UNDERGRADUATE (MBBS)

ACADEMIC RECORD/LOG BOOK

Community Medicine

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

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

Under Graduate (MBBS)
Academic Record/Log book
Department of Community Medicine

PREFACE

The goal of the Graduate Medical Education Regulation (GMER) is to sculpt every medical student into a responsible Indian Medical Graduate who can cater to the needs of the society. The thrust in the new regulations is to make medical education more learner-centric, patient-centric, gender-sensitive, outcome-oriented and environment appropriate.

Communication and interpersonal skills are imperative in providing quality medical care. Our curriculum achieves this by providing dedicated curriculum time in the form of a longitudinal program based on Attitude, Ethics and Communication (AETCOM) competencies. Foundation Course is to orient medical learners to MBBS programme, and provide them with requisite knowledge, communication, technical and language skills.

Electives allow students to get exposed to diverse environment, get a glimpse of future career, to revisit basic sciences of their own interest and indulge in research activities. Family adoption program aims to provide experimental learning opportunity to Indian Medical Graduates in community-based health care.

Skill laboratories have been incorporated into the curriculum for the learners to get an opportunity to learn clinical and communication skills while eliminating the fear of harming patients. The Learner-doctor method of clinical training (Clinical Clerkship) is to provide learners with experience in longitudinal patient care, by being part of the health care team providing hands-on care for patients.

This academic record / log book should be maintained as a document to record day-to-day academic activities, assessments, grading of assessments and its feedback. Periodic recording of all academic activities should be done by the student and has to be submitted to the faculty in- charge during feedback sessions. This document will incorporate in it all components that are being assessed for the final internal assessment and should be submitted to the concerned department and the examiners. Internal assessment marks will be given after evaluating this document. For subjects spanning across different phases this academic record has to be maintained for that particular subject and has to be evaluated at the end of posting in each phase.

CERTIFICATE

This is to certify that the candidate Mr./Ms……. Reg No. ……, admitted in the year ……. in the ……. …….. (Medical College) has satisfactorily completed / has not completed all assignments / requirements mentioned in this logbook for first year MBBS course in the subject of Community Medicine during the period from ..... to ……. She / He is eligible / not eligible to appear for the summative (University) assessment as on the date given below.

Signature of Faculty

Name and Designation

Countersigned by Head of the Department

Place:

Date:

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I. CURRICULUM VITAE

Name of the Student											
Date Of Commencement of Phase 1											
Name Of Parent/Guardian											
Date Of Birth & Age											
Permanent Address											
Address For Postal Communication											
Mobile Phone (Parent/Guardian)											
Mobile Phone (Parent/Guardian)											
Mobile Phone (Student)											
Email Id (Parent/Guardian)											
Email Id (Student)											

Paste Recent

Passport Size Photo

Signature of Student

II.DISTRIBUTION OF SUBJECT WISE TEACHING HOURS

Phase	Large group teaching	SGT/Practical/ Tutorial/Seminars	SDL	Total
Phase 1	20	20	-	40
Phase 1 FAP	-	24	-	24
Phase 2 (Including FAP)	25	24	10	59
Phase 3 Part 1	50	80	20	150
Phase 3 Part 1 FAP	-	26	10	36

III.DISTRIBUTION OF INTERNAL ASSESSMENT MARKS -THEORY AND PRACTICAL

Phases	Marks	Formative Assessment - Theory			Continuous Internal Assessment - Theory						
		1st PCT* Theory	2nd PCT* Theory	Prelims Theory (Paper I & II)	Home Assignment	Seminar	Continuous class Test (LMS)*	Museum study	Library Assignments	Total	Percentage Theory (Minimum Cutoff 50%)
					Theory			Self-Directed Learning			
Phase 1	Allotted									25	25%
	Obtained										
Phase 2	Allotted									25	25%
	Obtained										
Phase 3 - Part 1	Allotted									50	50%
	Obtained										
Total	Allotted	20	20	20	40					100	100%
	Obtained										

		Formative Assessment-Practical			Continuous Internal Assessment (Practical)						
Phases	Marks	1st PCT Practical/ Ward Learning Examination	2nd PCT Practical/ Ward Learning Examination	Prelims Practical	Certifiable skill Based Competencies	Family Adoption Programme competencies	AETCOM Competencies	Log Book Completedness	Research Protocol Report	Total	Percentage Practical (Minimum Cutoff 40%)
Phase 1	Allotted									25	25%
	Obtained										
Phase 2	Allotted									25	25%
	Obtained										
Phase 3-Part 1	Allotted									50	50%
	Obtained										
Total	Allotted	15	15	15	15	15	5	15	5	100	100%
	Obtained										

