



Undergraduate Academic Record

Paediatrics



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

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



Under Graduate Academic Record

Department of Paediatrics

Preface

The new Graduate Medical Education Regulations attempts to stand on the shoulder of the contributions and the efforts of resource persons, teachers and students (past and present). It intends to carry forward the process of learning to enable the Indian Medical Graduate, a consummate provider of healthcare aligned to the evolving needs of the patients in every socio- economic setting. The thrust in the new regulations is the continuation and evolution of thought in medical education making it more learner- centric, patient-centric, gender sensitive, outcome-oriented and environment appropriate. The result is an outcome driven curriculum which conforms to global trends. Emphasis is made on alignment and integration of subjects both horizontally and vertically while respecting the strengths and necessity of subject-based instruction and assessment.

The importance of ethical values, responsiveness to the needs of the patient and acquisition of communication skills is underscored by providing dedicated curriculum time in the form of a longitudinal program based on Attitude, Ethics and Communication (AETCOM) competencies. Great emphasis has been placed on collaborative and inter-disciplinary teamwork, professionalism, altruism and respecting professional relationships with due sensitivity to differences in thought, social and economic position and gender.

In addition to the above, an attempt has been made to allow students from diverse educational streams and backgrounds to transition appropriately through a Foundation Course. Dedicated time has been allotted for self-directed learning and co-curricular activities. With this view in mind the logbook has been designed as per the guidelines of competency based curriculum.

This Academic Record/log book for Undergraduate Medical Students is to be maintained by the student and is part of the learner's personal progress assessment tool kit. The learner shall present the Academic Record to the staff facilitator/ mentor at the end of all classroom learning/ practical sessions/ integrated learning sessions/SDL /AETCOM sessions and feedback sessions as called for by the faculty facilitators/mentors. The progress shall be recorded in the various segments of the record and signed by the facilitator/mentor.

Certificate

This is to certify that

Mr/Ms. _____

University Registration No _____ has satisfactorily
Attended and completed all academic activities as
assigned in this logbook as per the
Guidelines prescribed under the TamilNadu
Dr.M.G.R.Medical University in subject of Paediatrics.

Head of Department

Date:

Place:

Table of Contents

No	Content	Page
1	Background of the Course	6
2	Curriculum Vitae	7
3	Second Professional MBBS	9
4	Third Professional MBBS Part I	35
5	Third Professional MBBS Part II	53

1. Background of the Course

(a) Competencies:

The student must demonstrate:

1. Ability to assess and promote optimal growth, development and nutrition of children and adolescents and identify deviations from normal,
2. Ability to recognize and provide emergency and routine ambulatory and First Level Referral Unit care for neonates, infants, children and adolescents and refer as may be appropriate,
3. Ability to perform procedures as indicated for children of all ages in the primary care setting,
4. Ability to recognize children with special needs and refer appropriately,
5. Ability to promote health and prevent diseases in children,
6. Ability to participate in National Programmes related to child health and in conformation with the Integrated Management of Neonatal and Childhood Illnesses (IMNCI) Strategy,
7. Ability to communicate appropriately and effectively.

(b) Integration: The teaching should be aligned and integrated horizontally and vertically in order to provide comprehensive care for neonates, infants, children and adolescents based on a sound knowledge of growth, development, disease and their clinical, social, emotional, psychological correlates in the context of national health priorities.

2. Curriculum Vitae

1. Name of the Student	
2. Date of Birth	
3. Permanent Address	
4. Contact Details	
i. Residential Address	
ii. Mobile No	
iii. LandLine No	
iv. Email ID	
5. Name of Parent/Guardian	
6. Residential Address	
7. LandLine No(Home)	
8. Mobile No Parents /Guardian	

--

Signature

SECOND PROFESSIONAL MBBS

Second Professional MBBS

No	Content	Page
1	Clinical Postings	11
2	Clinical Training/ Learner Doctor Method	12
3	Assignment Response Record	33
4	Record of Integrated Session	34

1. Clinical Postings

Postings	Duration in weeks	Date of posting From	To	Unit:
Paediatrics	4 weeks			

2.Clinical Training/Learner Doctor Method

Goal:

To provide learners with experience in:

- (a) Longitudinal patient care,
- (b) Being part of the health care team,
- (c) Hands-on care of patients in outpatient and inpatient setting.
- Be assigned patients admitted during each admission day for whom he/she will undertake responsibility, under the supervision of a senior resident or faculty member.
- Participate in the unit rounds on its admission day and will present the assigned patients to the supervising physician.
- Follow the patient's progress through out the hospital stay until discharge.
- Discuss ethical and other humanitarian issues during unit rounds.
- Focus on History taking, physical examination, assessment of change in clinical status, communication and patient education.

