



# Undergraduate Assessment Record MICROBIOLOGY

The Tamil Nadu  
Dr. M.G.R. Medical University,  
Chennai

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Chennai



**Under Graduate Assessment Record  
Department of Microbiology**

Name of the College :

Academic year :

Name of the Student :

Registration No. :

Competency based education implemented by this university is an outcome-based learning on a framework of competencies. The present system needs an ongoing and longitudinal assessment to identify the learning opportunities and acquire the mandated competency. Consequently, this university is enabling this assessment record to decide if the learner has acquired the mandated competencies.

This assessment record is designed to collect and analyze data of a student's learning in relation to a required competency and the learner's stage of training, based on - the use of knowledge, technical skills, clinical reasoning, communication, emotions, values, and reflection continuously and consistently and not isolated to the final examination.

As given in the NMC Notification Dated 01.08.2023 "Competency-Based Assessment Module for Undergraduate Medical Education-2019 " - "Informal assessments should happen during teaching-learning activities with the purpose of finding out the understanding of the student and taking corrective action in teaching-learning methodology on an ongoing basis. During lectures, small groups or seminars, use of techniques like clickers, one-minute papers and muddiest point provide valuable information to check understanding and provide developmental feedback. Same can be done during practical/clinical teaching using one-minute preceptor (OMP) or SNAPPS technique (Summarize history and findings, Narrow the differential; Analyse the differential; Probe preceptor about uncertainties; Plan management; Select case- related issues for self-study). Many of these do not need to be considered for pass/fail decisions but are useful to aid learning and acquire competencies. These can be planned by the teachers on a day-to-day basis and modified depending on the tasks at hand.

This Assessment Record for the Undergraduates is to be maintained by the faculty of the concerned Department and shall be shown to the student during the feedback sessions and at the end of the course period. The Assessment Record should be retained in the Department until the student completes the course.

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## 2. Curriculum Vitae

Name of Student											
Name of Parent/Guardian											
Date of Birth & Age											
Permanent Address											
Address for Postal Communication											
Landline Phone (Home)											
Mobile Phone (Parent/Guardian)											
Mobile Phone (Parent/Guardian)											
Mobile Phone (Student)											
Email ID (Parent/Guardian)											
Email ID (Student)											

Signature of Student

# 1. Consolidated Internal Assessment Marks – Theory and Practicals (Phase II)

Name of the Student:

Course:

Academic year:

Register number:

DEPARTMENT OF MICROBIOLOGY									
Formative Assessment Theory			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				
<b>100</b>	<b>100</b>	<b>200</b>	<b>15</b>	<b>30</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>10</b>	<b>500</b>

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

\*PCT – Part Completion test; \*\*LMS – Learning Management System; \*\*\*Simulated Virtual Learning

\*\*\*\* Record book- Observation note maintained for weekly activities in Practical lab

Professor & Head  
Department of Microbiology

## 3. Continuous Internal Assessment Theory

### 3(A) Home Assignments

Note:

1. The structure for the assignment should include an introduction, main body of the assignment and a conclusion if it is an essay work. Illustrations, flow charts, tables and graphs should be part of the submission, wherever necessary.
2. Plagiarism should be discouraged.

No.	Title of Assignment	Marks
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
Average Marks (out of 15)		

Signature of Facilitator

## 3(B) Continuous Class Test (LMS)

The Assessment Methods may include

End of Lecture Class/Module Assessment (EOCA): 5- 10 MCQ's solved over 5-8minutes/ very short answer etc.,

Competencies (MI)	Topic	Marks
MI 1.1 – 1.11	General Microbiology and Immunity	
MI 2.1 – 2.7	Infections of the Cardiovascular System and Blood	
MI 3.1 – 3.8	Infections of the Gastrointestinal and Hepatobiliary System	
MI 4.1 – 4.3	Musculoskeletal System Skin and Soft Tissue Infections	
MI 5.1 – 5.3	Central Nervous System Infections	
MI 6.1 – 6.3	Respiratory Tract Infections	
MI 7.1 – 7.3	Genitourinary & Sexually Transmitted Infections	
MI 8.1 – 8.16	Zoonotic Diseases and Miscellaneous Topics	

