

# **STUDY GUIDE - 2026**

## **1<sup>ST</sup> YEAR MBBS- BATCH**



**Study Guide** is a tool to facilitate and support students' learning, provide guidance and highlight required information to students. It aims to maximize the personal benefit each individual can attain from the academic program.

### **The Guide Provides:**

- Information on organization and management of the academic year. This will help you contact the right individual in case you have any difficulty
- Course objectives which you will be expected to achieve at the end of each course
- Information on learning methods that you will experience during the course
- Learning resources available for the sessions. These include books, computer assisted learning programs, videos and others
- Information on the methods of assessment including formative and summative assessment

## Curriculum Framework

- Students will experience *integrated curriculum* which will be horizontally integrated.

## What is Integrated Curriculum?

- Integrated curriculum comprises of system-based modules such as foundation and blood which links basic science knowledge to clinical problems.
- Integrated teaching means that subjects are presented as a meaningful whole. Students will be able to have better understanding of basic sciences when they repeatedly learning relation to clinical examples.
- Case-based discussions, computer-based assignments, and skills acquisition in skills lab are characteristics of integrated teaching program

# Academic Calendar for 1<sup>st</sup> Year MBBS

Events	From	To
<b>Block-I (14+1 = 15)</b>		
NUMS Starting Date	16 Feb 2026	
KIMS Starting, Duration of Block -I (03/15 Weeks)	16 Feb 2026	06 March 2026
<b>Eid-ul-Fitr* Vacation (17 days)</b>	<b>07 March 2026</b>	<b>23 March 2026</b>
Duration of Block -I (02/15 Weeks)	24 March 2026	01 April 2026
Sports week (01 Week)	<b>02 April 2026</b>	<b>06 April 2026</b>
Duration of Block -I (07/15 Weeks)	07 April 2026	22 May 2026
<b>Eid-ul-Azha* and Summer Vacation (16 days)</b>	<b>23 May 2026</b>	<b>07 June 2026</b>
Duration of Block -I (02/15 Weeks)	08 June 2026	21 June 2026
<b>Block I Exam (01/15 week) *</b>	<b>22 June 2026</b>	<b>28 June 2026</b>
<b>Block-II (09+1=10)</b>		
Duration of Block -II (09/10 Weeks)	29 June 2026	30 Aug 2026
<b>Block II Exam (01/10 week) *</b>	<b>31 Aug 2026</b>	<b>06 Sept 2026</b>
<b>Block-III (9+1+2=12)</b>		
Duration of Block -III (09/12 Weeks)	07 Sept 2026	08 Nov 2026
<b>Block III Exam (01/12 week) *</b>	<b>09 Nov 2026</b>	<b>15 Nov 2026</b>
<b>Pre-Annual Exam (02/12 Weeks) *</b>	<b>16 Nov 2026</b>	<b>29 Nov 2026</b>
<b>Prep Leave for Annual (04/08 Weeks)</b>	<b>30 Nov 2026</b>	<b>27 Dec 2026</b>
<b>Annual Exam*</b>	<b>28 Dec 2026</b>	

# Holiday Calendar

## Year 2026

EVENTS	DATE & DAY
<b>Kashmir Solidarity Day</b>	<b>5<sup>th</sup> February, Wednesday</b>
<b>Jumma-Tul-Vida</b>	<b>20<sup>th</sup> March, Friday</b>
<b>Eid ul-Fitr</b>	<b>21<sup>st</sup> March – Saturday</b>
	<b>22<sup>nd</sup> March – Sunday</b>
	<b>23<sup>rd</sup> March – Monday</b>
<b>Pakistan Day</b>	<b>23<sup>rd</sup> March, Sunday</b>
<b>Labor Day</b>	<b>1<sup>st</sup> May, Thursday</b>
<b>Summer break</b>	<b>23<sup>rd</sup> May – 7<sup>th</sup> June</b>
<b>Eid ul-Adha</b>	<b>27<sup>th</sup> May – Wednesday</b>
	<b>28<sup>th</sup> May – Thursday</b>
	<b>29<sup>th</sup> May – Friday</b>
<b>Ashura</b>	<b>25<sup>th</sup> June- Thursday</b>
	<b>26<sup>th</sup> June – Friday</b>
<b>Independence Day Of Pakistan</b>	<b>14<sup>th</sup> August, Friday</b>
<b>12 Rabiul Awal</b>	<b>25<sup>th</sup> August, Tuesday</b>
<b>Quaid-E-Azam's Birthday/Christmas Day</b>	<b>25<sup>th</sup> December, Friday</b>

## Departmental Teams

<b>Team of Anatomy Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Team of Physiology Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Team of Biochemistry Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Team of General Medicine Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Team of General Surgery Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Team of Radiology Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Team of Research Methodology &amp; EBM Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Team of Behavioural Sciences Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Communication Skills</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Leadership and Management</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Professionalism</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Quran Kareem</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Islamiyat</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Introduction to Computer</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Expository writing</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

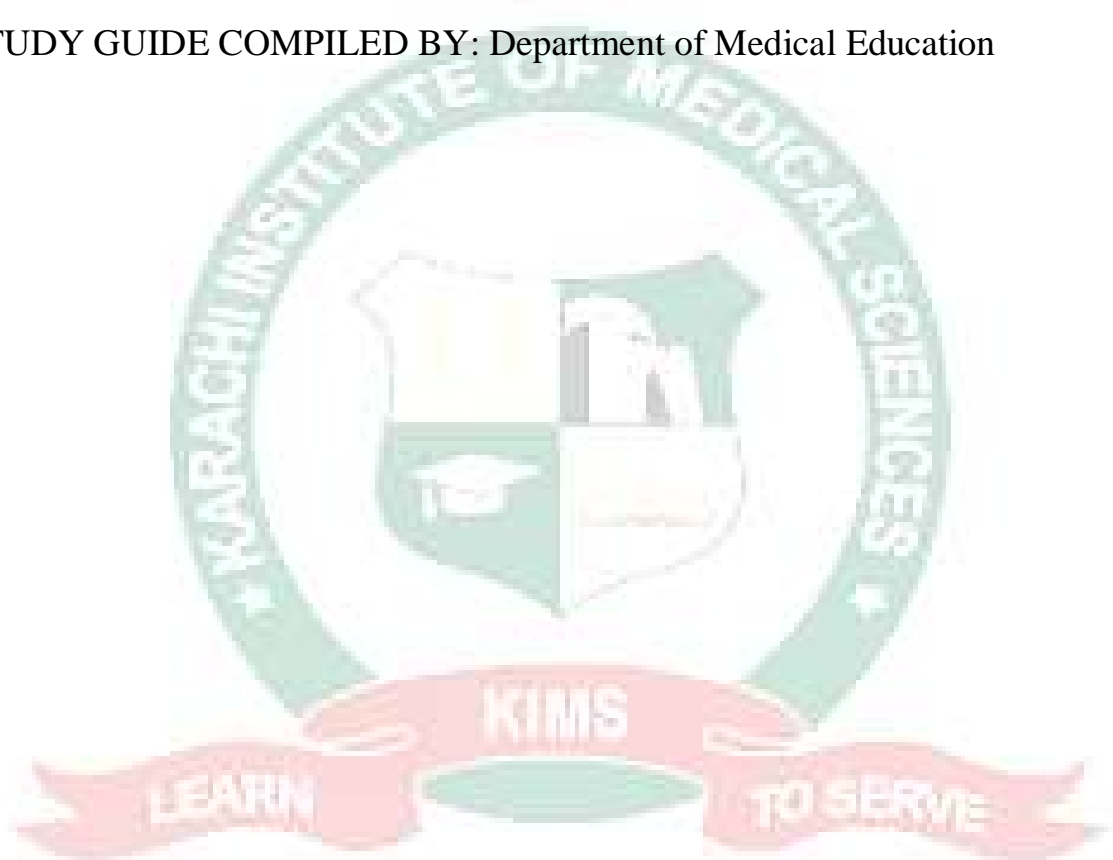
<b>Co-curricular activities/sports</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	

Subject Representative for 1 <sup>st</sup> Year	
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<b>Strategies for Enhanced and Advanced Learning</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

<b>Team of Medical Education Department</b>	
<b>Positions</b>	<b>Name</b>
Head of the Department	
Subject Representative for 1 <sup>st</sup> Year	

STUDY GUIDE COMPILED BY: Department of Medical Education



## **VISION**

To be the best medical university by conducting world-class bio-medical research and creative research activities that develop knowledge and contribute to improving the health care system and social advancement for the people of Pakistan and benefit humanity as a whole with a standard of excellence

## **MISSION**

KIMS aims to produce ethical, knowledgeable, skilled professionals, enhancing community health services, through leadership, evidence-based practice and innovative research.

## **PROGRAM OUTCOMES**

1. Utilize knowledge of basic and clinical sciences for patient care.
2. Take appropriate decisions based on focused history, physical examination, and management plan for common health problems.
3. Demonstrate effective communication with patients, as part of a team and with other healthcare service providers.
4. Demonstrate professional behaviors that embodies lifelong learning by using self-directed learning skills.
5. Identify problems, critically review literature, conduct research and disseminate knowledge
6. Demonstrate leadership and management skills with other team members as per situational needs for quality health service.
7. Apply evidence-based practices for protecting, maintaining and promoting the health of individuals, families and community.

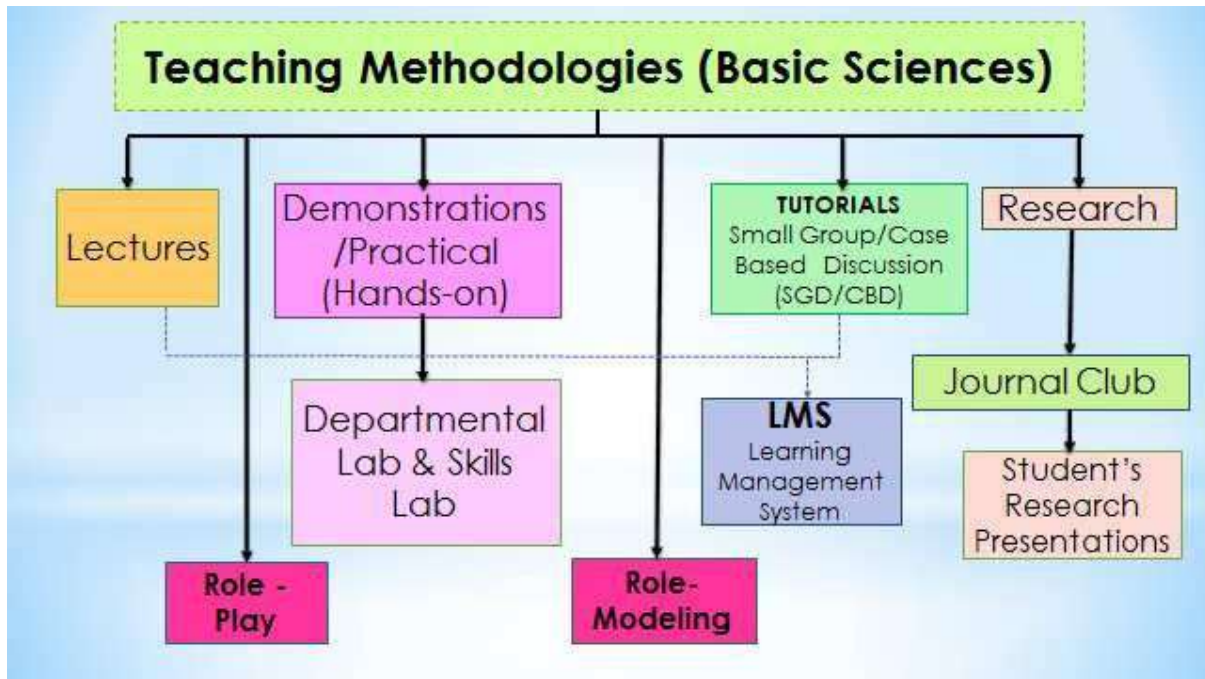
## **SEVEN STAR PMDC COMPETENCIES**

The expected generic competencies in a medical graduate are grouped together under the umbrella of seven-star doctor and are as follows:

1. Knowledgeable
2. Skillful
3. Professional
4. Scholar & Researcher
5. Critical thinker
6. Leader & Role model
7. Community Health Promotor

A 'seven-star doctor' Pakistani medical graduate should be able to demonstrate various attributes as detailed under each competency. These attributes are minimum and not exhaustive by any means.

# Teaching and Learning Methods



Learning Methodologies: The following teaching / learning methods are used to encourage self-directed learning of students

Interactive Lectures Theme-

based learning

Small Group Discussions (Tutorials/ Case- Based Learning) Practical

Skills session

e-Learning through LMS

Self-Learning

## **Interactive Lecture**

A student-centered teaching method that combines brief presentations with active learner participation through questioning, discussions, polls, or short activities. Unlike traditional lectures, interactive lectures aim to engage students, promote critical thinking, and enhance understanding by encouraging two-way communication between teacher and learners.

## **Small Group Discussions**

**Tutorial** is a participative teaching learning method which promotes discussion and better understanding of a topic. Tutorial classes for medical students are imparted to develop and test their own ideas, clarify material presented in lectures, apply general concepts to the solution of specific problems, define new problems and seek solutions to them, hone problem-solving skills and encourage students in self-learning

**Case based learning (CBL)** is very similar to PBL, but focuses on specific patient cases to identify learning objectives. It is also taught using small groups with a tutor to guide group discussions. Uses real or simulated cases

CBL encourages critical thinking, problem-solving, and decision-making

**Theme based Sessions (TBS)** are integrated teaching sessions where multiple subjects are taught together around a single clinical theme (e.g., jaundice). They link basic sciences with clinical application, promoting holistic and contextual learning.

