



# UNDERGRADUATE ASSESSMENT RECORD

## Pharmacology



**The TN Dr.M.G.R Medical University  
Chennai**

**The TN Dr.M.G.R Medical University**

**Chennai**



**Undergraduate Assessment Record  
Department of Pharmacology**

Name of the College :  
Academic year :  
Name of the Student :  
Registration No. :

## **PREFACE**

Competency based medical education implemented in 2019 by the TN Dr. MGR Medical University as per the then MCI norms is an outcome-based learning on a framework of competencies. Assessment drives learning and summative assessment is the domain of the university. Hence the assessment record is reframed according to the new NMC guidelines i.e. Competency Based Medical Education Curriculum (CBME) Guidelines dated 1st August 2023. There is a need for a robust and multifaceted assessment system encompassing all the domains of learning. Longitudinal uniform standardized assessment of all the curriculum components is mandatory to improve the quality of output in creating a responsible Indian Medical Graduate.

Consequently, this assessment record will be instrumental in

- Deciding if the learner has acquired the mandated competencies in each phase
- Monitoring the progress of the learner in the corresponding domains
- Identifying the slow learners and gaps in learning
- Focusing on the domains where special attention is needed

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

As given in the CBME 2023 regulations, continuous class room assessment for all teaching learning activities will be documented in this assessment record. There will be more emphasis on the day-to-day teaching-learning activities which will help to identify slow learners at the earliest and support them through effective Mentor-Mentee programs. The University mandates to conduct 8 Theory Internal Assessments & 4 Practical in each subject.

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.

***CURRICULUM VITAE***

|                                         |  |  |  |  |  |  |  |  |  |  |                                        |
|-----------------------------------------|--|--|--|--|--|--|--|--|--|--|----------------------------------------|
| Name of Student<br>(UPPER CASE<br>ONLY) |  |  |  |  |  |  |  |  |  |  | Affix<br>recent<br>passport size photo |
| Date of<br>Commencement<br>of Phase II  |  |  |  |  |  |  |  |  |  |  |                                        |
| Date of Birth<br>& Age                  |  |  |  |  |  |  |  |  |  |  |                                        |
| Name of<br>Parent/Guardian              |  |  |  |  |  |  |  |  |  |  |                                        |
| Permanent<br>Address                    |  |  |  |  |  |  |  |  |  |  |                                        |
| Address for<br>Postal<br>Communication  |  |  |  |  |  |  |  |  |  |  |                                        |
| Aadhar number<br>(Attach copy)          |  |  |  |  |  |  |  |  |  |  |                                        |
| Landline Phone<br>(Home)                |  |  |  |  |  |  |  |  |  |  |                                        |
| Mobile Phone<br>(Parent/Guardian)       |  |  |  |  |  |  |  |  |  |  |                                        |
| Mobile Phone<br>(Parent/Guardian)       |  |  |  |  |  |  |  |  |  |  |                                        |
| Mobile Phone<br>(Student)               |  |  |  |  |  |  |  |  |  |  |                                        |
| Email ID<br>(Parent/Guardian)           |  |  |  |  |  |  |  |  |  |  |                                        |
| Email ID<br>(Student)                   |  |  |  |  |  |  |  |  |  |  |                                        |

Signature of Student

**Table No. 5 -Distribution of Subject Wise Teaching Hours for II MBBS**

| <b>Subjects</b>                            | <b>LGT</b> | <b>SGT</b> | <b>Clinical postings*</b> | <b>SDL</b> | <b>Total</b> |
|--------------------------------------------|------------|------------|---------------------------|------------|--------------|
| Pathology                                  | 80         | 170        | -                         | 10         | 260          |
| Pharmacology                               | 80         | 170        | -                         | 10         | 260          |
| Microbiology                               | 75         | 143        | -                         | 10         | 228          |
| Community medicine including FAP**         | 25         | 0          | 24                        | 10         | 59           |
| Forensic Medicine & Toxicology             | 12         | 25         | -                         | 08         | 45           |
| Clinical subjects                          | 60         | -          | 540                       | -          | 600          |
| AETCOM                                     | -          | 29         | -                         | 8          | 37           |
| Sports Yoga & Extra- curricular Activities | -          | -          | -                         | 32         | 32           |
| <b>Final total</b>                         | <b>332</b> | <b>537</b> | <b>564</b>                | <b>88</b>  | <b>1521</b>  |