No	Assessment/Task	Date of Completion	Initials of Facilitator
1	Normal growth- anthropometric assessment		
2	Developmental history and assessment		
3	Nutrition history taking – breastfeeding and complementary feeding		
4	Assessment of vital signs		
5	History taking and examination of Respiratory system		
6	History taking and examination of Cardiovascular system		
7	History taking and examination of Renal system		
8	History taking and examination of gastrointestinal system		
9	History taking and examination of Central nervous system		
10	National Immunization schedule		

CASERECORD:1

Date

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:1

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:2

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:2

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:3

Examination :

Diagnosis

Summary of Discussion:

CASERECORD: 4

Date

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:4

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:5

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:5

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:6

Date	Time	Initial of Facilitator
------	------	------------------------

Objective of Session	
-----------------------------	--

Synopsis of Learning

Examination :

CASERECORD:6

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:7

Date

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:7

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:8

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:8

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:9		
Date	Time	Initial of Facilitator
Objective of Session		
Synopsis of Learning		
Clinical History:		
Examination :		

CASERECORD:9

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:10

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:10

Examination :

Diagnosis

Summary of Discussion:

3. Assignment Response Record

Note

1. This section includes academic milestones attained through assignments /out of class academic work.
2. The learner shall be given an assignment based on the “Nice to know” areas of the curriculum and any other such topics as deemed necessary.
3. The learner shall submit the assignment in the offline/online module as deemed by the individual institutions, which shall be assessed and graded by the faculty facilitator.
4. The completion of such activity shall be recorded in this section by the learner and signed by the facilitator.

No	Title of Assignment	Date of Submission	Initials of Facilitator
1	Key Developmental milestones		
2	National immunization schedule		

4. Record of Integrated Session

Note

1. This section includes academic mile stones attained through horizontal and vertical integrated sessions.
2. The learner shall be attend all such integrated sessions and observe, interact and understand the topic.
3. The learner shall submit the end of session assessment (eq: MCQ session of 15-20MCQ questions)
4. The completion of such activity shall be recorded in this section by the learner and signed by the facilitator.
- 5.

No	Topic of the Integrated Session	Date of Session	Initials of Facilitator
1			
2			
3			
4			
5			

Third professional MBBS Part I

Third Professional MBBS Part I

No	Content	Page
1	Clinical Postings	37
2	Clinical Training / Learner Doctor Method	38
3	Assignment Response Record	50
4	Self-Directed Learning	51

Clinical Postings

Postings	Duration in weeks	Date of posting From	To	Unit:
Paediatrics	2 weeks			

1. Clinical Training/ Learner Doctor Method

Goal: To provide learners with experience in:

- (a) Longitudinal patient care,
 - (b) Being part of the health care team,
 - (c) Hands-on care of patients in out patient and in patient setting.
- Be assigned patients admitted during each admission day for whom he/she will undertake responsibility, under the supervision of a senior resident or faculty member.
 - Participate in the unit rounds on its admission day and will present the assigned patients to the supervising physician.
 - Follow the patient's progress through out the hospital stay until discharge.
 - Discuss ethical and other humanitarian issues during unit rounds.
 - Focus on History taking, physical examination, assessment of change in clinical status, communication, patient education, choice of investigations, basic procedures and continuity of care

No	Clinical Training	Date of Completion	Initials of Facilitator
1	Short stature case		
2	Severe acute malnutrition		
3	IMNCI – Pnuemonia		
4	IMNCI – Acute diarrhoeal disease		
5	Examination of normal newborn		

CASE RECORD:1

Date	Time	Initial of Facilitator
------	------	------------------------

Objective of Session	
-----------------------------	--

Synopsis of Learning

Examination :

CASE RECORD:1

Examination :

Diagnosis

Summary of Discussion:

CASE RECORD:2

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASE RECORD:2

Examination :

Diagnosis

Summary of Discussion:

CASE RECORD:3

Examination :

Diagnosis

Summary of Discussion:

CASE RECORD: 4

Date

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASE RECORD:4

Examination :

Diagnosis

Summary of Discussion:

CASE RECORD:5

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASE RECORD:5

Examination :

Diagnosis

Summary of Discussion:

3. Assignment Response Record

Note

1. This section includes academic milestones attained through assignments /out of class academic work.
2. The learner shall be given an assignment based on the “Nice to know” areas of the curriculum and any other such topics as deemed necessary.
3. The learner shall submit the assignment in the offline/online module as deemed by the individual institutions, which shall be assessed and graded by the faculty facilitator.
4. The completion of such activity shall be recorded in this section by the learner and signed by the facilitator.