## **Self-Directed Learning (SDL)**

A learning approach where the student takes responsibility for identifying learning needs, finding resources, and evaluating progress, with the teacher only as a facilitator.

## **Directed Self-Learning (DSL)**

A modified form of SDL where the teacher guides the process by giving specific topics, resources, or questions, but students still learn on their own.

**Practicals:** A practical is a 'hand-on' class which allows you apply the theories you are learning in your course in practical situations. For example in a science course, practicals may include conducting experiments in a laboratory.

**Skill Sessions:** The aim of these sessions is to support students to develop skills and awareness of skills that have been identified to the workplace and successful recruitment.

## **Role-Play**

Role play is a learning structure that allows students to immediately apply content as they are put in the role of a decision maker who must make a decision

regarding a policy, resource allocation, or some other outcome

### **Role-Modelling**

Role modeling is a powerful teaching tool for passing on the knowledge, skills, and values of the medical profession, but its net effect on the behavior of students is often negative rather than positive

### **e-Learning through LMS**

**e-learning** is web-based training delivered via the internet or a corporate intranet. A **learning management system (LMS)** is a software application or web-based technology used to plan, implement and assess a specific learning process.

### **Introduction to Learning Management System**

A Learning Management System (LMS) is a web-based platform (also available as software application) which is designed to facilitate the delivery of educational content. LMS is used to streamline the learning process and manage educational resources efficiently.

Key features of LMS at KIMS include:

#### **Lectures:**

Content include lecture slides, recorded video lectures and YouTube links of related content (for animated videos).

#### **Assessment and Evaluation:**

LMS include quizzes, assessments, and assignments.

Automated grading and feedback help in evaluating the learners' progress.

#### **Communication and Collaboration:**

LMS include discussion forums to facilitate interaction between learners and instructors.

# MBBS FIRST YEAR BLOCKS AND MODULES SEQUENCE

<b>BLOCK</b>	<b>DURATION (WEEKS)</b>	<b>MODULES</b>	<b>WEEKS</b>
<b>I</b>	<b>15</b>	<b>I. Foundation – I</b>	<b>2 WEEKS</b>
		<b>II. Cell Structure &amp; Functions</b>	<b>7 WEEKS</b>
		<b>III. MSK – I</b>	<b>5 WEEKS</b>
		<b>EOB</b>	<b>1 WEEK</b>
<b>II</b>	<b>10</b>	<b>I. Cardiovascular System – I</b>	<b>9 WEEKS</b>
		<b>EOB</b>	<b>1 WEEK</b>
<b>III</b>	<b>12</b>	<b>I. Respiratory System – I</b>	<b>4 WEEKS</b>
		<b>II. MSK – II</b>	<b>5 WEEKS</b>
		<b>III. EOB</b>	<b>1 WEEK</b>
		<b>Pre-annual</b>	<b>2 WEEKS</b>

Total Study Weeks: 37 weeks
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# BLOCK -I



Fertilized egg



2-cell stage



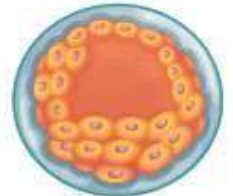
4-cell stage



8-cell stage



16-cell stage



Blastocyst



Foetus 4-weeks



Foetus 10-weeks



Foetus 16-weeks



Foetus 20-weeks

# MODULE – I

# INTRODUCTION TO

# MEDICINE



<b>Module name</b>	Introduction To Medicine
<b>Year</b>	1 <sup>st</sup> Year MBBS, Batch
<b>Duration</b>	2 weeks
<b>Total Contact Hours</b>	<b><u>Anatomy = hours</u></b> Lectures = Small group discussion = Practical = Demonstration=
	<b><u>Physiology = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>Biochemistry = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>General Medicine = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>General Surgery = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Radiology= hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Research Methodology &amp; EBM= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =

	<p><b><u>Behavioral Sciences= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Communication Skills= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Leadership &amp; Management= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Professionalism= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Quran Kareem= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Islamiyat hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Introduction to Computer hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Expository Writing = hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
<b>Module Coordinator</b>	
<b>Year Coordinator</b>	

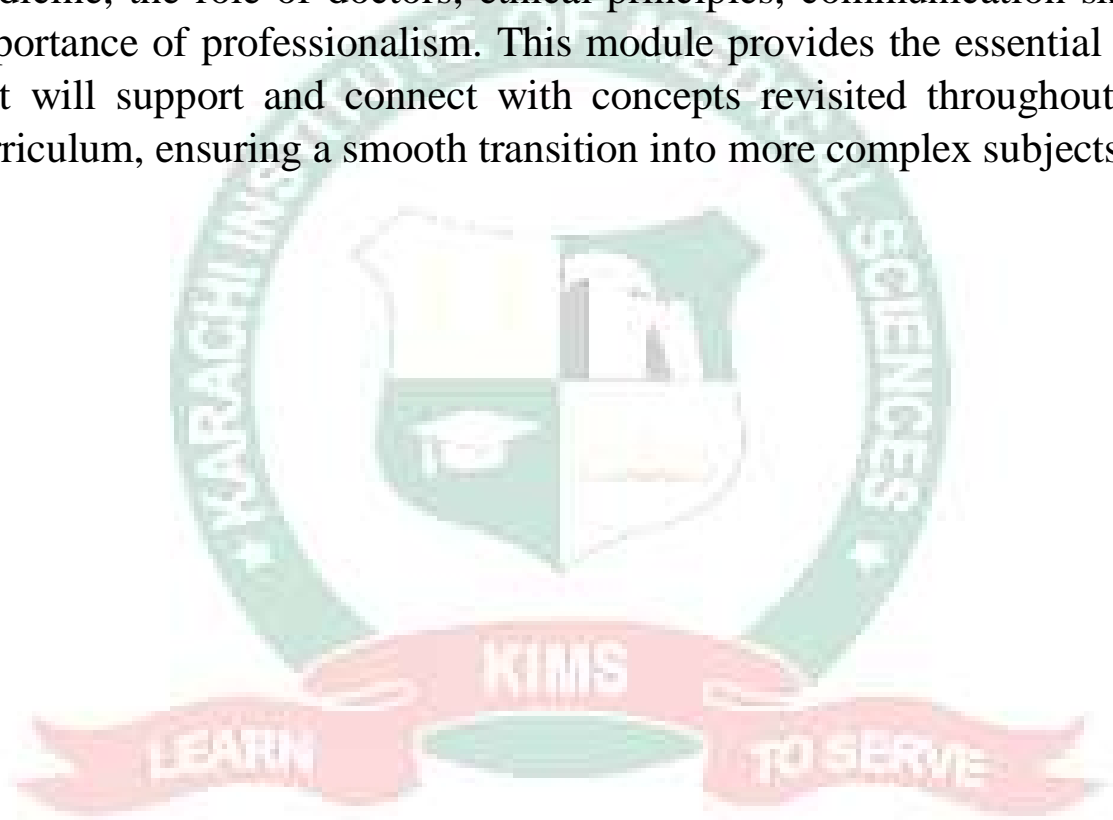
## **Module Learning Outcome:**

By the end of the module, students will be able to;

- Describe main concepts from each of the disciplines taught

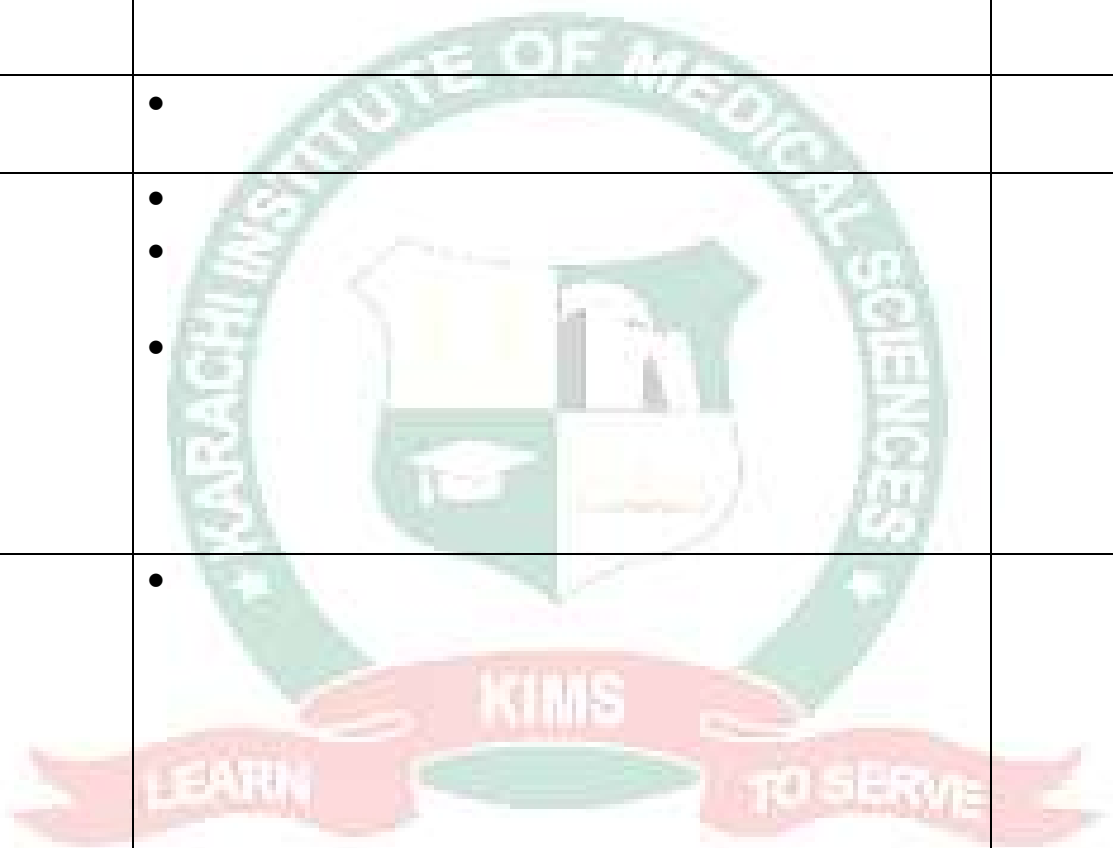
## **Rationale**

The Introduction to Medicine module is designed to familiarize first-year MBBS students with the foundations of the medical profession. Before progressing to advanced organ system modules, students need an orientation to the scope of medicine, the role of doctors, ethical principles, communication skills, and the importance of professionalism. This module provides the essential groundwork that will support and connect with concepts revisited throughout the MBBS curriculum, ensuring a smooth transition into more complex subjects.