PCT – Part Completion test; **LMS – Learning Management System

IV. Professional Year 1

No.	Content	Page
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2.	Formative Feedback Session - Theory assessment	13
3.	Continuous Class Test (LMS)-Theory	14
4.	Continuous Class Test (LMS)-SDL	15
5.	Attendance	16

FORMATIVE ASSESSMENT - THEORY

Date	Assessment	Topic	Marks
	PCT - 1		

Signature of Facilitator

Formative Feedback Session - Theory assessment	Marks:
Topic:	Date:
Reflection by the Student	
Feed Back and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Signature of Facilitator

Continuous Internal Assessment – Home Assignment

No.	Topic	Date	Marks
1			
2			
3			
4			
5			

Signature of Facilitator

3.Continuous Internal Assessment - Seminar

No.	Topic	Date	Marks
1			
2			
3			
4			
5			

Signature of Facilitator

Continuous Internal Assessment - Continuous class Test (LMS)

No.	Topic	Date	Marks
1			
2			
3			
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20			

Signature of Facilitator

ATTENDANCE

Consolidated Attendance	**Percentage**
Theory	
Family Adoption Programme	

Signature of Facilitator

V. Professional Year 2

No.	Content	Page
1.	Formative Assessment – Theory	20
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8.	Attendance	38

FORMATIVE ASSESSMENT - THEORY

Date	Assessment	Topic	Marks
	PCT - 2		

Signature of Facilitator

Formative Feedback Session – Theory assessment

Formative Feedback Session – Theory assessment	**Marks:**
Topic:	**Date:**
Reflection by the Student	
Feed Back and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Signature of Facilitator

Continuous Internal Assessment - Continuous class Test (LMS)

No.	Topic	Date	Marks
1			
2			
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Signature of Facilitator

SELF DIRECTED LEARNING

Note:

1. This section includes academic mile stones attained through self-directed learning. The learner shall be assigned a specific learning objective for each session. (Library assignments, seminar, museum study etc.,)
2. The learner shall be given an assignment based on core and non-core topics 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.

Date	Topic

Signature of Facilitator

SDL session:	Date:
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

FORMATIVE ASSESSMENT- PRACTICAL

Date	Assessment	Topic	Marks
	PCT– I (practical)		

Signature of Facilitator

Formative Feedback Session- Practical Assessment

Formative Feedback Session -Practical assessment	**Marks:**
Topic:	**Date:**
Reflection by the Student	
Feed Back and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Signature of Facilitator

Practical Record

No.	Scheduled Clinical Training	Date
1		
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No.	Scheduled Clinical Training	Date
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24		

Signature of Facilitator

ATTENDANCE

Consolidated Attendance	**Percentage**
Theory	
Practical	
Family Adoption Programme	

Signature of Facilitator

VI. Professional Year 3 Part 1

No.	Content	Page
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FORMATIVE ASSESSMENT - THEORY

Date	Assessment	Topic	Marks obtained
	IA-1		
	IA-2		
	IA-3		
	PCT - 1		**/100**
	IA-4		
	IA-5		
	IA-6		
	PCT - 2		**/100**
	Prelims/ Models	**Paper I**	**/100**
		Paper II	**/100**
		Total	**/200**

Signature of Facilitator

Formative Feedback Session - Theory assessment	Marks:
Topic:	Date:
Reflection by the Student	
Feed Back and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Formative Feedback Session - Theory assessment	Marks:
Topic:	Date:
Reflection by the Student	
Feed Back and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Formative Feedback Session - Theory assessment	Marks:
Topic:	Date:
Reflection by the Student	
Feed Back and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Formative Feedback Session - Theory assessment	Marks:
Topic:	Date:
Reflection by the Student	
FeedBack and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Formative Feedback Session - Theory assessment	Marks:
Topic:	Date:
Reflection by the Student	
Feedback and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Formative Feedback Session - Theory assessment	Marks:
Topic:	Date:
Reflection by the Student	
Feedback and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

Formative Feedback Session - Theory assessment	**Marks:**
Topic:	**Date:**
Reflection by the Student	
Feedback and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	
Formative Feedback Session - Theory assessment	Marks:
Topic:	Date:
Reflection by the Student	
Feedback and Remedial Action suggested by the Facilitator/ Remedial assessment marks	
Signature of Student	
Signature of Facilitator after completion of remedial action	

CONTINUOUS CLASS TEST (LMS)

No.	Topic	Date
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Signature of Facilitator

SELF DIRECTED LEARNING

Note:

1. This section includes academic mile stones attained through self-directed learning. The learner shall be assigned a specific learning objective for each session. (Library assignments, seminar, museum study etc.,)
2. The learner shall be given an assignment based on core and non-core topics 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.

