



Competency Nos.	Topics & Subtopics-	
2.32	Forensic Pathology - ability to exchange information by verbal, or nonverbal communication to the peers, family members, law enforcing agency and judiciary	LECTURE-01
3.1	Clinical Forensic Medicine-Identification	LECTURE-03
3.2	Clinical Forensic Medicine-Identification	Small group teachings/tutorials/ Integrated teaching/Practicals-05
3.27	Clinical Forensic Medicine-Abortion and MTP act	LECTURE-00
3.28	Clinical Forensic Medicine-criminal abortion	Small group teachings/tutorials/ Integrated teaching/Practicals-02
3.32	Clinical Forensic Medicine- Demonstrate the professionalism while preparing reports in medicolegal situations, interpretation of findings and making inference/opinion, collection preservation and dispatch of biological or trace evidences	Small group teachings/tutorials/ Integrated teaching/Practicals-02
4.1	Medical Jurisprudence (Medical Law and ethics)- intro	LECTURE-03
4.2	Medical Jurisprudence (Medical Law and ethics)- Code of Medical Ethics 2002 conduct	Small group teachings/tutorials/ Integrated teaching/Practicals-05
4.3	Medical Jurisprudence (Medical Law and ethics)- functions and role of Medical Council of India and State Medical Councils	Small group teachings/tutorials/ Integrated teaching/Practicals-05
4.4	Medical Jurisprudence (Medical Law and ethics)-medical register	SDL-1
4.5	Medical Jurisprudence (Medical Law and ethics)- Rights/privileges of a medical practitioner, penal erasure, infamous conduct, disciplinary Committee, disciplinary procedures, warning notice and penal erasure	
4.6	Medical Jurisprudence (Medical Law and ethics)- Laws in Relation to medical practice and the duties of a medical practitioner towards patients and society	
4.7	Medical Jurisprudence (Medical Law and ethics)-HIV	
4.8	Medical Jurisprudence (Medical Law and ethics)-CPA	
4.9	Medical Jurisprudence (Medical Law and ethics)-NHRC	
4.10	Medical Jurisprudence (Medical Law and ethics)- communication between doctors, public and media	
4.11	Medical Jurisprudence (Medical Law and ethics)-Euthansia	
4.12	Medical Jurisprudence (Medical Law and ethics)-stem cell research	
4.17	Medical Jurisprudence (Medical Law and ethics)- thical Principles: Respect for autonomy, nonmalfeasance, beneficence & justice	
4.22	Medical Jurisprudence (Medical Law and ethics)Hippocratic oath	
4.23	Medical Jurisprudence (Medical Law and ethics)- modified Declaration of Geneva	
4.25	Medical Jurisprudence (Medical Law and ethics)-clinical research	
4.26	Medical Jurisprudence (Medical Law and ethics)-ethical committee	
4.27	Medical Jurisprudence (Medical Law and ethics)-ethical guidelines	
6.1	Forensic Laboratory investigation in medical legal practice	SDL-01

Competency Nos.	Topics & Subtopics-	
	Term –II	
8.1	Toxicology: General Toxicology-History	SDL-01
8.2	Toxicology: General Toxicology-various definition	LECTURE-03 Small group teachings/tutorials/ Integrated teaching/Practicals-11
8.3	Toxicology: General Toxicology-types of poisons and diagnosis in livings and dead	
8.4	Toxicology: General Toxicology-NDPS act	
8.5	Toxicology: General Toxicology-autopsy in poisoning and sample preservation	
8.6	Toxicology: General Toxicology-common poison encounter in India	
8.7	Toxicology: General Toxicology-bed side test	
8.8	Toxicology: General Toxicology-general treatment of poisoning	
8.9	Toxicology: General Toxicology- procedure of intimation of suspicious cases or actual cases of foul play to the police	
8.10	Toxicology: General Toxicology- general principles of Analytical Toxicology	
9.1	Toxicology : Chemical Toxicology-caustic inorganic and organic	
9.2	Toxicology : Chemical Toxicology-phosphorus iodine and barium	
9.3	Toxicology : Chemical Toxicology-Heavy metals	
9.4	Toxicology : Chemical Toxicology—ethanol	
9.5	Toxicology : Chemical Toxicology- agricultural poison	
9.6	Toxicology : Chemical Toxicology-amonna, CO, HCN, MIC and tear gas	
10.1	Toxicology : Pharmaceutical Toxicology-CNS depressants, cardiovascular poisons	
11.1	Toxicology-Snake Bite	
12.1	Toxicology-management of drug abuse	
13.2	Toxicology-Workman compensation in Poisoning.	
14.7	Skills in Forensic Medicine & Toxicology- Demonstrate & identify that a particular stain is blood and identify the species of its origin	Small group teachings/tutorials/ Integrated teaching/Practicals-01
14.8	Skills in Forensic Medicine & Toxicology- Demonstrate the correct technique to perform and identify ABO & RH blood group of a person	Small group teaching sing/Practicals-01