No	Title of Assignment	Date of Submission	Initials of Facilitator
1	Nutritional value of common foods		
2	Rickets		

4. Self-Directed Learning

SDL helps in empowering the student to perform an objective self-assessment of knowledge and skills, continue learning, refine existing skills and acquire new skills, to apply newly gained knowledge or skills to the care of the patient, to introspect and utilize experiences, to enhance personal and professional growth and learning, to search (including through electronic means), and critically evaluate the medical literature and apply the information in the care of the patient and to identify and select an appropriate career pathway that is professionally rewarding and personally fulfilling.

Note:

1. This section includes academic milestones attained through self-directed learning. The learner shall be assigned a specific learning objective for each session.
2. The learner shall be given an assignment based on the “Desirable to know” areas of the curriculum and any other such topics as deemed necessary.
3. They shall record a detailed synopsis of the learning in this section. The student shall also record a list of the books/ journals referred in Vancouver format.
4. The completion of such activity shall be recorded in this section by the learner and signed by the facilitator.

SDL Session 1:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 2:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

THIRD PROFESSIONAL MBBS PART II

Third Professional MBBS Part II

No	Content	Page
1	Clinical Postings	56
2	Clinical Training/ Practical Record	57
3	Assignment Response Record	82
4	Self-Directed Learning	83
5	AETCOM Learning	94
6	Record of Projects	97
7	Photo Story	99
8	Co-Curricular Achievements	100

1.Clinical Postings

Postings	Duration in weeks	Date of posting From	To	Unit:
Paediatrics	6 weeks			

2. Clinical Training /Learner doctor method

Goal: To provide learners with experience in:

- (a) Longitudinal patient care,
 - (b) Being part of the health care team,
 - (c) Hands-on care of patients in out patient and in patient setting.
- Be assigned patients admitted during each admission day for whom he/she will undertake responsibility, under the supervision of a senior resident or faculty member.
 - Participate in the unit rounds on its admission day and will present the assigned patients to the supervising physician.
 - Follow the patient's progress throughout the hospital stay until discharge.
 - Discuss ethical and other humanitarian issues during unit rounds.
 - Focus on History taking, physical examination, assessment of change in clinical status , communication, patient education, choice of investigations, basic procedures, continuity of care, decision making, management and outcomes.

No	Clinical Training	Date of Completion	Initials of Facilitator
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

CASERECORD:1

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:1

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:2

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:2

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:3		
Date	Time	Initial of Facilitator
Objective of Session		
Synopsis of Learning		
Clinical History:		
Examination :		

CASERECORD:3

Examination :

Diagnosis

Summary of Discussion:

CASERECORD: 4		
Date	Time	Initial of Facilitator
Objective of Session		
Synopsis of Learning		
Clinical History:		
Examination :		

CASERECORD:4

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:5		
Date	Time	Initial of Facilitator
Objective of Session		
Synopsis of Learning		
Clinical History:		
Examination :		

CASERECORD:5

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:6

Date	Time	Initial of Facilitator
------	------	------------------------

Objective of Session	
-----------------------------	--

Synopsis of Learning

Examination :

CASERECORD:6

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:7		
Date	Time	Initial of Facilitator
Objective of Session		
Synopsis of Learning		
Clinical History:		
Examination :		

CASERECORD:7

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:8

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:8

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:9

Date		Time	Initial of Facilitator
Objective of Session			
Synopsis of Learning			
Clinical History:			
Examination :			

CASERECORD:9

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:10

Date _____

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:10

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:11

Date

Time

Initial of Facilitator

Objective of Session

Synopsis of Learning

Clinical History:

Examination :

CASERECORD:11

Examination :

Diagnosis

Summary of Discussion:

CASERECORD:12		
Date	Time	Initial of Facilitator
Objective of Session		
Synopsis of Learning		
Clinical History:		
Examination :		

CASERECORD:12

Examination :

Diagnosis

Summary of Discussion:

3. Assignment Response Record

Note

1. This section includes academic milestones attained through assignments /out of class academic work.
2. The learner shall be given an assignment based on the “Nice to know” areas of the curriculum and any other such topics as deemed necessary.
3. The learner shall submit the assignment in the offline/online module as deemed by the individual institutions, which shall be assessed and graded by the faculty facilitator.
4. The completion of such activity shall be recorded in this section by the learner and signed by the facilitator.