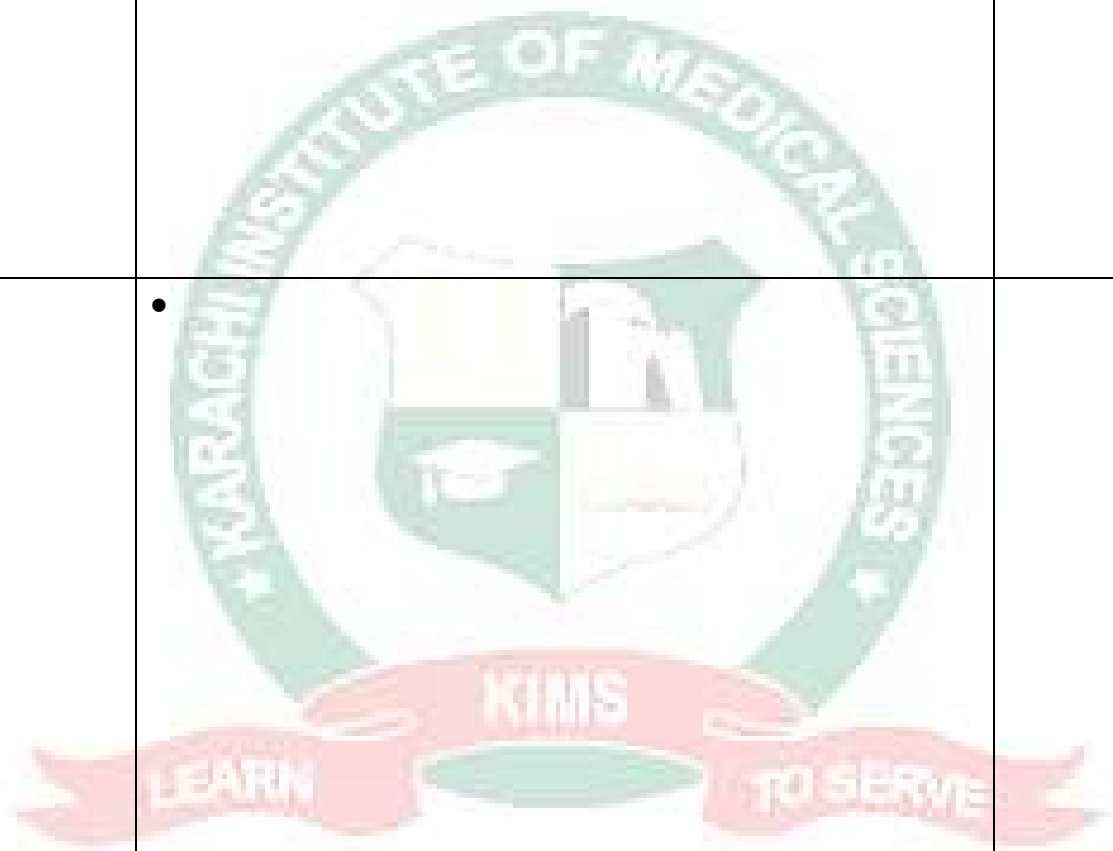



# ANATOMY

GENERAL ANATOMY		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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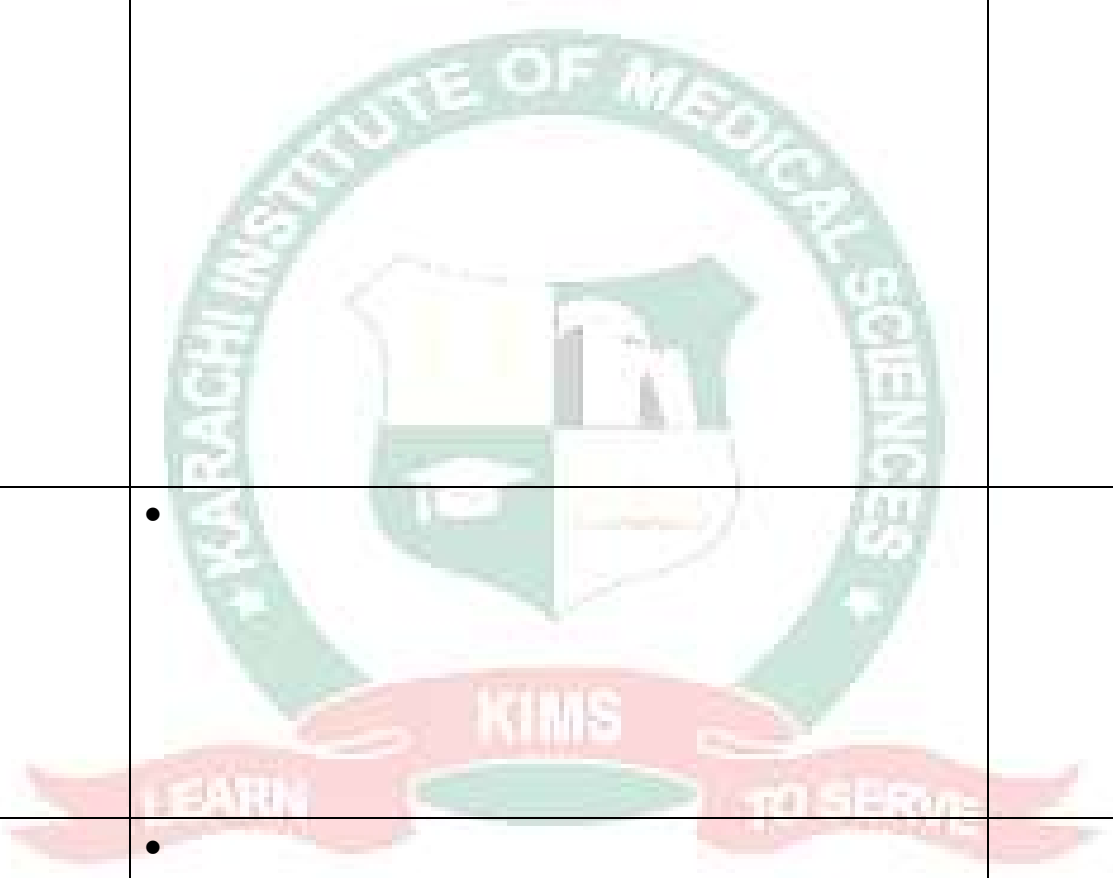


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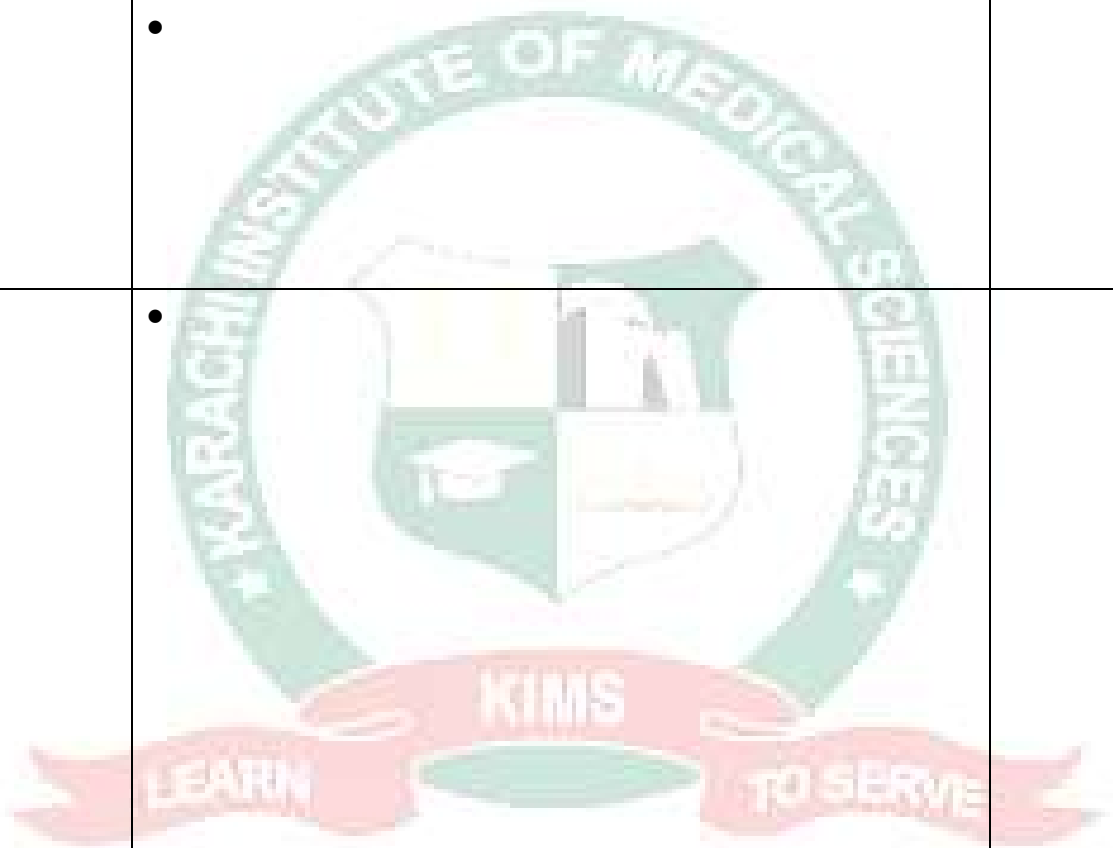


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<b>GENERAL EMBRYOLOGY</b>		
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>	<b>Teaching Strategies</b>
	• LEARN TO SERVE	
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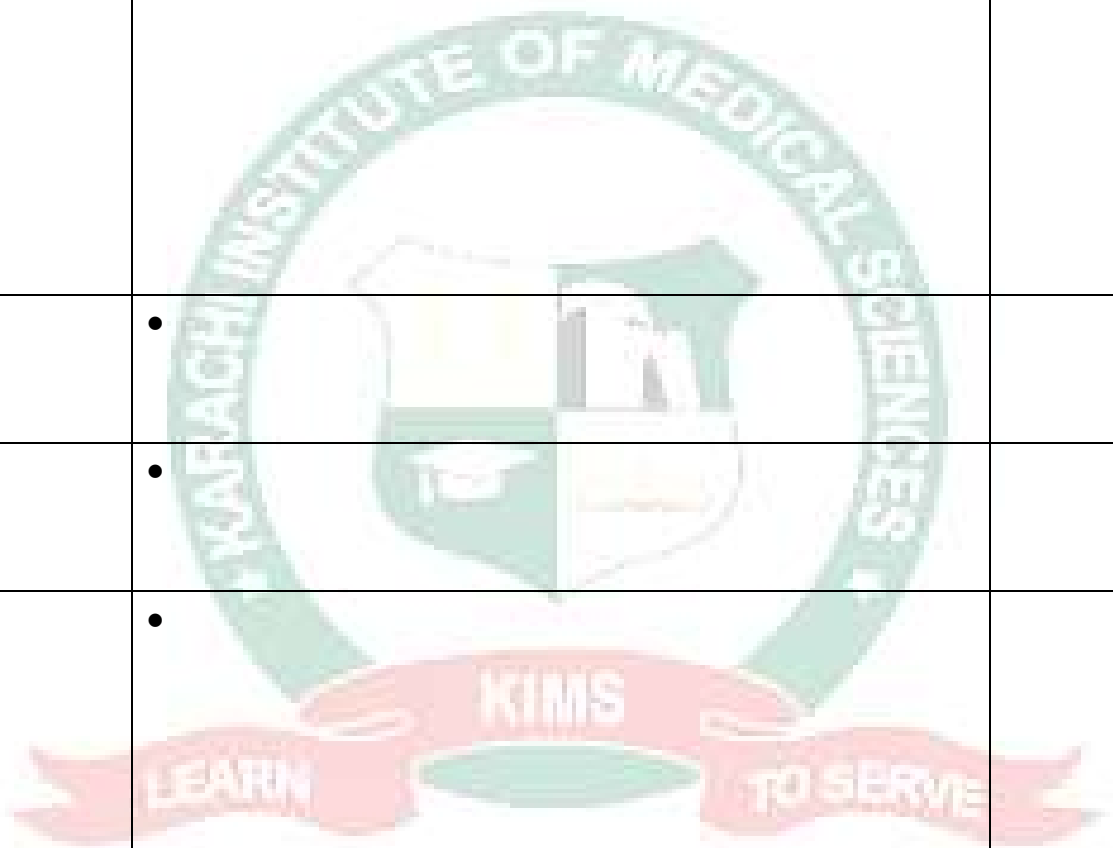
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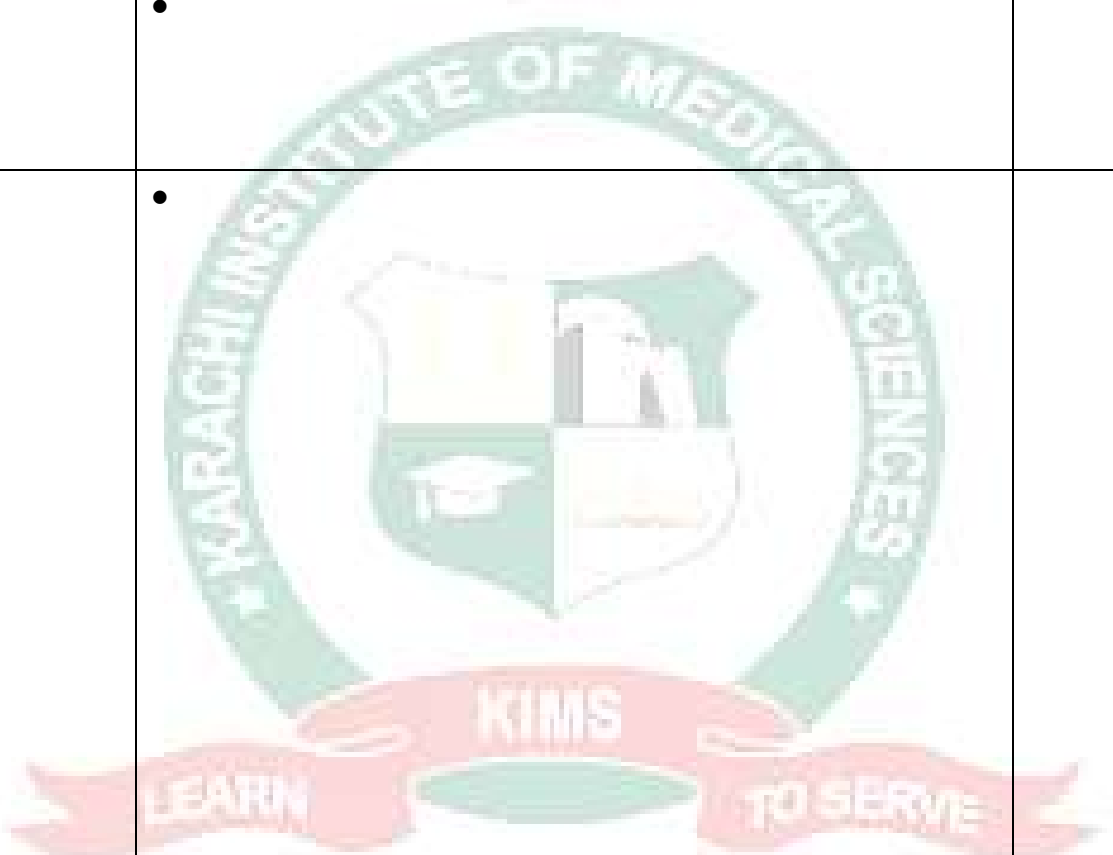


