology Paper -II	

**MEDAL EXAM**

Microbiology	28.11.2024
Pathology	29.11.2024
Pharmacology	30.11.2024

**PARENT-TEACHERS MEETING**

1 <sup>st</sup> Parent-Teachers Meeting	25.04.2024 26.04.2024
2 <sup>nd</sup> Parent-Teachers Meeting	09.10.2024 10.10.2024

**VINAYAKA MISSION'S KIRUPANANDA VARIYAR  
MEDICAL COLLEGE & HOSPITALS, SALEM – 636308.  
ACADEMIC CALENDER 2023 – 2024**

S.No	Events for December 2023	Events for January 2024	Events for February 2024
1	World AIDS Day	<b>Holiday -New Year</b>	
2			
3	<b>Sunday</b> United Nation's International day of Person's with disabilities		
4			<b>Sunday</b> World Cancer day International Dentist day
5			
6			
7		<b>Sunday</b>	
8			
9	<b>II Saturday</b>		
10	<b>Sunday</b>		<b>II Saturday</b> <b>National Deworming day</b>
11			<b>Sunday</b>
12			
13		<b>II Saturday</b>	
14		<b>Sunday</b>	
15		<b>Holiday -Pongal Festival</b>	
16		<b>Holiday -Thiruvalluvar Day</b>	
17	<b>Sunday</b>	<b>Holiday -Uzhavar Thirunal</b>	IA Pathology-Theory
18			<b>Sunday</b>
19			
20		IA Microbiology -Theory	IA Pathology-Practical
21		<b>Sunday</b>	IA Pathology-Practical
22			IA Pathology-Practical
23	<b>IV Saturday</b>	IA Microbiology-Practical	
24	<b>Sunday</b>	IA Microbiology- Practical	<b>IV Saturday</b>
25	<b>Holiday -Christmas</b>	IA Microbiology- Practical	<b>Sunday</b>
26		<b>Holiday -Republic Day</b>	
27		<b>IV Saturday</b>	
28		<b>Sunday</b>	<b>National Science Day</b>
29			
30			
31	<b>Sunday</b>		

S.No	Events for March 2024	Events for April 2024	Events for May 2024
1			Holiday -May Day
2		World Autism awareness day	
3	<b>Sunday</b>		
4	World Obesity day		
5			<b>Sunday</b>
6			
7		<b>Sunday</b> World Health day	
8			World Thalassaemia day World Youth red cross day
9	<b>II Saturday</b>		Mother's day
10	<b>Sunday</b>		
11	World Kidney day	National Safe Motherhood day A day for Parkinson Ramzan	<b>II Saturday</b>
12			<b>Sunday</b> International Nurses day
13		<b>II Saturday</b>	
14		<b>Sunday</b> Tamil New Year - Holiday Dr. Ambedkar Birthday	
15			
16	IA Pharmacology-Theory		
17	<b>Sunday</b>	World Haemophilia day	
18			IA Microbiology-Theory
19	IA Pharmacology- Practical		<b>Sunday</b>
20	World Oral health day World Head injury day IA Pharmacology- Practical	IA Pathology-Theory	
21	International day of Forest ,World Down's syndrome day IA Pharmacology- Practical	Mahavir Jayanthi <b>Sunday</b>	IA Microbiology-Practical
22	World Water day	Earth day	IA Microbiology-Practical
23	<b>IV Saturday</b>	IA Pathology-Practical	IA Microbiology-Practical
24	<b>Sunday</b> World Tuberculosis day National Doctor's day	IA Pathology-Practical	
25		World Malaria day IA Pathology-Practical Parent Teachers Meeting	<b>IV Saturday</b> World Thyroid day
26		Parent Teachers Meeting	<b>Sunday</b>
27		<b>IV Saturday</b>	
28		<b>Sunday</b>	
29			
30			
31	<b>Sunday</b>	-	World No Tobacco day