S.No	**Date**	**Topic**
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Signature of Facilitator

SDL session:	Date:
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
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Feedback given by the Facilitator with signature	

SDL session:	Date:
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Feedback given by the Facilitator with signature	

SDL session:	**Date:**
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Feedback given by the Facilitator with signature	

SDL session:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

FORMATIVE ASSESSMENT PRACTICAL

Date	Assessment	Topic	Marks obtained
	PCT – II (Practical)		
	Prelims/Models (Practical)		

Signature of Facilitator

Practical Record

No.	Clinical Training	Date
1		
2		
3		
4		
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12		

Signature of Facilitator

No.	Clinical Training	Date
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Signature of Facilitator

ATTITUDE, ETHICS AND 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 doctor 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, analyze, 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 mile stones 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.

Date	Topic
	AETCOM 3.5 Fiduciary duty

Date	AETCOM Competency AETCOM 3.5 Fiduciary duty
Reflection / Narrative of the session	
Feedback by the Facilitator with signature	

INTEGRATED SESSION

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

No.	Topic	Date of session
1		
2		
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VII.CONTINUOUS INTERNAL ASSESSMENT

A. CERTIFIABLE SKILL BASED COMPETENCIES

(THROUGH OSPE/OSCE/SPOTS/EXERCISE/OTHER)

Note:

1. This section captures the skills and competencies obtained by the learner during the course work in the department.
2. The facilitator shall assess the learner for the specific certifiable competency and those certifiable competencies which the learner has acquired shall be entered in this section. A record of these is also maintained in the assessment record.

Competency and name of the activity	**CM 2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community**				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity	**CM 2.2 Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status**				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity	CM 4.4 Conduct a health education session for community awareness in a simulated environment/FAP/clinical posting	
Date		
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)		
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score		
Decision of faculty Completed (C) Repeat (R) Remedial (Re)		
Initial of faculty and date		
Feedback received Initial of learner		

Competency and name of the activity	CM 5.9 Perform nutritional assessment of individual, family and community using appropriate method and plan a diet for health promotion based on the assessment				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity	CM 5.10 Recommend a dietary plan for a person with DM/ HTN/ Obesity in a simulated environment/FAP/Clinical posting				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity	CM 5.11 Plan a diet for an adult which meets the protein (macronutrients) requirements as per the latest RDA-NIN guidelines for vegetarian/ovo-vegetarian/non-vegetarian				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity	**CM 5.12 Demonstrate different types of breastfeeding holds, latching, manual expression of breast milk using a baby model and breast model**				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity	**CM 5.13 Counsel a mother about complementary feeding for different age groups of the child covering the 8 dietary diversity food groups, quantity, frequency, consistency of the food.**				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity	**CM 6.6 Perform descriptive statistics of a given data-set and interpret**				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity	**CM 7.4 Define, calculate and interpret morbidity and mortality indicators based on given set of data**				
Date					
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)					
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score					
Decision of faculty Completed (C) Repeat (R) Remedial (Re)					
Initial of faculty and date					
Feedback received Initial of learner					

Competency and name of the activity			
Date			
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)			
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score			
Decision of faculty Completed (C) Repeat (R) Remedial (Re)			
Initial of faculty and date			
Feedback received Initial of learner			

Competency and name of the activity			
Date			
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)			
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score			
Decision of faculty Completed (C) Repeat (R) Remedial (Re)			
Initial of faculty and date			
Feedback received Initial of learner			

Competency and name of the activity			
Date			
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)			
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score			
Decision of faculty Completed (C) Repeat (R) Remedial (Re)			
Initial of faculty and date			
Feedback received Initial of learner			

Competency and name of the activity			
Date			
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)			
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score			
Decision of faculty Completed (C) Repeat (R) Remedial (Re)			
Initial of faculty and date			
Feedback received Initial of learner			