Competency Nos.	Topics & Subtopics		
3.11	Clinical forensic medicine-Mechanical Injuries-regional injuries		
3.12	Clinical forensic medicine-Mechanical Injuries-regional injuries		
2.25	Forensic pathology-types of injuries and medicolegal aspect of injuries.		
2.14	Forensic pathology-examination of clothing, preservation of viscera on post-mortem examination for chemical		
2.15	Forensic pathology- Special protocol in custodial death		
2.16	Forensic pathology- Mutilated charred bones	Practical/ Small group Tech. etc.- 02	
2.17	Forensic pathology-exhumation		
2.18	Forensic pathology=CSI		
2.19	Forensic pathology-Anaesthetic death		
2.21	Forensic Pathology-Mechanical asphyxia	Lectures- 03 Practical/ Small group Tech. etc.- 02	
2.22	Forensic Pathology-Mechanical asphyxia		
2.23	Forensic Pathology-Mechanical asphyxia		
2.24	Forensic Pathology-Mechanical asphyxia		
2.26	Forensic Pathology-starvation		
2.31	Forensic Pathology- autopsy in custody, med negligence NHRC		
2.33	Forensic Pathology-Mass disaster		
3.13	Clinical forensic medicine-Sexual offences	Lectures- 04 Practical/ Small group Tech. etc.- 04	
3.14	Clinical forensic medicine-Sexual offences		
<b>3.15</b>	Clinical forensic medicine-Sexual offences		
3.16	Clinical forensic medicine-Sexual offences		
3.17	Clinical forensic medicine-sexual perversion		
3.18	Clinical forensic medicine-Hymen, virginity, legitimacy		
3.19	Clinical forensic medicine-pregnancy		
3.20	Clinical forensic medicine-disputed paternity		
3.21	Clinical forensic medicine-Impotence and sterility	Lectures- 02 Practical/ Small group Tech. etc.- 02	
3.22	Clinical forensic medicine-Sexual offences		
2.27	Forensic pathology- infanticide		
2.28	Forensic pathology- IUD, Still birth Hydrostatic test,		
3.23	Clinical forensic medicine-AI, Sterilization		
3.24	Clinical forensic medicine-vasectomy and tubectomy		
3.25	Clinical forensic medicine-national family health survey		
3.26	Clinical forensic medicine-ART	Lectures- 02 Practical/ Small group Tech. etc.- 02	
3.29	Clinical forensic medicine-Battered baby		
3.30	Clinical forensic medicine-torture and injuries		
3.31	Clinical forensic medicine- human rights		
3.33	Clinical forensic medicine-dealing with Victims of torture		
5.1	Forensic psychiatry		Lectures- 03 Practical/ Small group Tech. etc.- 02
5.2	Forensic psychiatry		
5.3	Forensic psychiatry		
5.4	Forensic psychiatry		
5.5	Forensic psychiatry		

Competency Nos.	Topics & Subtopics	
5.6	Forensic psychiatry	
6.2	Forensic science lab	Lectures- 00 Practical/ Small group Tech. etc.- 02
6.3	Forensic science lab	
7.1	Emerging technologies such as DNA brain mapping, polygraph, facial reconstruction etc	
14.1	Skills in Forensic Medicine & Toxicology-Injury report	
14.2	Skills in Forensic Medicine & Toxicology-clinical examination in poisoning	Practical/ Small group Tech. etc.- 15
14.3	Skills in Forensic Medicine & Toxicology-collection and despatch of samples in poisoning	
14.4	Skills in Forensic Medicine & Toxicology-age estimation	
14.5	Skills in Forensic Medicine & Toxicology- conduct PM examination and prepare PM report	
14.6	Skills in Forensic Medicine & Toxicology-demostrate stain hair,semen	
14.9	Skills in Forensic Medicine & Toxicology-skeletal remains	
14.10	Skills in Forensic Medicine & Toxicology-demostrate specimen of injury	
14.11	Skills in Forensic Medicine & Toxicology- weapon report	
14.12	Skills in Forensic Medicine & Toxicology- Bullet and cartridge	
14.13	Skills in Forensic Medicine & Toxicology-estimate age of foetus	
14.14	Skills in Forensic Medicine & Toxicology-accused of rape	
14.15	Skills in Forensic Medicine & Toxicology-medicolegal report of victim of sexual assault	
14.16	Skills in Forensic Medicine & Toxicology- Drunkenness report	
14.17	Skills in Forensic Medicine & Toxicology-identify common poison	
14.18	Skills in Forensic Medicine & Toxicology- medicolegal report of person in judicial custody,	
14.19	Skills in Forensic Medicine & Toxicology- identify Histopathology common slide such as MI Pnemonnia	
14.20	Skills in Forensic Medicine & Toxicology-To record and certify Dying declaration	
14.21	Skills in Forensic Medicine & Toxicology- To preserved DNA sample	
14.22	Skills in Forensic Medicine & Toxicology- To give expert evidence in court of law	