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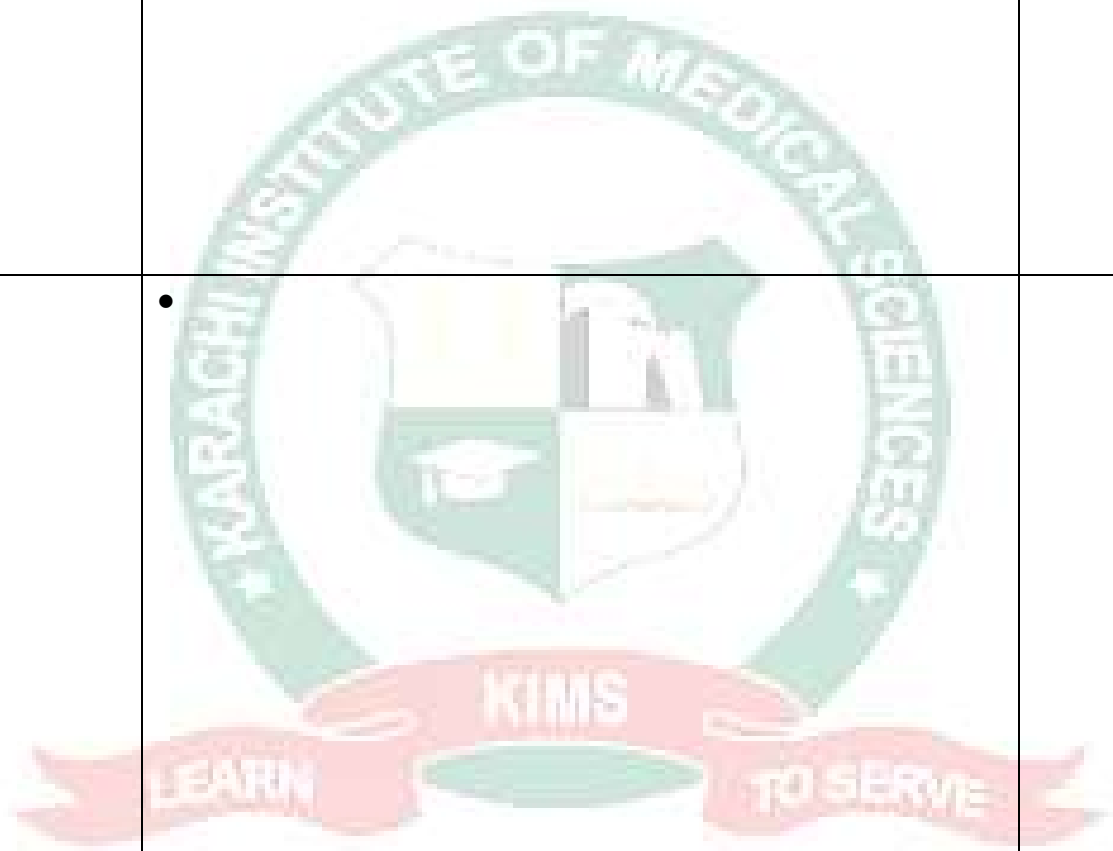


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<b>GENERAL HISTOLOGY</b>		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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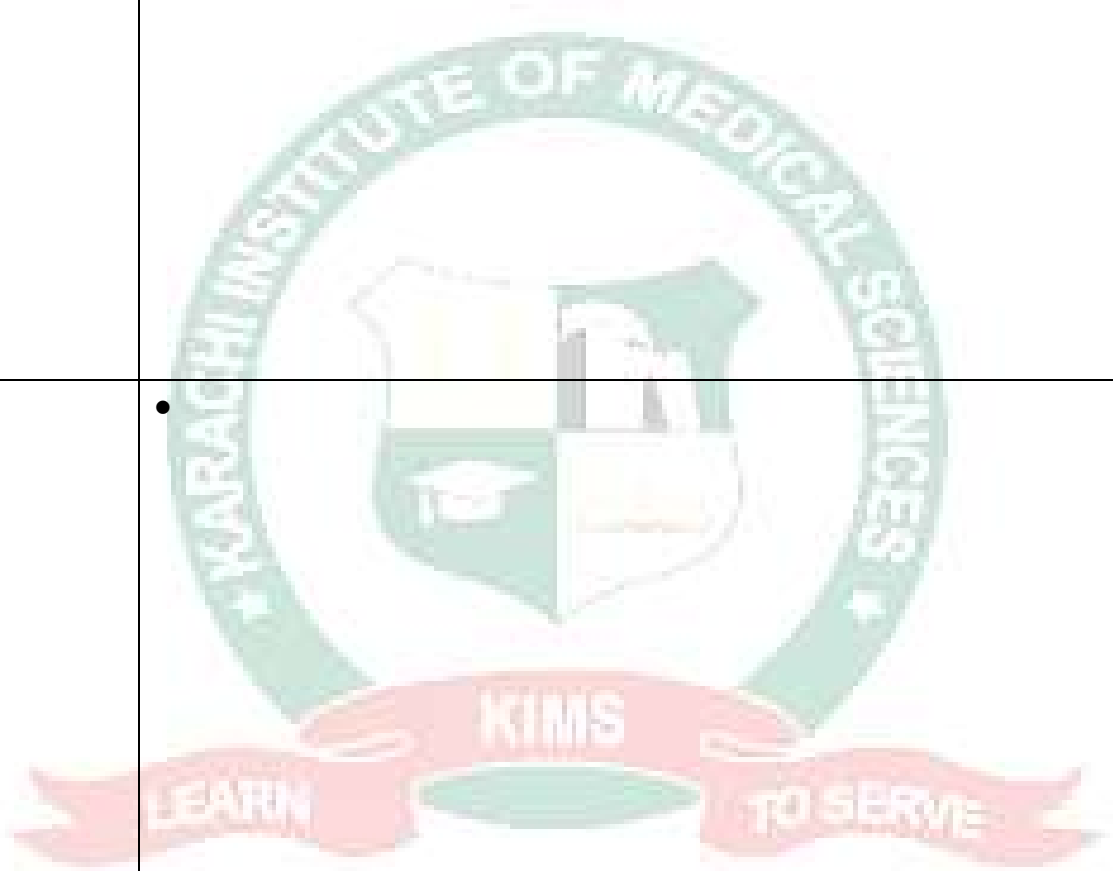
### HISTOLOGY PRACTICALS


Topics of the Module	Objectives: By the end of the module the students will be able to:
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## SMALL GROUP DISCUSSION/ CASE BASED LEARNING

Topics of the Module	Objectives: By the end of the module the students will be able to:
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\*Each Tutorial will be of \_\_\_ hours duration





**PRACTICALS\***

Topics of the Module	Objectives: By the end of the module the students will be able to:
	•

**SMALL GROUP DISCUSSION/ CASE BASED LEARNING**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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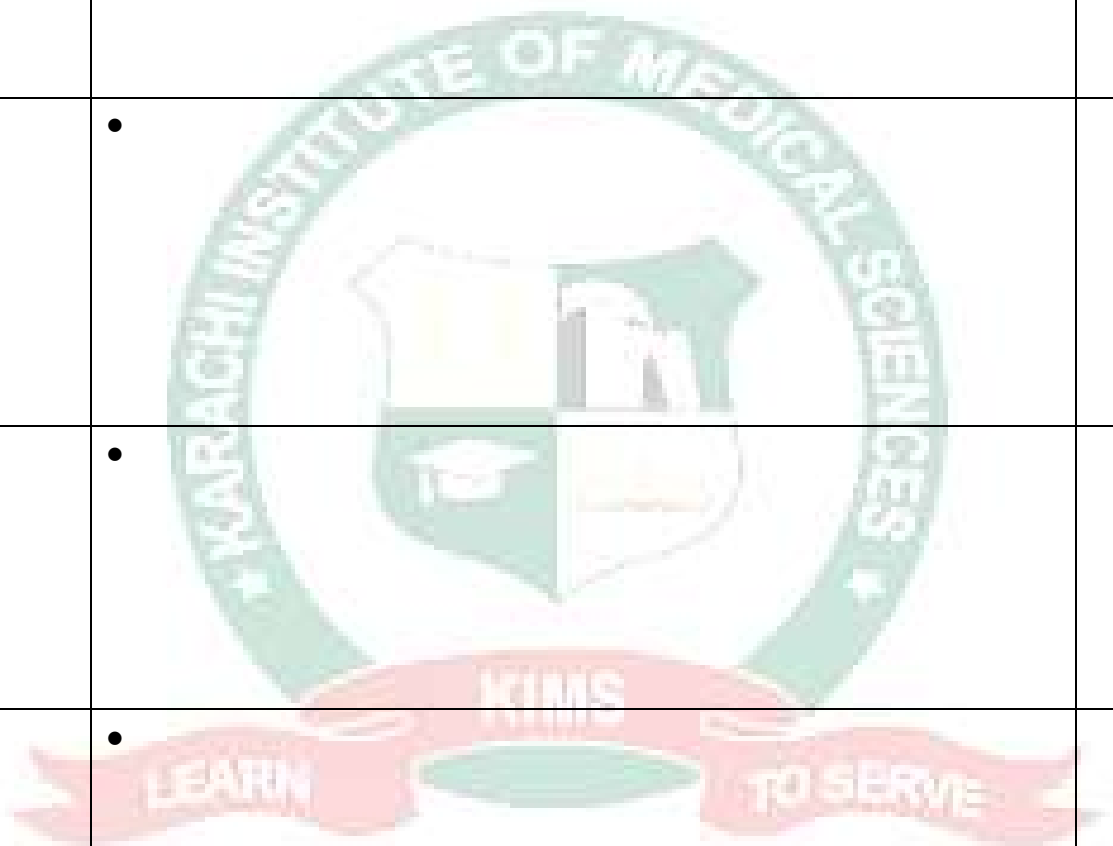
# BIOCHEMISTRY

Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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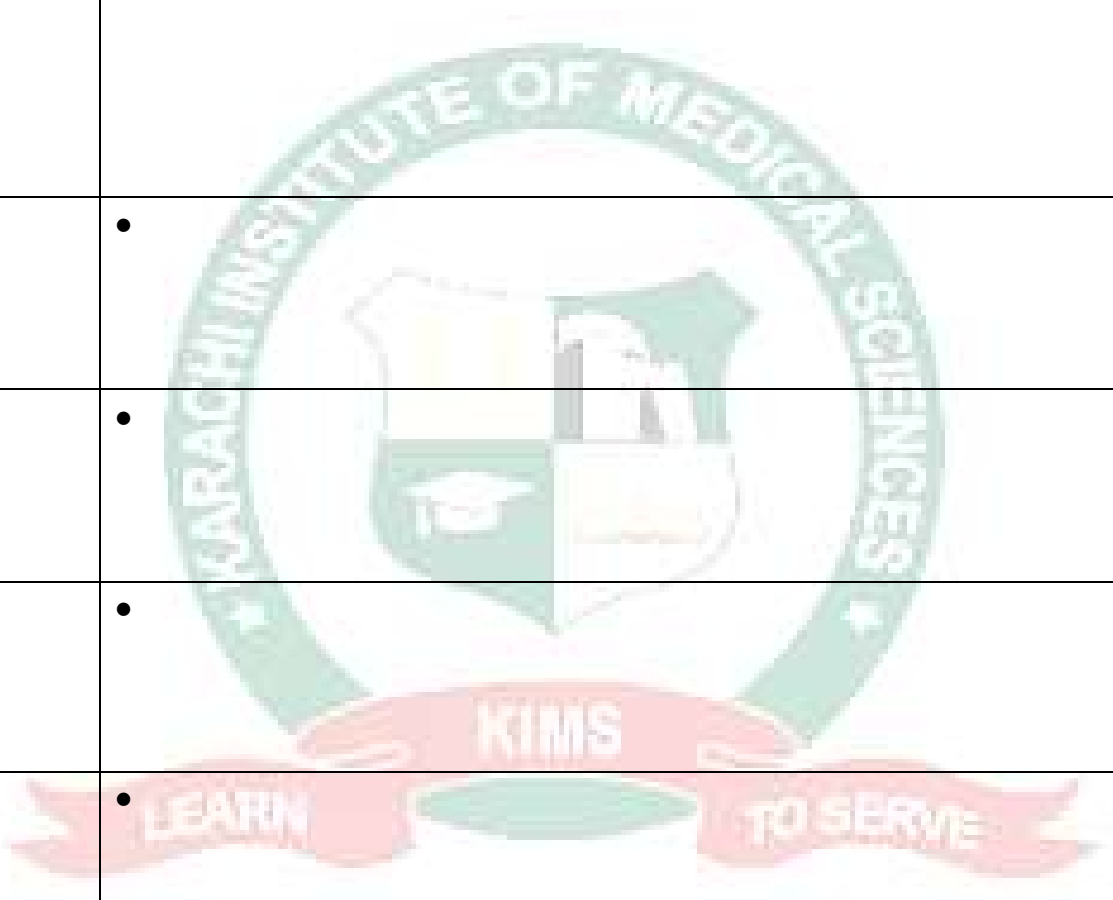


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**PRACTICALS**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**SMALL GROUP DISCUSSION/ CASE BASED LEARNING**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**GENERAL MEDICINE**

Topic	Learning Objectives	Teaching Strategies
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## GENERAL SURGERY

Topic	Learning Objectives	Teaching Strategies
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## BASIC OF RADIOLOGY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## RESEARCH METHODOLOGY & EBM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## SKILL SESSIONS

SKILL LAB		
Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

## THEME BASED SESSIONS

Topic	Learning Objectives

## BEHAVIOURAL SCIENCES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

## COMMUNICATION SKILLS

Topic	Learning Objectives	Teaching Strategies

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## LEADERSHIP & MANAGEMENT

Topic	Learning Objectives	Teaching Strategies
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## PROFESSIONALISM

Topic	Learning Objectives	Teaching Strategies
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## PAKISTAN STUDIES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	

## QURAN KAREEM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	

## ISLAMIYAT

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	

## INTRODUCTION TO COMPUTER

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

## EXPOSITORY WRITING

Topic	Learning Objectives	Teaching Strategies
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# STRATEGIES FOR ENHANCED AND ADVANCED LEARNING