Competency and name of the activity			
Date			
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)			
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score			
Decision of faculty Completed (C) Repeat (R) Remedial (Re)			
Initial of faculty and date			
Feedback received Initial of learner			

Competency and name of the activity			
Date			
Attempt at activity First or Only (F) Repeat (R) Remedial (Re)			
Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score			
Decision of faculty Completed (C) Repeat (R) Remedial (Re)			
Initial of faculty and date			
Feedback received Initial of learner			

B. Home Assignment Competencies

Home Assignment:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

Home Assignment: **Date:**

Topic:

Synopsis

Bibliography

Feedback given by the Facilitator with signature

Home Assignment:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

C. Museum Learning Competencies

Museum Learning:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

Museum Learning: **Date:**

Topic:

Synopsis

Bibliography

Feedback given by the Facilitator with signature

Museum Learning:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

D. Library Assignment Competencies

Library Assignment:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

Library Assignment:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

Library Assignment:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

E. Seminar Competencies

Seminar:	**Date:**
Topic:	
Synopsis	
Bibliography	
Feedback given by the Facilitator with signature	

VIII. Research Protocol

8. Record of Project(s)
Note:
1. The learner may undertake a scholastic project of 1-2 months in the form of a clinical project or community project or research project.
2. These are based on the preferences of individual institutes.

Seminar:	**Date:**
Title of Project	
Synopsis	

Feedback given by the Facilitator with signature

IX.PHOTO STORY

1. Students may document the important moments of this journey e.g. prizes won, competitions attended, department activities etc.,
2. These are based on the preferences of individual institutions.
3. The projects are voluntary activity and not included for internal assessment.

X.CO-CURRICULAR ACHIEVEMENTS

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 e.g. prizes won, competitions attended, etc.
2. These are based on the preferences of individual institutions.
3. The projects are voluntary activity and not included for internal assessment.

XI. Competencies Checklist

Number	COMPETENCY	Completed (Y/N)
Topic 1: Concept of Health and Disease		
CM1.1	Define and describe the concept of Public Health	
CM1.2	Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	
CM1.3	Describe the characteristics of agent, host and environmental factors in health , disease and the multifactorial aetiology of disease	
CM1.4	Describe and discuss the natural history of disease	
CM1.5	Describe the application of interventions at various levels of prevention	
CM1.6	Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioural change communication (BCC)	
CM1.7	Enumerate and describe health indicators	
CM1.8	Describe the Demographic profile of India and discuss its Impact on health	
CM1.9	Demonstrate the role of effective Communication skills in health in a simulated environment	
CM1.10	Demonstrate the Important aspects of the doctor patient relationship in a simulated environment	
Topic 2: Relationship of social and behavioural to health and disease		
CM2.1	Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community	
CM2.2	Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status	
CM2.3	Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior	
CM2.4	Describe social psychology, community behaviour and community relationship and their impact on health and disease	
CM2.5	Describe poverty and social security measures and its relationship to health and disease	
Topic 3: Environmental Health Problems		

Number	COMPETENCY	Completed (Y/N)
CM3.1	Describe the health hazards of air, water, noise, radiation and pollution	
CM3.2	Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting	
CM3.3	Describe the aetiology and basis of water borne diseases /jaundice /hepatitis /diarrheal diseases	
CM3.4	Describe the concept of solid waste, human excreta and sewage disposal	
CM3.5	Describe the standards of housing and the effect of housing on health	
CM3.6	Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program	
CM3.7	Identify and describe the identifying features and life cycles of vectors of Public Health Importance and their control measures	
CM3.8	Describe the mode of action, application cycle of commonly used insecticides and rodenticides	
Topic 4: Principles of health promotion and education		
CM4.1	Describe various methods of health education with their advantages and limitations	
CM4.2	Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings	
CM4.3	Demonstrate and describe the steps in the evaluation of health promotion and education program	
CM 4.4	Conduct a health education session for community awareness in a simulated environment/FAP/clinical posting	
Topic 5: Nutrition		
CM5.1	Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological Conditions	
CM5.2	Describe and demonstrate the correct method of performing a nutritional assessment individuals, families and communities by using the appropriate method	
CM5.3	Define and describe common nutrition related health disorders (including, Micro-iron, Zn, iodine, Vit.A), their control and management	
CM5.4	Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment	