## Paper wise distribution of topics for Prelim & MUHS Annual Examination

Year: III-II MBBS    Subject: Forensic Medicine

Paper	Section	Topics
Only one paper	A	MCQs on all topics of the paper I
		ALL SYLLABUS OF FORENSIC MEDICINE AND TOXICOLOGY,
II Not applicable	A	MCQs on all topics of the paper II –Not applicable
		Not applicable

**MBBS Second & Third Phase Part -I  
Internal Assessment**

**Subject: Forensic Medicine & Toxicology**

**Applicable w.e.f October 2020 onwards examination for batches admitted from June 2019 onwards**

Phase	I-Exam (At the end of first term)			II-Exam (At the end of second term )		
	Theory	Practical (Including 10 Marks for Journal & Log Book )	Total Marks	Theory	Practical Including 5Marks for Journal & Log Book	Total Marks
II MBBS	50	40+10	100	50	40+10	100

Phase	I-Exam (At the end of first term)			II-Exam (preliminary)		
	Theory	Practical (Including 10 Marks for Journal & Log Book )	Total Marks	Theory	Practical Including 10 Marks for Journal & Log Book	Total Marks
III/I MBBS	50	40+10	100	100	90+10	200

1. There will be **4** internal assessment examinations in Forensic medicine. The structure of the Preliminary internal assessment theory examinations should be similar to the structure of University examination.
2. It is mandatory for the students to appear for all the internal assessment Examinations in the respective phases. A student who has not taken minimum required number of tests for Internal Assessment each in theory and practical will not be eligible for University examinations.

3. There will be only one additional examination for absent students (due to genuine reason) after approval by the Institutional Grievances Committee. It should be taken after preliminary examination and before submission of internal assessment marks to the University.
4. Internal assessment marks for theory will be out of 250 and practical will be out of 250.
5. Reduce total theory internal assessment to 40 marks and total practical internal assessment to 40 marks. Students must secure at least 50% marks of the total marks (combined in theory and practical; not less than 40 % marks in theory and practical separately) to be eligible for appearing University examination

6. Conversion Formula for calculation of marks in internal assessment examinations

	First IA II Phase	Second IA II Phase	Third IA III Phase Part -I	(Prelim) III Phase Part -I	Total	Internal assessment marks: Conversion formula (out of 40)	Eligibility to appear for final University examination (after conversion out of 40) (40% separately in Theory & Practical, 50% Combined)	
Theory	50	50	50	100	250	<u>Total marks obtained</u> 6.25	16 (Minimum)	Total of Theory + Practical Must be 40.
Practical	50	50	50	100	250	<u>Total marks obtained</u> 6.25	16 (Minimum)	

7. While preparing Final Marks of Internal Assessment, the rounding-off marks shall done as illustrated in following table

Internal Assessment Marks	Final rounded marks
15.01 to 15.49	15
15.50 to 15.99	16

8. Students must secure at least 50% marks of the total marks (combined in theory and practical / clinical; not less than 40 % marks in theory and practical  
Separately) assigned for internal assessment in order to be eligible for appearing at the final University examination of that subject. Internal assessment marks will reflect as separate head of passing at the summative examination.
9. Internal assessment marks will not to be added to marks of the University examinations and will be shown separately in mark list.