*Ref: 1. UGMEB No.D-11011/500/2024-AC(E.8284443) dated 12/09/2024 Pg.no. 54.*

*\*\* 2. UGMEB No.D-11011/500/2024-AC(E.8284443) dated 12/09/2024 Pg.no.54*

*\*3. UGMEB No.D-11011/500/2024-AC(E.8284443) dated 12/09/2024 Pg.no.57.Annexure no.6*

*Note : \*Clinical postings shall be for 3 hours per day, Monday to Friday.*

*There will be 15 hours per week for all clinical postings.*

### I.Consolidated Internal Assessment Marks Theory

|                                                                                                                                                           |                                    |                                        |                                   |                                        |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------|-----------------------------------|----------------------------------------|--------------------|
| <b>Name of Faculty /Facilitator:</b><br><br><b>Name of the Student:</b><br><br><b>Roll.No</b> <span style="float: right;"><b>University Reg.No</b></span> |                                    |                                        |                                   |                                        |                    |
| <b>Mark Details</b>                                                                                                                                       | <b>Formative Assessment Theory</b> | <b>LMS- Learning Management System</b> | <b>Library /Museum Assignment</b> | <b>Self Directed Learning /Seminar</b> | <b>Total Marks</b> |
| <b>Maximum marks</b>                                                                                                                                      | <b>70</b>                          | <b>10</b>                              | <b>10</b>                         | <b>10</b>                              | <b>100</b>         |
| <b>Students' Score</b>                                                                                                                                    |                                    |                                        |                                   |                                        |                    |

### II. Consolidated Internal Assessment Marks- Practical

|                        |                                       |                                                                      |                            |                         |                    |
|------------------------|---------------------------------------|----------------------------------------------------------------------|----------------------------|-------------------------|--------------------|
| <b>Mark details</b>    | <b>Formative Assessment Practical</b> | <b>Continuous Assessment of Certifiable skill Based Competencies</b> | <b>AETCOM Competencies</b> | <b>Log Book /Record</b> | <b>Total Marks</b> |
| <b>Maximum marks</b>   | <b>70</b>                             | <b>10</b>                                                            | <b>10</b>                  | <b>10</b>               | <b>100</b>         |
| <b>Students' Score</b> |                                       |                                                                      |                            |                         |                    |

Ref: UGMEB No.D-11011/500/2024-AC (E.8284443) dated 12/09/2024 Page.no. 42

Signature of Professor& HOD  
Department of Pharmacology

NOTE:

- There shall be a minimum of 75% attendance in theory and 80% in practical /clinical for eligibility to appear for the examinations in that subject. (*Ref: UGMEB No.D-11011/500/2024-AC (E.8284443) dated 12/09/2024 Page.no. 39*)
- Internal assessment marks in absolute marks should be displayed under a separate column in a detailed Markscard (*Ref: UGMEB No.D-11011/500/2024-AC (E.8284443) dated 12/09/2024 Page.no. 40*)
- Learners must secure at least 50% of the total marks (combined in theory and practical; not less than 40% marks in theory and practical separately) for internal assessment in a particular subject to be eligible for appearing at the final University examination of that subject. (*Ref UGMEB No.D-11011/500/2024-AC (E.8284443) dated 12/09/2024 Page.no. 42*)
- The results of internal assessment should be intimated at least once in months and as and when the student wants to (No.U.14021/8/2023-UGMEB Dated 1<sup>st</sup> August 2023, Pg.No.55, 56)
- As per 59th, 60th and 61st Standing Academic Board (SAB) resolutions, the university mandates eight internal assessments per subject.