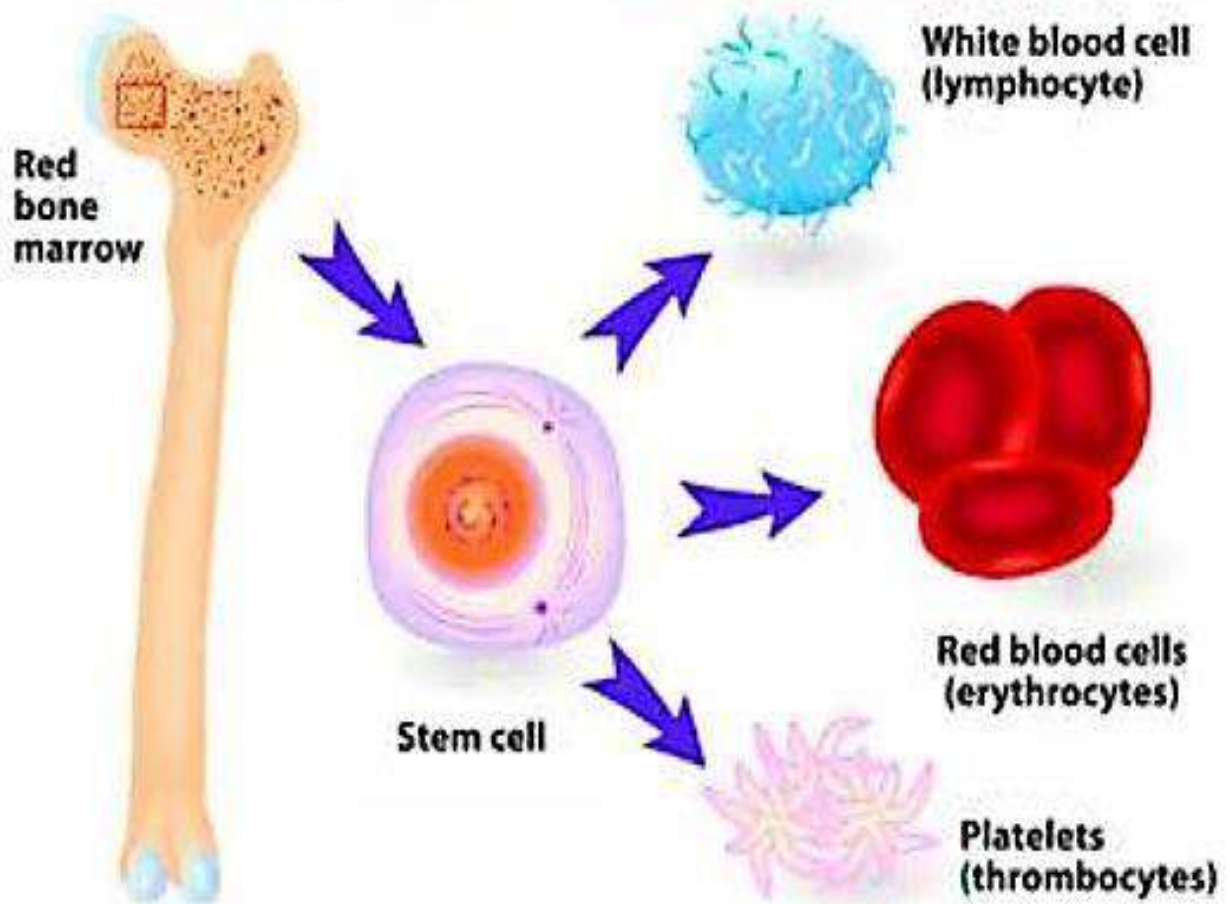
Topic	Learning Objectives	Teaching Strategies
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## CO-CURRICULAR ACTIVITIES/SPORTS

ACTIVITIES	DETAILS	DATES
	<ul style="list-style-type: none"><li></li></ul>	

# Module - II<sub>I</sub>

# CELL STRUCTURE & FUNCTIONS



<b>Module name</b>	Cell Structure & Function Module
<b>Year</b>	1 <sup>st</sup> Year MBBS, Batch
<b>Duration</b>	7 weeks
<b>Total Contact Hours</b>	<b><u>Anatomy = hours</u></b> Lectures = Small group discussion = Practical = Demonstration=
	<b><u>Physiology = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>Biochemistry = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>General Medicine = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>General Surgery = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Radiology= hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Research Methodology &amp; EBM= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =
	<b><u>Behavioural Sciences= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =

	<p><b><u>Communication Skills= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Leadership &amp; Management= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Professionalism= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Quran Kareem= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Islamiyat= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Introduction to Computer hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Expository Writing = hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
<b>Module Coordinator</b>	
<b>Year Coordinator</b>	

### **Module Learning Outcome:**

At the end of the module, students will be able to:

- Explain the structure and function of the cell and apply this knowledge to understand the cellular basis of health and disease.

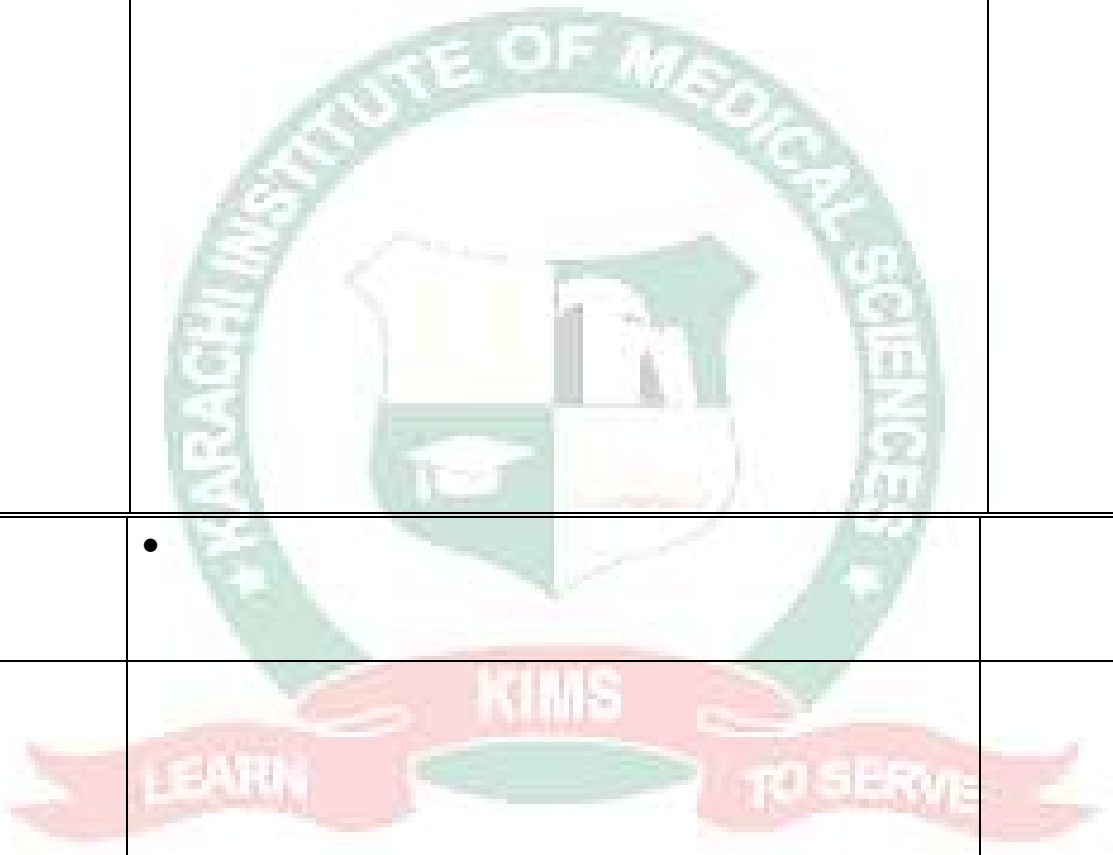
### **Rationale:**

The cell is the basic unit of life and the foundation for understanding all biological

processes. Many diseases originate from cellular dysfunction, such as genetic mutations, abnormal growth, or impaired organelle activity. This module equips students with essential knowledge of cell structure and function to build a strong basis for understanding disease mechanisms in a clinical context.

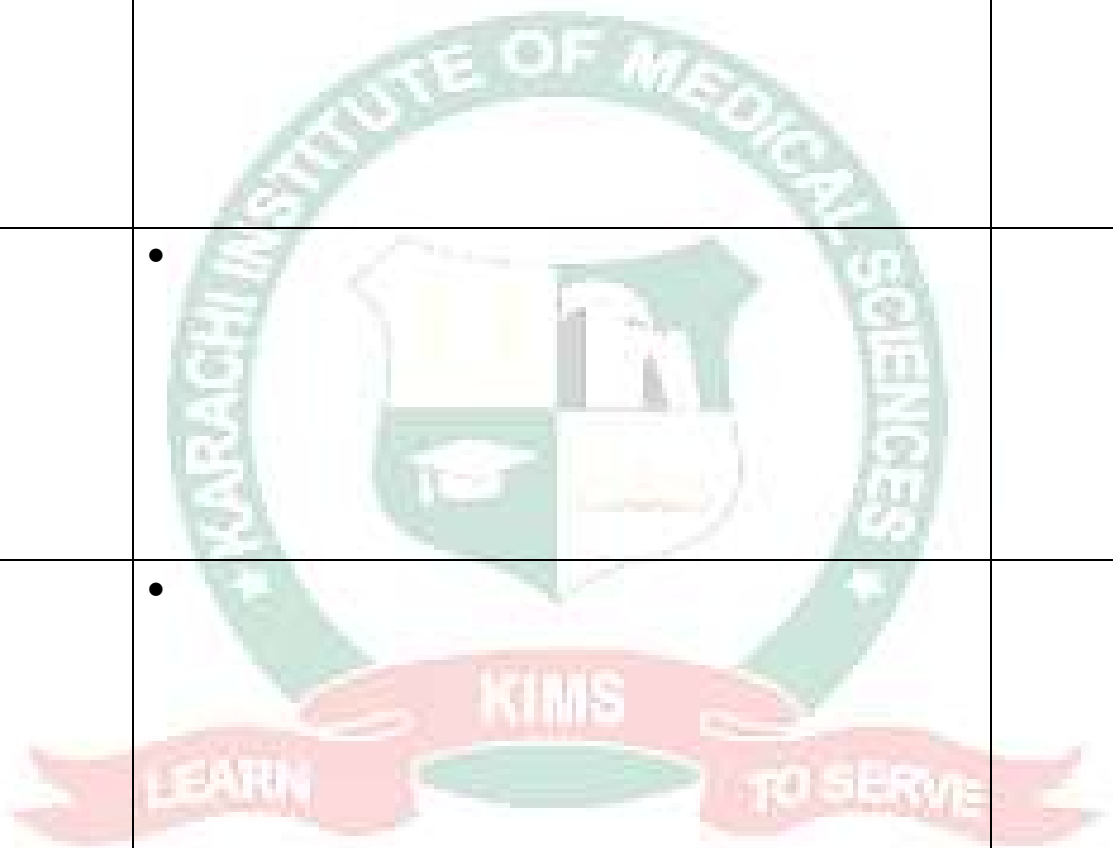
GENERAL ANATOMY		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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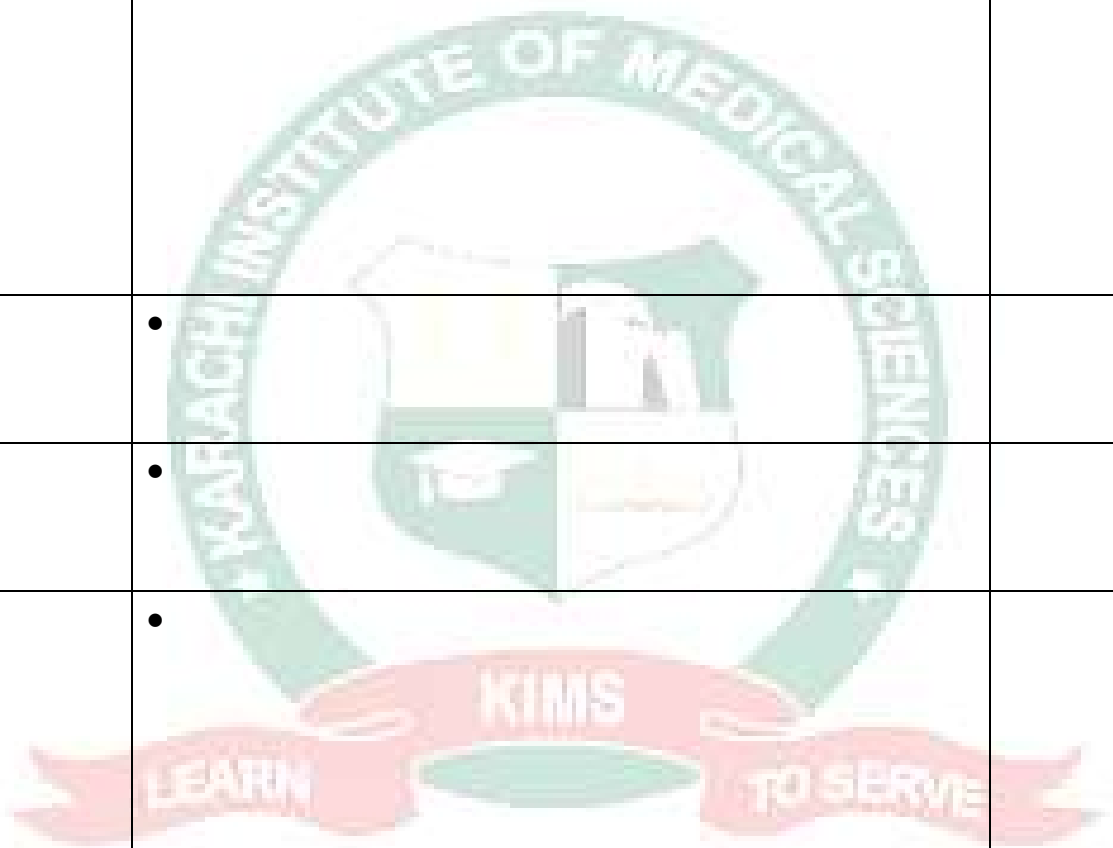
<b>GENERAL EMBRYOLOGY</b>		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	
	<ul style="list-style-type: none"> <li>•</li> </ul>	
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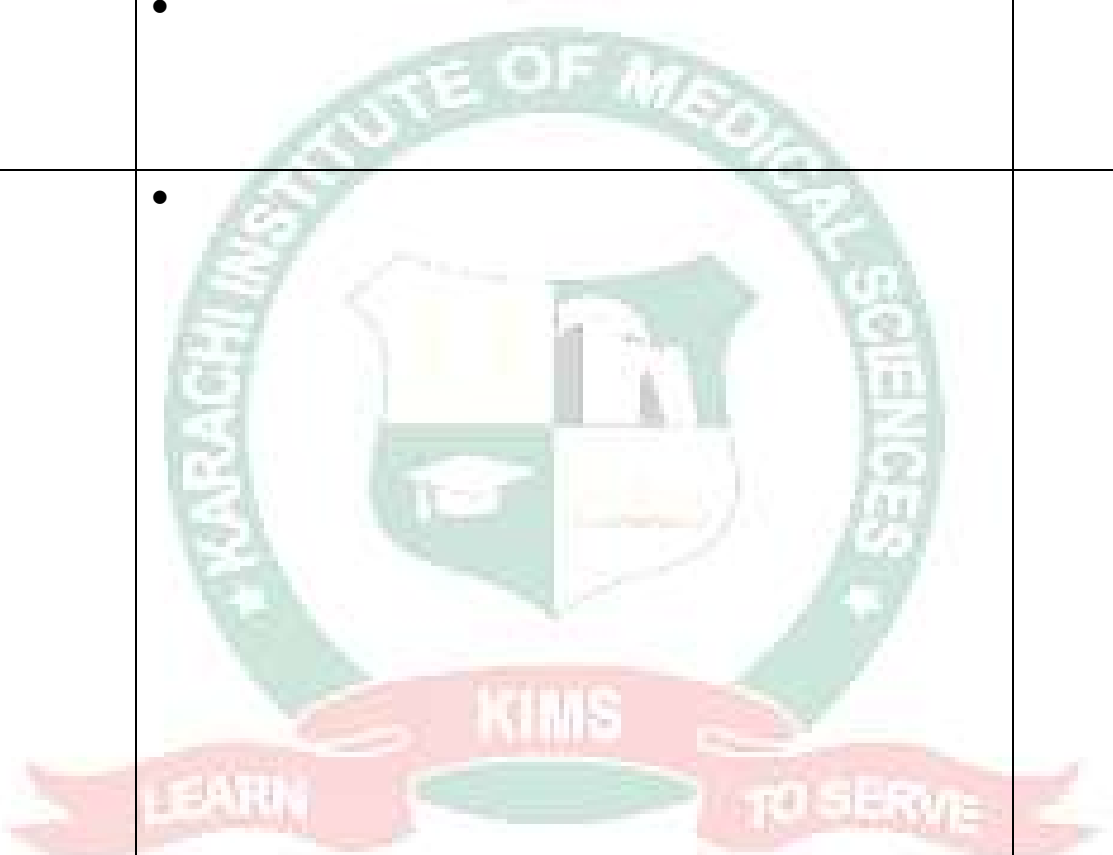
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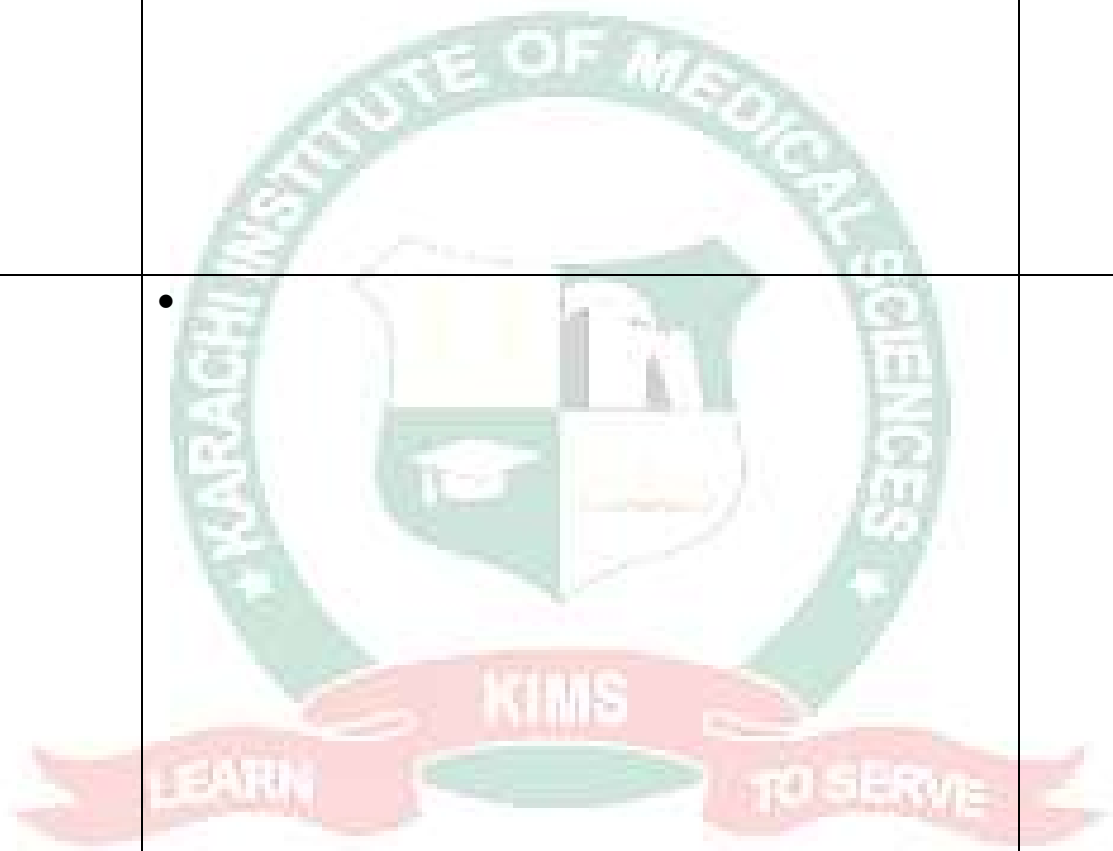