## **Second MBBS Practical Mark's Structure**

### **Internal Assessment Examinations**

**(Applicable w.e.f October 2020 onwards examination for batches admitted from June 2019 onwards)**

**TERM END INTERNAL ASSESSMENT EXAMINATION-AUTONOMY AT INSTITUTE LEVEL.**

## III-I MBBS Practical Mark's Structure MUHS

Applicable w.e.f October 2020 onwards examination for batches admitted from June 2019 onwards

<b>Subject: Forensic Medicine &amp; Toxicology</b>																
<b>Practical</b>												<b>Oral/Viva</b>				<b>Total</b>
Seat No.	Age Estimation	MCCD	Injury report	Survivor of sexual assault report	Drunkness report/accused of sexual assault	Weapon report	Foetus examination	Bone Exam	Spots-specimen /slide/ DNA preservation	Journal marks	Total	Forensic pathology	Toxicology, FSL,	Med juris, Forensic psychiatry	Total	Practical & Oral (K + O)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
<b>Max. Marks</b>	8	8	8	8	6	6	5	5	16	5	75	9	8	8	25	100

## III-I MBBS Practical Mark's Structure (Prelim)

Applicable w.e.f October 2020 onwards examination for batches admitted from June 2019 onwards

<b>Subject: Forensic Medicine</b>																
<b>Practical</b>												<b>Oral/Viva</b>				<b>Total</b>
<b>Seat No.</b>	<b>Age Estimation</b>	<b>MCCD</b>	<b>Injury report</b>	<b>Survivor of sexual assault report</b>	<b>Drunkenness report/ac cused of sexual assault</b>	<b>Weapon report</b>	<b>Foetus examination</b>	<b>Bone Exam</b>	<b>Spots-specimen/slide/DNA preservation</b>	<b>Journal marks</b>	<b>Total</b>	<b>Forensic pathology</b>	<b>Toxicology , FSL,</b>	<b>Med juris, Forensic psychiatry</b>	<b>Total</b>	<b>Practical &amp; Oral</b>
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>		<b>K</b>	<b>L</b>	<b>M</b>		
<b>Max. Marks</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>15</b>	<b>10</b>	<b>79</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>100</b>	

**MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK**  
**FORMAT / SKELETON OF QUESTION PAPER**

1. Course and Year : <b>III- I MBBS</b> <i>(applicable w.e.f. Oct. 2022 &amp; onwards examinations)</i>	2. Subject Code :
3. Subject (PSP) : <b>Forensic Medicine &amp; Toxicology</b> (TT) :	
4. Paper : <b>I</b>	5. Total Marks : <b>100</b>
6. Total Time : <b>3 Hrs.</b>	7. Remu. (Rs) : <b>Rs. 300/-</b>
	8. Remu. (Rs) : <b>Rs. 350/-</b>
9. Web Pattern : [ ]	10. Web Skeleton : [ ]
11. Web Syllabus : [ ]	12. Web Old QP : [ ]

**Instructions:**

**SECTION "A" MCQ**

- 1) Put  in the appropriate box below the question number once only.
- 2) Use blue ball point pen only.
- 3) Each question carries **One mark**.
- 4) Students will not be allotted mark if he/she overwrites strikes or put white ink on the cross once marked.

**SECTION "A" MCQ (20 Marks)**

1. Multiple Choice Questions (Total 20 MCQ of One mark each) (20 x1 = 20)
- a) b) c) d) e) f) g) h) i) j)  
k) l) m) n) o) p) q) r) s) t)

**SECTION "B"**

**Instructions:**

- 1) Use **blue/black** ball point pen only.
- 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) **All questions are compulsory**.
- 4) The number to the **right** indicates **full marks**.
- 5) Draw diagrams **wherever** necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As It is only for the placement sake, the distribution has been done.
- 7) Use a common answerbook for all sections.

**SECTION "B"**

- |                                     |                           |           |
|-------------------------------------|---------------------------|-----------|
| 2. Short Answer Questions           | ( AETCOM(3.2)(compulsory) | (7x1=07)  |
| a)                                  |                           |           |
| 3. Short Answer Questions           | (Answer Any 3 out of 4)   | (7x3=21)  |
| a) b) c) d)                         |                           |           |
| 4. Structured Long Answer Questions | (Compulsory)              | (12x1=12) |
| a)                                  |                           |           |
| 5. Short Answer Questions           | (Answer Any 4 out of 5)   | (7x4=28)  |
| a) b) c) d) e)                      |                           |           |
| 6. Structured Long Answer Questions | (Compulsory)              | (12x1=12) |
| a)                                  |                           |           |