No	Title of Assignment	Date of Submission	Initials of Facilitator
1	Tanners staging		
2	Neonatal resuscitation program		
3	Classification of asthma		
4	Hypothyroidism		
5	Approach to anaemia		
6	Dengue WHO protocol		

4. Self-Directed Learning

SDL helps in empowering the student to perform an objective self-assessment of knowledge and skills, continue learning, refine existing skills and acquire new skills, to apply newly gained knowledge or skills to the care of the patient, to introspect and utilize experiences, to enhance personal and professional growth and learning, to search (including through electronic means), and critically evaluate the medical literature and apply the information in the care of the patient and to identify and select an appropriate career pathway that is professionally rewarding and personally fulfilling.

Note:

1. This section includes academic milestones attained through self-directed learning. The learner shall be assigned a specific learning objective for each session.
2. The learner shall be given an assignment based on the “Desirable to know” areas of the curriculum and any other such topics as deemed necessary.
3. They shall record a detailed synopsis of the learning in this section. The student shall also record a list of the books/ journals referred in Vancouver format.

The completion of such activity shall be recorded in this section by the learner and signed by the facilitator.

SDL Session 1:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 2:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 3:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 4:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 5:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 6:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 7:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 8:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 9:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

SDL Session 10:		
Date	Time	Initial of Facilitator
Topic of SDL		
Synopsis of the Study		
Bibliography		

6. Attitudes, Ethics & Communication

The “Indian Medical Graduate”(IMG) shall possess requisite knowledge, skills, attitudes, values and responsiveness, so that he or she may function appropriately and effectively *as a Physician of first contact of the community* while being globally relevant. In order to fulfill this goal, the IMG must be able to function in the following ROLES appropriately and effectively:

1. Clinician who understands and provides preventive, promotive, curative, palliative and holistic care with compassion.
2. Leader and member of the health care team and system with capabilities to collect, analyse, synthesize and communicate health data appropriately.
3. Communicator with patients, families, colleagues and community.
4. Lifelong learner committed to continuous improvement of skills and knowledge.
5. Professional, who is committed to excellence, is ethical, responsive and accountable to patients, community and profession.

Note:

1. This section includes academic milestones attained through AETCOM learning. The learner shall be assigned a specific learning objective for each session.
2. The learner shall be given an assignment based on the AETCOM topics of the curriculum.
3. They shall record a detailed synopsis of the skill learnt in this section. The student shall also record a reflection of the learning and learning process.
4. The completion of such activity shall be recorded in this section by the learner and signed by the facilitator.

AETCOM Session 01:		
Date	Time	Initial of Facilitator
Topic of AETCOM		
Synopsis of the Skill Learnt		
Reflections		

AETCOM Session 02:		
Date	Time	Initial of Facilitator
Topic of AETCOM		
Synopsis of the Skill Learnt		
Reflections		

7. Record of Project(s)

Note:

1. The learner may undertake a scholastic project of 1-2months in the form of a clinical project or community project or research project.
2. These are based on the preferences of individual institutes.
3. The projects are voluntary activity and not included for internal assessment.

Type of Project	Clinical Project	☐
	Community Project	☐
	Research Project	☐
Title of Project		
Synopsis of the Work		

Signature of Facilitator	

9.Photo Story

Note:

1. This section shall include the important moments of the process of development which shall be documented for the student and the department.
2. These may be eg: prizes won, competitions attended, department activities, etc.
3. These are based on the preferences of individual institutes.
4. The projects are voluntary activity and not included for internal assessment.

10.Co-Curricular Achievements

Note:

1. This section shall include the important co-curricular activities in which the student is involved during the academic year which shall be documented for the student and the department.
2. These may be eg: prizes won, competitions attended, etc.
3. These are based on the preferences of individual institutes.
4. The projects are voluntary activity and not included for internal assessment.