Continuous Class Test (LMS) Average Marks (Out of 30)

Signature of Facilitator

## 3(C) Self- Directed Learning

No.	Activity	Topic	Max marks	Student's score
1	Seminar <ul style="list-style-type: none"> <li>• Content (7 marks)</li> <li>• Recent advances (3 marks)</li> <li>• Presenting skill (5 marks)</li> </ul>		15	
2	Museum study (Posters/ Model/ Chart Making) <ul style="list-style-type: none"> <li>• Application (5 marks)</li> <li>• Creativity (5 marks)</li> <li>• Novelty (5 marks)</li> </ul>		15	
3	Library Assignments (Utilising resources of learning) <ul style="list-style-type: none"> <li>• Reference from standard text books (10 marks)</li> <li>• E-library access (5 marks)</li> </ul>		15	

Signature of Facilitator

## 4. Continuous Internal Assessment- Practicals

### 4(A) Log book – i) Certifiable Skill Based Competencies

The Assessment Methods may include (Through OSPE/Spots/ Exercise/Other)

No.	Competencies		Marks
1	MI 1.2, 6.2	Perform and identify the causative agents of Infectious Diseases - Gram stain	
2	MI 1.2, 6.3	Perform and identify the causative agents of Infectious Diseases: Acid fast staining	
3	MI 1.2	Perform and identify the causative agents of Infectious Diseases: Stool microscopy	
4	MI 8.7	Demonstrate Infection control practices: Hand Hygiene	
5	MI 8.7	Demonstrate Infection control practices: Personal Protective equipments (PPE)	
	Average Marks (out of 60)		

Signature of Facilitator

## 4(A) Log book – ii) AETCOM Competencies

Competencies	Topic	Marks
AETCOM module 2.2A	Describe and discuss the role of non- malfeasance as a guiding principle in patient care	
AETCOM module 2.2B	Describe and discuss the role of autonomy and shared responsibility as a guiding principle in patient care	
AETCOM module 2.2C	Describe and discuss the role of beneficence of a guiding principle inpatient care	
AETCOM module 2.2D	Describe and discuss the role of a physician in health care system	
AETCOM module 2.3	Describe and discuss the role of justice as a guiding principle in patient care	
AETCOM module 2.5	Identify, discuss and defend medicolegal, sociocultural and ethical issues as it pertains to patient autonomy, patient rights and shared responsibility in health care	
MI 8.11	Demonstrate respect for patient samples sent to the laboratory for performance of laboratory tests in the detection of microbial agents	
MI 8.12, 8.14	Discuss and demonstrate confidentiality pertaining to patient identity in laboratory results	
Average Marks (out of 30)		

Signature of Facilitator

## 4(A) Log book –

### iii) Simulated Virtual Learning Lab Activity

Sl No.	Activities	Marks
1.		
2.		
3.		
4.		
Average Marks (out of 40)		

Signature of Facilitator

## 4(A) Log book – iv) Research

No.	Concept Paper Writing / Journal Review/ ICMR - STS Project / Others	Marks
Average Marks (out of 20)		

Signature of Facilitator

## 4(B) Journal

- Record book- Observation note maintained for weekly activities in Practical laboratory sessions
- Portfolio- Collections of student's activities, accomplishments and achievements during the Second Professional year

Marks (Out of 40 marks)	
Record Book / Portfolio	

Signature of Facilitator

## 5. Record of Formative Assessment-Theory & Practical

No.	Theory Assessment	Marks	Practical Assessment	Marks
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

No.	Theory Assessment	Marks	Practical Assessment	Marks
1	PCT – 1	/	PCT – 1 (100 marks)	/
		100		100
2	PCT – 2	/	PCT – 2 (100 marks)	/
		100		100
3	PRELIMS–Paper 1&2	/	PRELIMS (100 marks)	/
		200		100

\*PCT-Part Completion Test

Signature of Facilitator

## 6. Record of Attendance -Theory & Practical

Details	Percentage of attendance	Marks (out of 10 marks)
Theory		
Practicals		

Signature of Facilitator