## **Books recommended :-**

1. Modi's Textbook of Medical Jurisprudence and Toxicology  
Ed. 22, 1999, by B.V. Subramanyam, Butterworth
2. The Essentials of Forensic Medicine & Toxicology by K.S. Narayan Reddy
3. Parikh's Textbook of Medical Jurisprudence and Toxicology.
4. Text Book of Forensic Medicine – J.B. Mukherjee VOL 1 & 2
5. Principles of Forensic Medicine - A. Nandy
6. Toxicology at a Glance by Dr S.K. Singhal
7. Bernard Knight et. All: Cox's Medical Jurisprudence & Toxicology

## **Reference books**

1. Russell S. Fisher & Charles S. Petty: Forensic Pathology
2. Keith Simpson: Forensic Medicine
3. Jurgen Ludwig: Current Methods of autopsy practice.
4. Gradwohl – Legal Medicine
5. A Doctors Guide to Court – Simpson
6. Polson C.J. : The essentials of Forensic Medicine
7. Adelson, L.: The Pathology of Homicide.
8. Atlas of Legal Medicine (Tomro Watonbe)
9. Sptiz, W.U. & Fisher, R.S.: Medico-legal Investigation of Death.
10. A Hand Book of Legal Pathology (Director of Publicity)
11. Taylor's Principles & Practice of Medical Jurisprudence.  
Edited by A.Keith Mant, Churchill Livingstone.
12. Ratanlal & Dhirajlal, The Indian Penal Code; Justice Hidayatullah & V.R. Manohar
13. Ratanlal & Dhirajlal, The Code of Criminal procedure; Justice Hidayatullah & S.P. Sathe
14. Ratanlal & Dhirajlal, The Law of Evidence; Justice Hidayatullah & V.R. Manohar
15. Medical Law & Ethic in India – H.S. Mehta
16. Bernard Knight : Forensic Pathology
17. Code of medical ethics : Medical Council of India, approved by Central Government, U/S 33 (m) of IMC Act, 1956 (Oct 1970)
18. Krogman, W.M.: The human skeleton in legal medicine.
19. FE Camps, JM Cameren, David Lanham : Practical Forensic Medicine
20. V.V. Pillay : Modern Medical Toxicology.

# Maharashtra University of Health Sciences Nashik



**FORENSIC MEDICINE LOGBOOK For  
PHASE II MBBS STUDENTS AS PER COMPETENCY BASED  
CURRICULUM**

**First Edition: 2019**

# Preface

The Medical Council of India has revised the undergraduate medical education curriculum so that the Indian Medical Graduate (IMG) is able to recognize **“Health for all”** as a national goal. He/she should also be able to fulfil his/her societal obligations. The revised curriculum has specified the competencies that a student must attain and clearly defined teaching learning strategies for the same. With this goal in mind, integrated teaching, skill development, AETCOM and self-directed learning have been introduced. There would be emphasis on communication skills, basic clinical skills and professionalism. There is a paradigm shift from the traditional didactic classroom-based teaching to learning environments where there is emphasis on learning by exploring, questioning, applying, discussing, analysing, reflecting, collaborating and doing. The recognition of this need is enshrined by a greatly enhanced allocation of time to these methods and also the assessment techniques. With this view in mind the log book has been designed as per the guidelines of competency Based curriculum.

Name of the College

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Admission Year : \_\_\_\_\_

## CERTIFICATE

This is to certify that,

Mr/Ms. \_\_\_\_\_

Roll No. \_\_\_\_\_ has satisfactorily attended/completed all assignments mentioned in this logbook as per the guidelines prescribed by Medical Council of India, for Phase I MBBS Competency Based Curriculum in the subject of **FORENSIC MEDICINE AND TOXICOLOGY**.

Date: \_\_\_/\_\_\_/\_\_\_\_\_

Place: \_\_\_\_\_

Teacher Incharge

Professor and Head  
Department of FORENSIC MEDICINE AND TOXICOLOGY

## Instructions

1) This logbook is prepared as per the guidelines of MCI for implementation of Competency based curriculum for Phase II MBBS students in the subject of Pharmacology.

2) Students are instructed to keep their logbook entries up to date.

3) Students are expected to write minimum 2 reflections on any two activities each of Clinical Forensic Medicine skills & Self-Directed Learning (SDL).

4) Students also have to write reflections on AETCOM Module -----) Reflections should be structured using the following guiding questions:

- What happened? (What did you learn from this experience)
- So what? (What are the applications of this learning)
- What next? (What knowledge or skills do you need to develop so that you can handle this type of situation?)