**FORMATIVE ASSESSMENT-THEORY (70 Marks)**

| <b>Internal Assessment<br/>Theory</b>                                        | <b>Max Marks<br/>(80 Theory<br/>+<br/>20 MCQ)</b> | <b>Marks scored</b> |
|------------------------------------------------------------------------------|---------------------------------------------------|---------------------|
| GP                                                                           | 100                                               |                     |
| AUTACOIDS & ANS                                                              | 100                                               |                     |
| <b>1<sup>ST</sup> PCT</b><br>(GP, ANS, PNS, Autacoids)                       | 100                                               |                     |
| CVS, BLOOD, DIURETICS                                                        | 100                                               |                     |
| CNS                                                                          | 100                                               |                     |
| CHEMO-1                                                                      | 100                                               |                     |
| <b>2<sup>ND</sup> PCT</b><br>CVS, Blood, Diuretics, CNS,<br>Chemotherapy-1&2 | 100                                               |                     |
| ENDOCRINE                                                                    | 100                                               |                     |
| RS,GIT, Miscellaneous                                                        | 100                                               |                     |
| <b>Model Paper I&amp;II</b>                                                  | <b>100</b>                                        |                     |
| TOTAL (minimum of 8 IA<br>Mandatory)                                         | <b>1000</b>                                       |                     |
| Average<br>(calculate for 70 Marks)                                          | <b>70</b>                                         |                     |

Signature of Facilitator

## CONTINUOUS CLASS TEST -THEORY (10 Marks)

### (LEARNING MANAGEMNET SYSTEM)

The Assessment Methods may include

- End of Lecture Class/Module Assessment:
- 5-15 MCQ's solved over 5-10 minutes  
(OR) very short answer etc.
- Average of assessment at the end of each teaching session

| S.No                    | Topic                                     | Individual<br>LMS Test<br>Marks Range<br>(5 to 15) | Calculate to<br>(10 Marks) |
|-------------------------|-------------------------------------------|----------------------------------------------------|----------------------------|
| 1.                      | GP (minimum10 Marks)                      |                                                    |                            |
| 2.                      | ANS (minimum10 Marks)                     |                                                    |                            |
| 3.                      | PNS (minimum 5 Marks)                     |                                                    |                            |
| 4.                      | CNS (minimum 15 Marks)                    |                                                    |                            |
| 5.                      | CVS,BLOOD,DIURETICS<br>(minimum 15 Marks) |                                                    |                            |
| 6.                      | RS,GIT (minimum 10 Marks)                 |                                                    |                            |
| 7.                      | AUTACOIDS(minimum 5 Marks)                |                                                    |                            |
| 8.                      | ENDOCRINE(minimum 10 Marks)               |                                                    |                            |
| 9.                      | CHEMOTHERAPY-I (minimum 10 Marks)         |                                                    |                            |
| 10.                     | CHEMOTHERAPY-II (minimum 10Marks)         |                                                    |                            |
| TOTAL (100 Marks)       |                                           |                                                    |                            |
| Calculated Marks for 10 |                                           |                                                    |                            |

Signature of Facilitator

**SELF DIRECTED LEARNING-THEORY (20 Marks)**

| No | ACTIVITY PRESENTED (OR) DISCUSSED                                                                                                                                                                                                                                                       | Max Marks<br>(10 in each section) | Students' Score |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------|
| 1  | <p align="center"><b>SDL SEMINAR</b></p> <ul style="list-style-type: none"> <li>• Content (5 Marks)</li> <li>• Recent advances (2)</li> <li>• Presenting skill (3)</li> </ul>                                                                                                           | 10                                |                 |
| 2  | <p align="center"><b>SDL MUSEUM &amp;/ LIBRARY ASSIGNMENTS</b></p> <p>Utilizing Resources of learning</p> <ul style="list-style-type: none"> <li>• Treatment Protocol - Reference from standard Text Books (10Marks)</li> <li>• E- library access- FDA approved new drug (5)</li> </ul> | 10                                |                 |