S.No	Events for June 2024	Events for July 2024	Events for August 2024
1			Breast feeding week
2	<b>Sunday</b>		Breast feeding week
3			Breast feeding week
4			Sunday
5	World Environment day		Breast feeding week
6			Breast feeding week
7		<b>Sunday VMRF (DU) Convocation</b>	Breast feeding week
8	<b>II Saturday</b>		
9	<b>Sunday</b>		<b>VMKVMCH - Graduation Day</b>
10			<b>II Saturday</b>
11		World Population day	<b>Sunday</b>
12			International Youth day
13		<b>II Saturday</b>	
14	World Blood donor day	<b>Sunday</b>	
15	<b>IA Pharmacology-Theory</b>		<b>Holiday -Independence Day</b>
16	<b>Sunday</b>		
17	Bakrid	Muharram	IA Pathology-Theory
18	<b>IA Pharmacology-Practical</b>		<b>Sunday</b>
19	National Public Health Dentistry day <b>IA Pharmacology-Practical</b>		
20	<b>IA Pharmacology-Practical</b>	World Anesthesia and OTT day <b>IA Microbiology -Theory</b>	IA Pathology-Practical
21	International Yoga day	<b>Sunday</b>	IA Pathology-Practical
22	<b>IV Saturday</b>		IA Pathology-Practical
23	<b>Sunday</b>	<b>IA Microbiology-Practical</b>	
24		<b>IA Microbiology-Practical</b>	<b>IV Saturday</b>
25		<b>IA Microbiology-Practical</b>	<b>Sunday</b> National Eye donation week
26			Krishnan Jayanthi
27		<b>IV Saturday</b>	
28		<b>Sunday</b>	
29			
30	<b>Sunday</b>		
31	-		

S.No	Events for September 2024	Events for October 2024	Events for November 2024
1	<b>Sunday</b>		
2		<b>Holiday-Gandhi Jayanthi</b>	
3			<b>Sunday</b>
4			
5			
6		<b>Sunday</b>	
7	<b>Holiday-Vinayagar Chathurthi</b>		
8	<b>Sunday</b>		Model Exam(Theory) – EVS
9		Parent Teachers Meeting	<b>II Saturday</b>
10		Parent Teachers Meeting	<b>Sunday</b>
11		<b>Holiday-Ayutha Pooja</b>	Model Exam (Theory) – Microbiology - I
12		<b>Holiday -Vijaya Dasami II Saturday</b>	Model Exam (Theory) – Microbiology – II
13		<b>Sunday</b>	
14	<b>II Saturday</b>		Model Exam (Theory) – Pathology - I
15	<b>Sunday</b>		Model Exam (Theory) – Pathology – II
16	Milad-un-Nabi		
17			<b>Sunday</b>
18			Model Exam (Theory) – Pharmacology - I
19			Model Exam (Theory) – Pharmacology – II
20		<b>Sunday</b>	
21	IA Pharmacology –Theory		Model Exam Practical Exam-(Micro/Patho/Pharm)
22	<b>Sunday</b>		Model Exam Practical Exam-(Micro/Patho/Pharm)
23			<b>IV Saturday</b> Model Exam Practical Exam-(Micro/Patho/Pharm)
24	IA Pharmacology-Practical		<b>Sunday</b>
25	IA Pharmacology-Practical		Model Exam Practical Exam-(Micro/Patho/Pharm)
26	IA Pharmacology-Practical	<b>IV Saturday</b>	Model Exam Practical Exam-(Micro/Patho/Pharm)
27		<b>Sunday</b>	Model Exam Practical Exam-(Micro/Patho/Pharm)
28	<b>IV Saturday</b>		Medal Exam– Microbiology
29	<b>Sunday</b>		Medal Exam – Pathology
30			Medal Exam– Pharmacology
31		<b>Holiday- Deepavali festival</b>	

S.No	Events for December 2024	Events for January 2025
1	Sunday	
2		
3		
4		
5		Sunday
6		
7		
8	Sunday	
9		
10		
11		II Saturday
12		Sunday
13		
14	II Saturday	
15	Sunday	Holiday - Pongal Holiday
16		Holiday -Thiruvalluvar Day
17		Holiday - Uzhavar Thirunal
18		
19		Sunday
20		
21		
22	Sunday	
23		
24		
25	Holiday -Christmas	IV Saturday
26		Sunday
27		
28	IV Saturday	
29	Sunday	
30		
31		

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

**-Dr. Luanda Grazette**

*“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**

*“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**





**Communication is power. Those who have mastered its effective use can change their own experience of the world and the world's experience of them. All behavior and feelings find their original roots in some form of communication - Tony Robbins**