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<b>GENERAL HISTOLOGY</b>		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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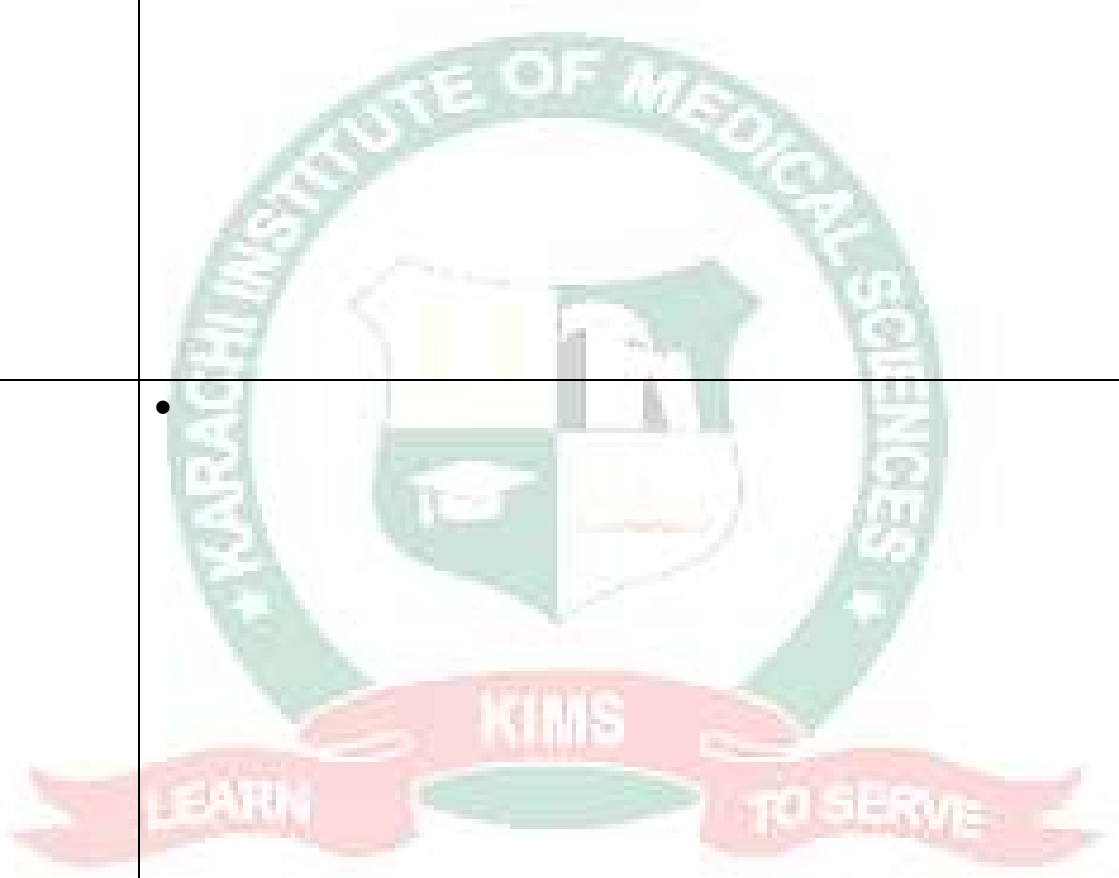
### HISTOLOGY PRACTICALS


Topics of the Module	Objectives: By the end of the module the students will be able to:
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## SMALL GROUP DISCUSSION/ CASE BASED LEARNING

Topics of the Module	Objectives: By the end of the module the students will be able to:
	<ul style="list-style-type: none"><li>•</li></ul>
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\*Each Tutorial will be of \_\_\_ hours duration





**PRACTICALS\***

Topics of the Module	Objectives: By the end of the module the students will be able to:
	<ul style="list-style-type: none"> <li>•</li> </ul>

**SMALL GROUP DISCUSSION/ CASE BASED LEARNING**

Topics of the Module	Objectives: By the end of the module the students will be able to:
	<ul style="list-style-type: none"> <li>•</li> </ul>
	<ul style="list-style-type: none"> <li>•</li> </ul>
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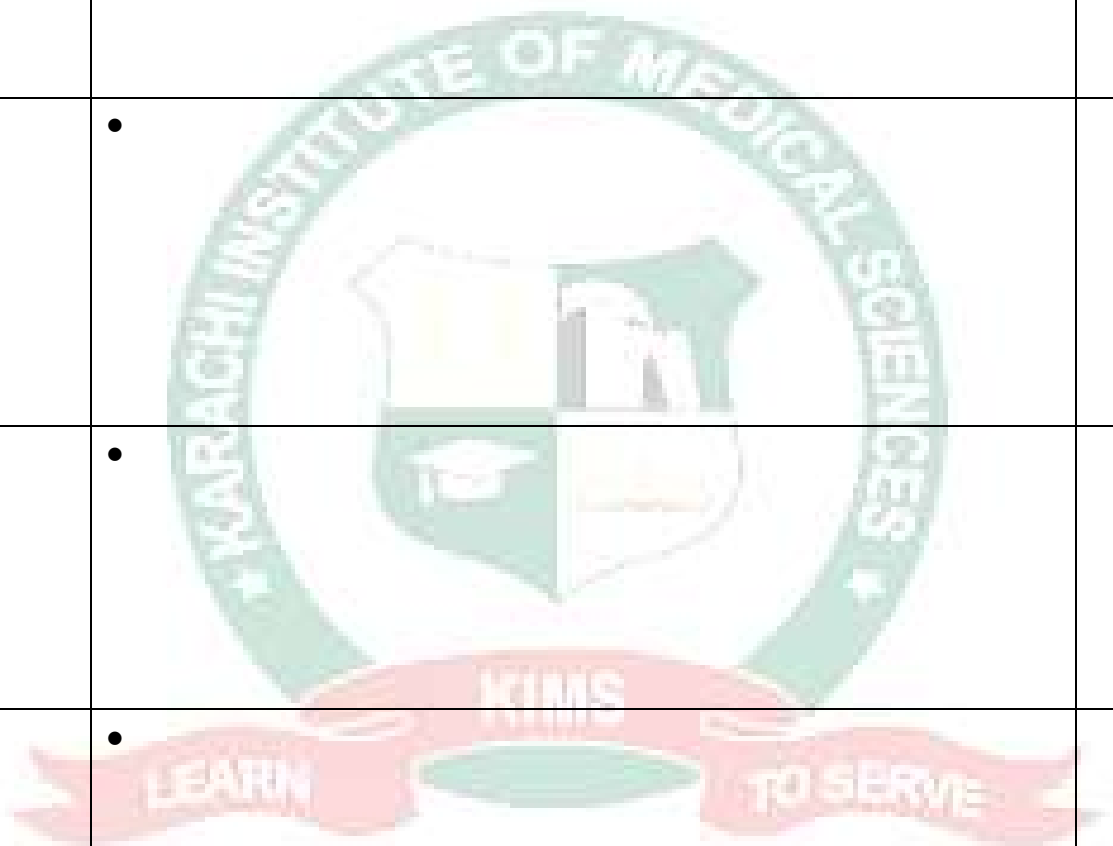
# BIOCHEMISTRY

Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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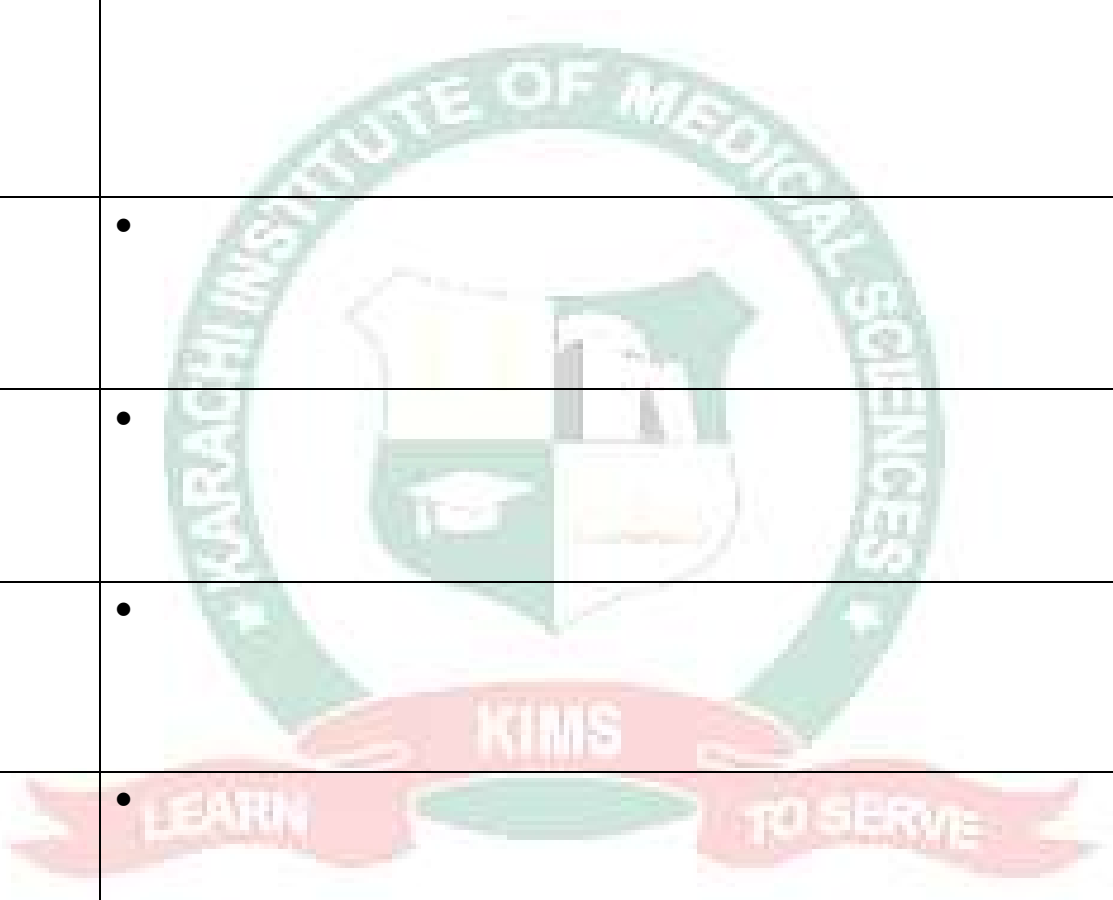


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**PRACTICALS**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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## SMALL GROUP DISCUSSION/ CASE BASED LEARNING

Topics of the Module	Objectives: By the end of the module the students will be able to:
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## GENERAL MEDICINE

Topic	Learning Objectives	Teaching Strategies
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## GENERAL SURGERY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## BASIC OF RADIOLOGY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## RESEARCH METHODOLOGY & EBM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## SKILL SESSIONS


### SKILL LAB

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## THEME BASED SESSIONS

Topic	Learning Objectives
	

## BEHAVIOURAL SCIENCES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul> 	

## COMMUNICATION SKILLS

Topic	Learning Objectives	Teaching Strategies
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## LEADERSHIP & MANAGEMENT

Topic	Learning Objectives	Teaching Strategies
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## PROFESSIONALISM

Topic	Learning Objectives	Teaching Strategies
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## PAKISTAN STUDIES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	

## QURAN KAREEM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	

## ISLAMIYAT

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	

## INTRODUCTION TO COMPUTER

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

## EXPOSITORY WRITING

Topic	Learning Objectives	Teaching Strategies
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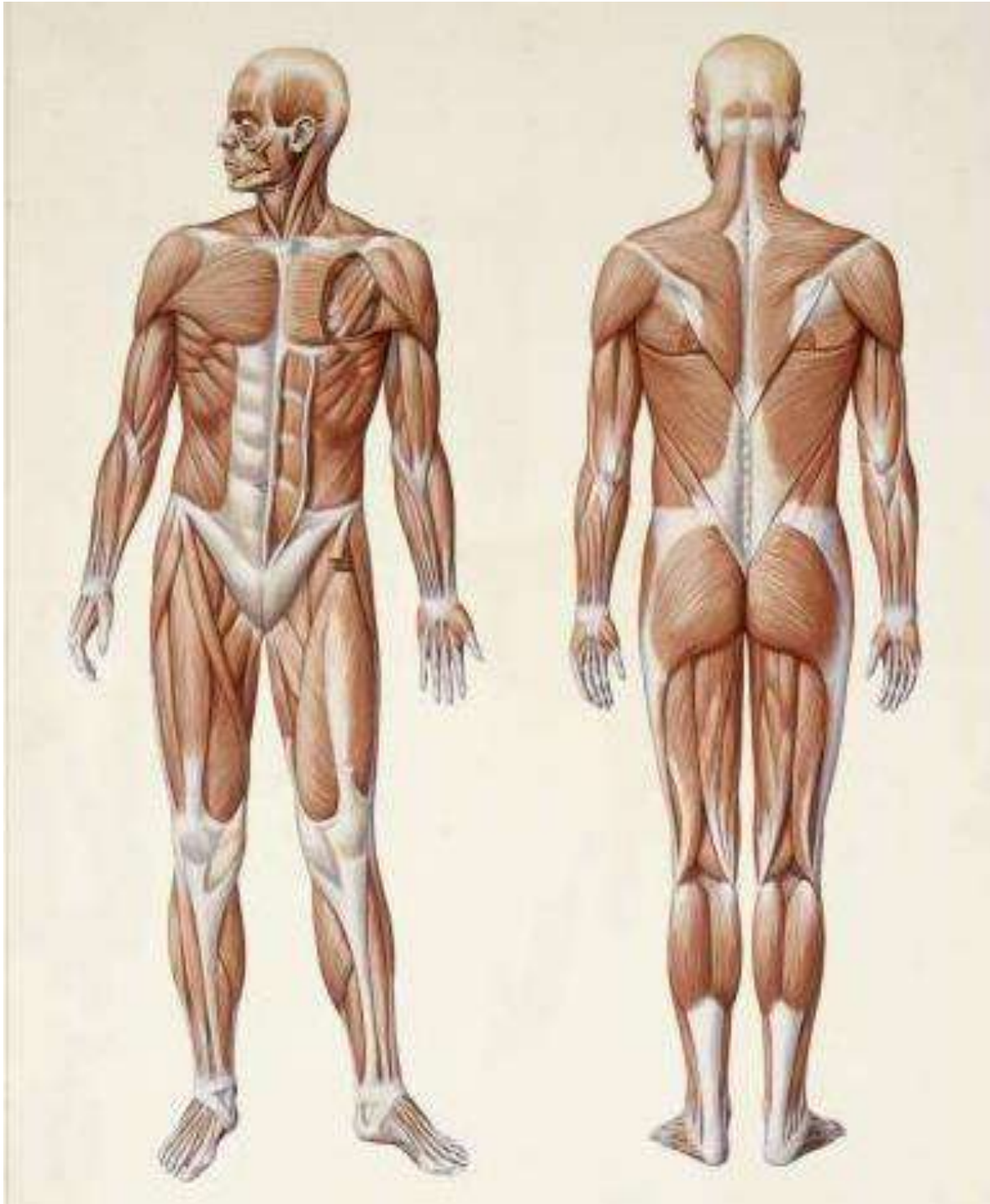
## STRATEGIES FOR ENHANCED AND ADVANCED LEARNING

Topic	Learning Objectives	Teaching Strategies
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## CO-CURRICULAR ACTIVITIES/SPORTS

ACTIVITIES	DETAILS	DATES
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# MSK-I Module



<b>Module name</b>	
<b>Year</b>	1 <sup>st</sup> Year MBBS, Batch
<b>Duration</b>	5 weeks
<b>Total Contact Hours</b>	<b><u>Anatomy = hours</u></b> Lectures = Small group discussion = Practical = Demonstration=
	<b><u>Physiology = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>Biochemistry = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>General Medicine = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>General Surgery = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Radiology= hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Research Methodology &amp; EBM= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =
	<b><u>Behavioral Sciences= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =

	<p><b><u>Communication Skills= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Leadership &amp; Management= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Professionalism= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Quran Kareem= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Islamiyat hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Introduction to Computer hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Expository Writing = hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
<b>Module Coordinator</b>	
<b>Year Coordinator</b>	

## Module Learning Outcome:

By the end of this module, students will be able to explain the normal structure and function of the musculoskeletal system as a foundation for understanding related disorders in later modules.

## Rationale:

The Musculoskeletal – I module introduces students to the fundamental structure and

functions of bones, joints, and muscles. A clear understanding of normal anatomy and physiology is essential before exploring clinical conditions such as fractures, arthritis, and muscular disorders. This foundation will enable students to integrate basic sciences with clinical relevance and prepare them for more advanced musculoskeletal concepts in later modules.

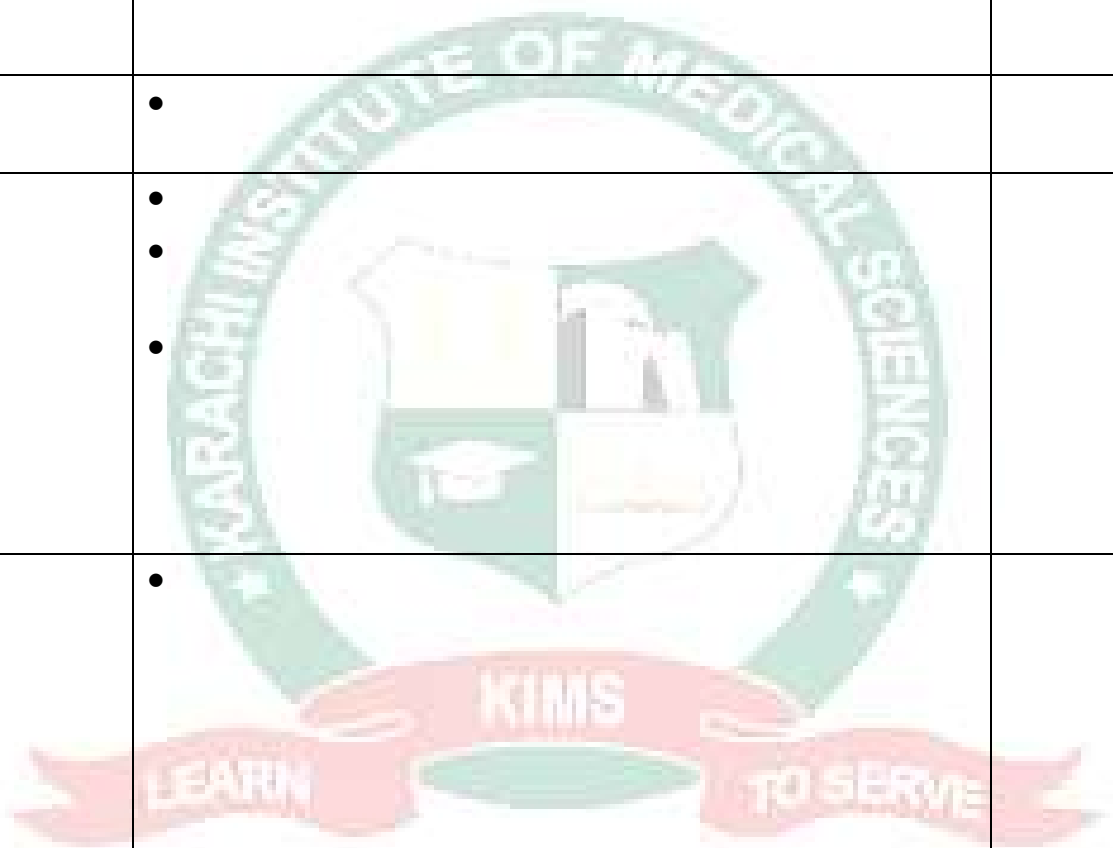


curriculum, ensuring a smooth transition into more complex subjects.