Signature of Facilitator

## II. FORMATIVE ASSESSMENT-PRACTICAL (70 Marks)

| <b>Practical Assessment</b>   | <b>Max Marks</b> | <b>Marks Scored</b> |
|-------------------------------|------------------|---------------------|
| <b>PCT-1</b>                  | <b>100</b>       |                     |
| <b>PCT-2</b>                  | <b>100</b>       |                     |
| <b>Model /Prelims</b>         | <b>100</b>       |                     |
| <b>TOTAL</b>                  | <b>300</b>       |                     |
| <b>Calculate for 70 Marks</b> | <b>70</b>        |                     |

Signature of Facilitator

**CONTINUOUS INTERNAL ASSESSMENT PRACTICAL (10 Marks)**

| <b>Certifiable skills Competencies</b> |                                                                                                            |                                |                   |              |
|----------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|--------------|
| <b>Competency No</b>                   | <b>Topic</b>                                                                                               | <b>No. Required to Certify</b> | <b>Max. Marks</b> | <b>Score</b> |
| PH 1.4                                 | Special drug delivery system                                                                               | 1                              | 5                 |              |
| PH 1.5                                 | Various Routes of Drug Administration                                                                      | 2                              | 10                |              |
| PH 1.12                                | ADR Reporting                                                                                              | 2                              | 10                |              |
| PH 10.6                                | Prescription Audit                                                                                         | 1                              | 5                 |              |
| PH 1.13                                | Problem Solving Exercise                                                                                   | 1                              | 5                 |              |
| PH 10.1                                | Compare and contrast different sources to get latest update of drug information                            | 2                              | 10                |              |
| PH 10.2 & PH.10.13                     | Drug Promotional Literature & interaction with Pharmaceutical Representative                               | 3                              | 15                |              |
| PH 10.3                                | P-Drug                                                                                                     | 2                              | 10                |              |
| PH 10.4 & PH 10.5                      | Prescription Writing (General & controlled drugs)                                                          | 5                              | 15                |              |
| PH.10.9                                | Dosage Calculation                                                                                         | 1                              | 5                 |              |
| PH.10.15                               | Motivate patients with chronic diseases to adhere to the prescribed management by the health care provider | 2                              | 10                |              |
| <b>TOTAL</b>                           |                                                                                                            |                                | <b>100</b>        |              |
| <b>Calculate for 10 Marks</b>          |                                                                                                            |                                | <b>10</b>         |              |

Signature of Facilitator

**LOG BOOK , Research & Journal ( 10 marks)**

| <b>Log Book, Research ,Journal -PRACTICAL</b> |                                                                                                                                |                     |              |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|
| <b>S.No.</b>                                  | <b>Assessment Criteria*</b>                                                                                                    | <b>Max 10 Marks</b> | <b>SCORE</b> |
| <b>1</b>                                      | Record /Log Book Maintenance & regularity                                                                                      | 5                   |              |
| <b>2</b>                                      | Research: Participate in Sensitization CME in research ethics<br>Journal : Presenting Case series /Case report in SGD          | +2                  |              |
| <b>3</b>                                      | Research: Completed ICMR-STs project in Pharmacology<br>Journal : Publication /presentation of Paper or Poster in Pharmacology | +3                  |              |
| <b>TOTAL</b>                                  |                                                                                                                                | 10                  |              |

**# Justification for Assessment Criteria:** By giving difference in credit for every level of their effort students are motivated to get involved and show interest in research.

**\*Assessment Criteria**

- A student who satisfies in all above 3 criteria does ICMR -STS , attends CME, writes a Concept Paper, Record /Log Book Maintenance & regularly will be credited full **10 marks**.
- A student who Participate in Sensitization CME in research ethics/ Presenting Case series /Case report in SGD will be credited **7 Marks**.
- A student who satisfies Record /Log Book Maintenance & regularity, **but not** attended CME in research methodology/biostatistics/Good Clinical Practice & **not written** Concept Paper/**not done** ICMR -STS will be credited **5 Marks**

Signature of Facilitator

**ATTENDANCE RECORD**  
**THEORY & PRACTICAL**

| Details   | Minimum % required | % of student |
|-----------|--------------------|--------------|
| Theory    | 75                 |              |
| Practical | 80                 |              |

Signature of Facilitator

Signature with date & Seal of Head of the Department