5) The logbook assessment will be based on multiple factors like

- Attendance
- Active participation in the sessions
- Timely completions
- Quality of write up of reflections
- Overall presentation

# INDEX

<b>Sr. No</b>	<b>Description</b>	<b>Page No's</b>	<b>Status Complete/ Incomplete</b>	<b>Signature of Teacher</b>
<b>1</b>	<b>Clinical Forensic Medicine Skills</b>			
<b>2</b>	<b>Self-Directed Learning, Seminars, Projects, Quizzes</b>			
<b>3</b>	<b>AETCOM Module</b> -----			
<b>4</b>	<b>Attendance Records</b>			
<b>5</b>	<b>Records of Internal Assessment</b>			

\* AETCOM – Competencies for IMG, 2018, Medical Council of India.

## Record of Clinical Pharmacology Skills

S.No	Skill	Setting	Correlation	Date	Signature of Teacher
1	Skills in Forensic Medicine & Toxicology-clinical examination in poisoning				
2	Skills in Forensic Medicine & Toxicology-collection and despatch of samples in poisoning				
3	Skills in Forensic Medicine & Toxicology-demonstrate stain hair, semen				
4	Skills in Forensic Medicine & Toxicology- Bullet and cartridge				
5	Skills in Forensic Medicine & Toxicology-medicolegal report of person in judicial custody,				
6	Skills in Forensic Medicine & Toxicology- identify Histopathology common slide such as MI Pneumonia				
7	Skills in Forensic Medicine & Toxicology-To record and certify Dying declaration				

8	Skills in Forensic Medicine & Toxicology- To preserved DNA sample				
9	Skills in Forensic Medicine & Toxicology- To give expert evidence in court of law				
10	Skills in Forensic Medicine & Toxicology- Demonstrate & identify that a particular stain is blood and identify				
11	Skills in Forensic Medicine & Toxicology- Demonstrate the correct technique to perform and identify ABO & RH blood group of a person				

## Reflection on Clinical FORENSIC MEDICINE Skills

**Signature of Teacher-in- charge**

**Topic:**

**Date:**

## Reflection on Clinical FORENSIC MEDICINE Skills

**Signature of Teacher-in- charge**

**Topic:**

**Date:**

## Reflection on Clinical FORENSIC MEDICINE Skills

**Signature of Teacher-in- charge**

**Topic:**

**Date:**



## Reflection on self directed learning activities

**Signature of Teacher-in- charge**

**Topic:**

**Date:**

## Reflection on self directed learning activities

**Signature of Teacher-in- charge**

**Topic:**

**Date:**

## Reflection on self directed learning activities

**Signature of Teacher-in- charge**

**Topic:**

**Date:**

### **3: AETCOM Module**

**Signature of Teacher-in- charge**

## Reflection on AETCOM module

**Signature of Teacher-in- charge**

**Topic:**

**Date:**

## Reflection on AETCOM module

**Signature of Teacher-in- charge**

**Topic:**

**Date:**

## 4A: Attendance Record of the Student

<b>Sr. No</b>	<b>Term</b>	<b>Theory (%)</b>	<b>Practical (%)</b>	<b>Signature of the Student</b>	<b>Signature of the Teacher</b>
<b>A</b>	<b>I Term</b>				
<b>B</b>	<b>II Term</b>				
<b>C</b>	<b>III term</b>				
<b>D</b>	<b>IV TERM</b>				
<b>E</b>	<b>OVER ALL ATTENDANCE</b>				

**Note: Above information is for the benefit of students and parents. In case of any discrepancy departmental record will be treated as final.**

**SECTION 4B: Details of attending extra classes [For poor attendance (if any)]**

<b>S.No</b>	<b>Date</b>	<b>Period</b>	<b>Total hrs</b>	<b>Signature of student</b>	<b>Signature of Teacher</b>
<b>Total hours</b>					

**Note: Above information is for the benefit of students and parents. In case of any discrepancy departmental record will be treated as final.**

## Section 5. Records of Internal Assessment Examinations

### Records of Internal Assessment examinations

S.No	Exam	Theory	Practical including viva	Signature of student	Signature of Teacher
1	I Internal Assessment	/ 50	/ 50		
2	II Internal Assessment	/ 50	/ 50		
3	III Internal Assessment	/ 50	/ 50		
4	IV Internal Assessment (Prelim)	/100	/100		
4	Internal Assessment marks	/ 250	/ 250		
5	Betterment exam	/ 100	/ 100		
6	Final Internal Assessment	/ 250	/ 250		

**Note: Above information is for the benefit of students and parents. In case of any discrepancy departmental record will be treated as final.**