Number	COMPETENCY	Completed (Y/N)
CM5.5	Describe the methods of nutritional surveillance principles nutritional education and rehabilitation in the context of socio-cultural factors.	
CM5.6	Enumerate and discuss the National Nutrition Policy, important national nutritional Programs including the Integrated Child Development Services Scheme (ICDS) etc	
CM5.7	Describe food hygiene	
CM5.8	Describe and discuss the importance and methods of food fortification and effects of additives and adulteration	
CM5.9	Perform nutritional assessment of individual, family and community using appropriate method and plan a diet for health promotion based on the assessment	
CM 5.10	Recommend a dietary plan for a person with DM/ HTN/ Obesity in a simulated environment/FAP/Clinical posting	
CM5.11	Plan a diet for an adult which meets the protein (macro nutrients) requirements as per latest RDA-NIN guidelines for vegetarian/ ovo-vegetarian/non-vegetarian	
CM5.12	Demonstrate different types of breastfeeding holds, latching, manual expression of breast milk using a baby model and breast model.	
CM 5.13	Counsel a mother about complementary feeding for different age groups of the child covering the 8 dietary diversity food groups, quantity, frequency, consistency of the food.	
CM 5.14	Demonstrate an awareness of their own personal health and nutrition	
CM 5.15	Demonstrate knowledge of the role of nutrition in health promotion and disease prevention	
CM 5.16	Have knowledge of breast feeding and complementary feeding Practices	
CM 5.17	Ability to counsel mothers on breast feeding with focus on attachment to breast and correct position of the newborn	
CM 5.18	Ability to counsel mothers on complementary feeding using National guidelines while being sensitive of cultural and socioeconomic influences	
CM 5.19	Assess the nutritional content of processed foods learning to understand labels, and empower patients to make informed nutritional decisions.	
CM 5.20	Counsel for diet modification for a diabetic/ hypertensive/obese individual	
CM 5.21	Plan and conduct a health education session on nutrition in NCD clinic / in community	
CM 5.22	Counsel mother on breast feeding and complementary feeding	
Topic 6: Basic statistics and its applications		

Number	COMPETENCY	Completed (Y/N)
CM6.1	Formulate research question for a study	
CM6.2	Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	
CM6.3	Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	
CM6.4	Enumerate, discuss and demonstrate Common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	
CM 6.5	Able to understand use of statistical software for the data analysis	
CM 6.6	Perform descriptive statistics of a given data-set and interpret	
Topic 7: Epidemiology		
CM7.1	Define Epidemiology and describe and enumerate the principles, concepts and uses	
CM7.2	Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable and non-communicable diseases	
CM7.3	Enumerate, describe and discuss the sources of epidemiological data	
CM7.4	Define, calculate and interpret morbidity and mortality indicators based on given set of data	
CM7.5	Enumerate, define, describe and discuss epidemiological study designs	
CM7.6	Enumerate and evaluate the need of screening tests	
CM7.7	Describe and demonstrate the steps in the Investigation of an epidemic of communicable disease and describe the principles of control measures	
CM7.8	Describe the principles of association, causation and biases in epidemiological studies	
CM7.9	Describe and demonstrate the application of computers in epidemiology	
CM 7.10	Able to demonstrate development of research proposal	
CM 7.11	Able to demonstrate the skills for critically appraise the research articles or research data	
Topic 8: Epidemiology of communicable and non- communicable diseases		
CM8.1	Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases	

Number	COMPETENCY	Completed (Y/N)
CM8.2	Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for non-communicable diseases (diabetes, Hypertension, Stroke, obesity and cancer etc.)	
CM8.3	Enumerate and describe specific National Health Programs including their prevention and treatment of a case	
CM8.4	Describe the principles and enumerate the measures to control a disease epidemic	
CM8.5	Describe and discuss the principles of planning, Implementing and evaluating control measures for disease at community level bearing in mind the public health importance of the disease	
CM8.6	Educate and train health workers in disease surveillance, control & treatment and health education	
CM8.7	Describe the principles of management of information systems	
Topic 9: Demography and vital statistics		
CM9.1	Define and describe the principles of Demography, Demographic cycle, Vital statistics	
CM9.2	Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates	
CM9.3	Enumerate and describe the causes of declining sex-ratio and its social and health Implications	
CM9.4	Enumerate and describe the causes and consequences of population explosion and population dynamics of India.	
CM9.5	Describe the methods of population control	
CM9.6	Describe the National Population Policy	
CM9.7	Enumerate the sources of vital statistics including census, SRS, NFHS, NSSO etc	
Topic 10: Reproductive maternal and child health		
CM10.1	Describe the current Reproductive, maternal, newborn and Child Health	
CM10.2	Enumerate and describe the methods of screening high-risk groups and common health problems	
CM10.3	Describe local customs and practices during pregnancy, child birth, lactation and child feeding practices	
CM10.4	Describe the reproductive, maternal, newborn &child health (RMCH); child survival and safe motherhood interventions	
CM10.5	Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (GMNCI) and other existing Programs.	

Number	COMPETENCY	Completed (Y/N)
CM10.6	Enumerate and describe various family planning methods, their advantages and shortcomings	
CM10.7	Enumerate and describe the basis and principles of the Family Welfare Program including the organization, technical and operational aspects	
CM10.8	Describe the physiology, clinical management and principles of adolescent health including ARSH	
CM10.9	Describe and discuss gender issues and women empowerment	
CM 10.10	Able to manage the health care services for reproductive and child care services under supervision	
Topic 11: Occupational Health		
CM11.1	Enumerate and describe the presenting features of patients with occupational illness including agriculture	
CM11.2	Describe the role, benefits and functioning of the employee's state insurance scheme	
CM11.3	Enumerate and describe specific occupational health hazards, their risk factors and preventive measures	
CM11.4	Describe the principles of ergonomics in health preservation	
CM11.5	Describe occupational disorders of health professionals and their prevention & management	
CM 11.6	Able to manage the occupational health services at factory or industry level in a simulated environment	
Topic 12: Geriatric services		
CM12.1	Define and describe the concept of Geriatric services	
CM12.2	Describe health problems of aged population	
CM12.3	Describe the prevention of health problems of aged population	
CM12.4	Describe National program for elderly	
CM 12.5	Able to identify the health needs to elderly individuals at the earliest	
Topic 13: Disaster Management		
CM13.1	Define and describe the concept of Disaster management	
CM13.2	Describe disaster management cycle	
CM13.3	Describe man-made disasters in the world And in India	
CM13.4	Describe the details of the National Disaster management Authority	
CM 13.5	Able to understand the management of handing a disaster in a simulated environment	
Topic 14: Hospital waste management		

Number	COMPETENCY	Completed (Y/N)
CM14.1	Define and classify hospital waste	
CM14.2	Describe various methods of treatment of hospital waste	
CM14.3	Describe laws related to hospital waste management	
CM 14.4	Able to segregate the various hospital waste	
Topic 15: Mental Health		
CM15.1	Define and describe the concept of mental Health	
CM15.2	Describe warning signals of mental health disorder	
CM15.3	Describe National Mental Health program	
CM 15.4	Able to recognise the mental issues among individuals, families and communities at the earlier stages	
Topic 16: Health planning and management		
CM16.1	Define and describe the concept of health planning	
CM16.2	Describe planning cycle	
CM16.3	Describe Health management techniques	
CM16.4	Describe health planning in India and National policies related to health and health planning	
CM 16.5	Demonstrate understanding of concepts of Health planning in India, various health care economics analysis	
Topic 17: Health care of the community		
CM17.1	Define and describe the concept of health care to community	
CM17.2	Describe community diagnosis	
Number	**COMPETENCY** **The student should be able to**	
CM17.3	Describe primary health care, its components and principles	
CM17.4	Describe National policies related to health and health planning and millennium development goals	
CM17.5	Describe healthcare delivery in India	
CM 17.6	Demonstrate understanding of health system functioning in India	
Topic 18: International Health		
CM18.1	Define and describe the concept of International health	
CM18.2	Describe roles of various international health agencies	
CM 18.3	Demonstrate understanding role of various international and national agencies in health & disease with prevention of emergence and re- emergence of diseases and prevention of pandemic and handling the Pandemic	

Number	COMPETENCY	Completed (Y/N)
Topic 19: Essential Medicine		
CM19.1	Define and describe the concept of Essential Medicine List (EML)	
CM19.2	Describe roles of essential medicine in primary health care	
CM19.3	Describe counterfeit medicine and its prevention	
CM19.4	Demonstrate understanding of mechanism of identifying and calculation of requirements of various medicines and essential medicine at primary health care	
Topic 20: Recent advances in Community Medicine		
CM20.1	List Important public health events of last five years	
CM20.2	Describe various issues during outbreaks and their prevention	
CM 20.3	Describe any event important to Health of the Community	
CM 20.4	Demonstrate awareness about laws pertaining to practice of community medicine	