# ANATOMY

GENERAL ANATOMY		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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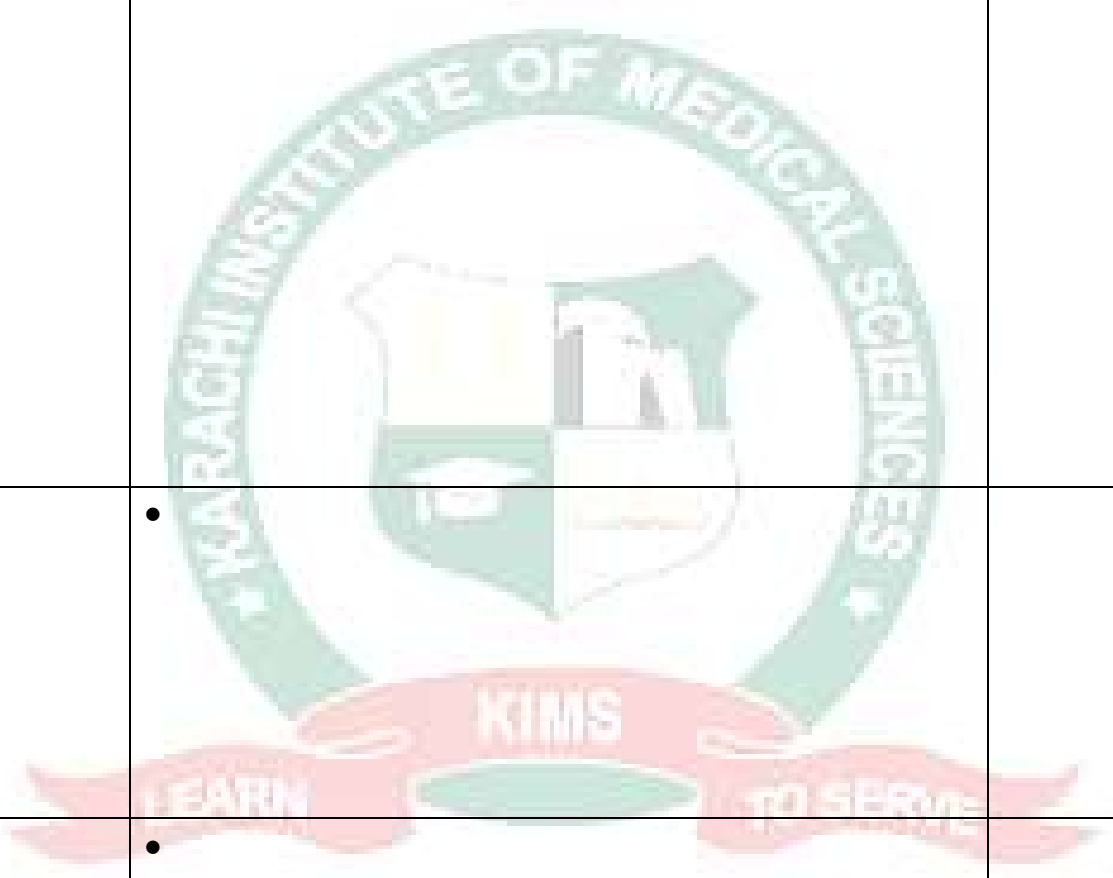


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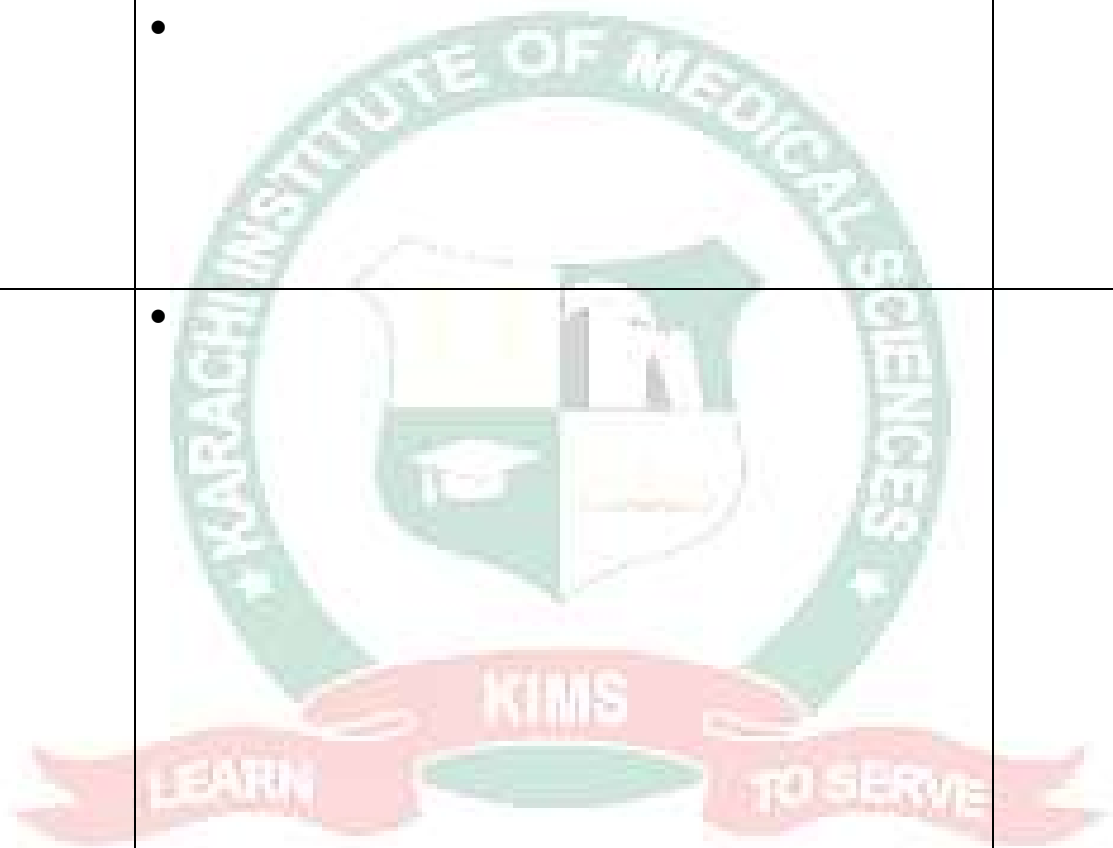


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<b>GENERAL EMBRYOLOGY</b>		
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>	<b>Teaching Strategies</b>
	• LEARN TO SERVE	
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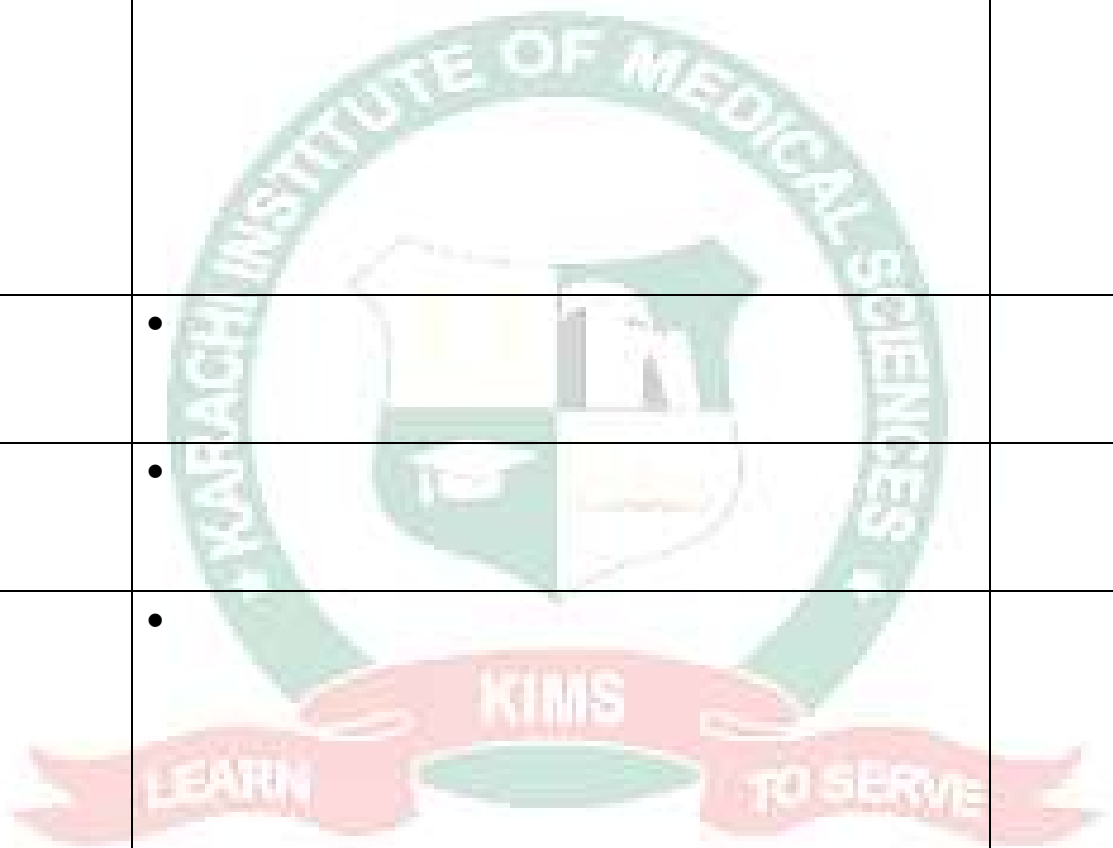
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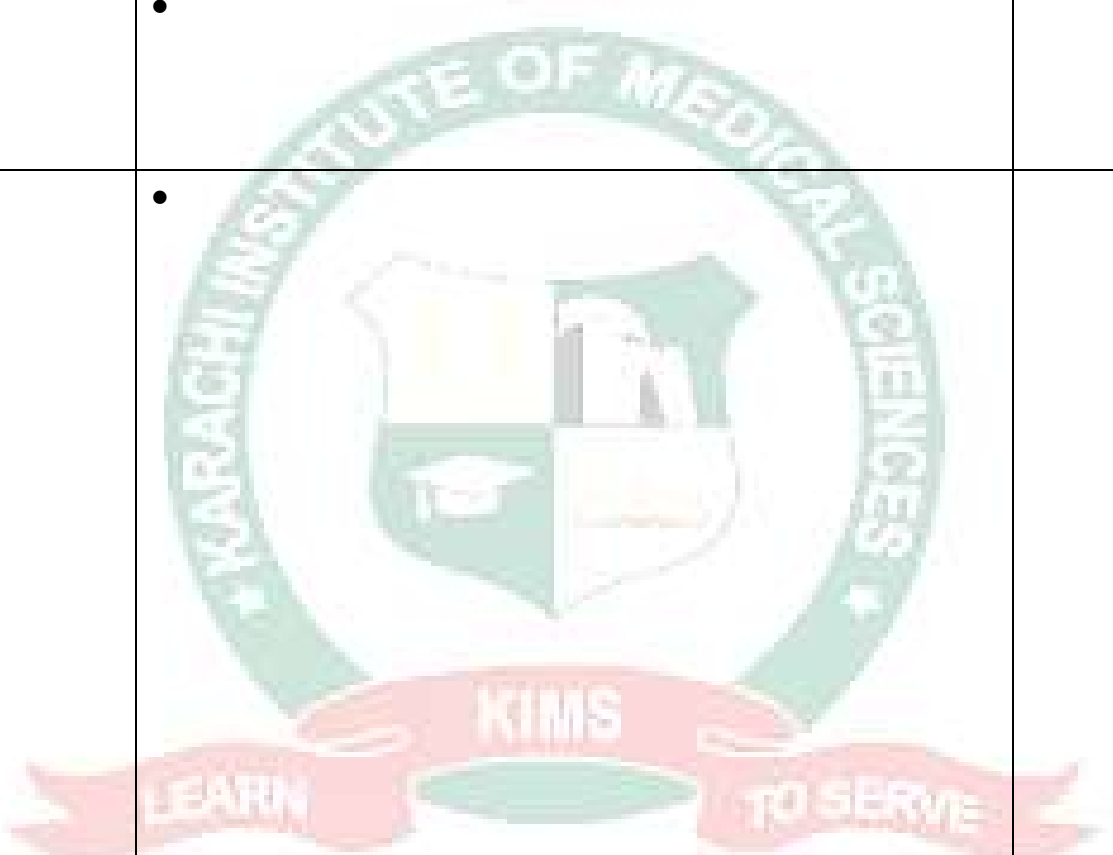


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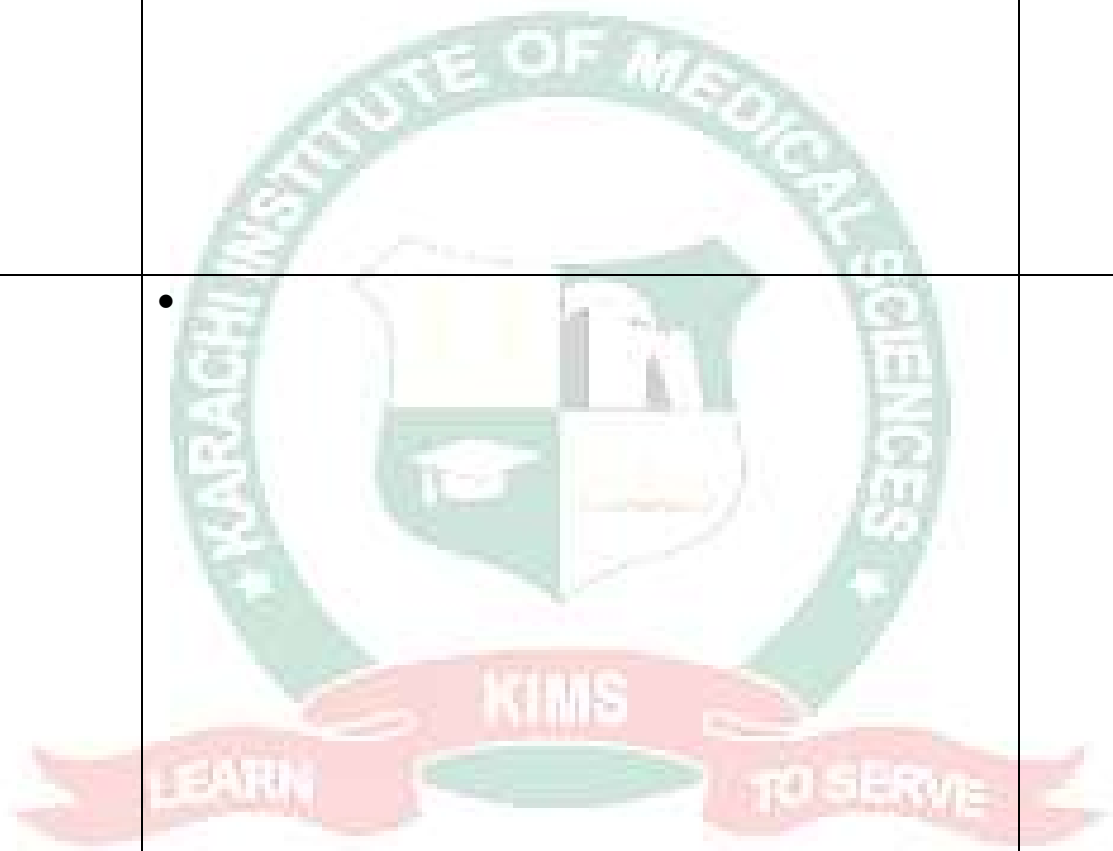


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<b>GENERAL HISTOLOGY</b>		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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### HISTOLOGY PRACTICALS

Topics of the Module	Objectives: By the end of the module the students will be able to:
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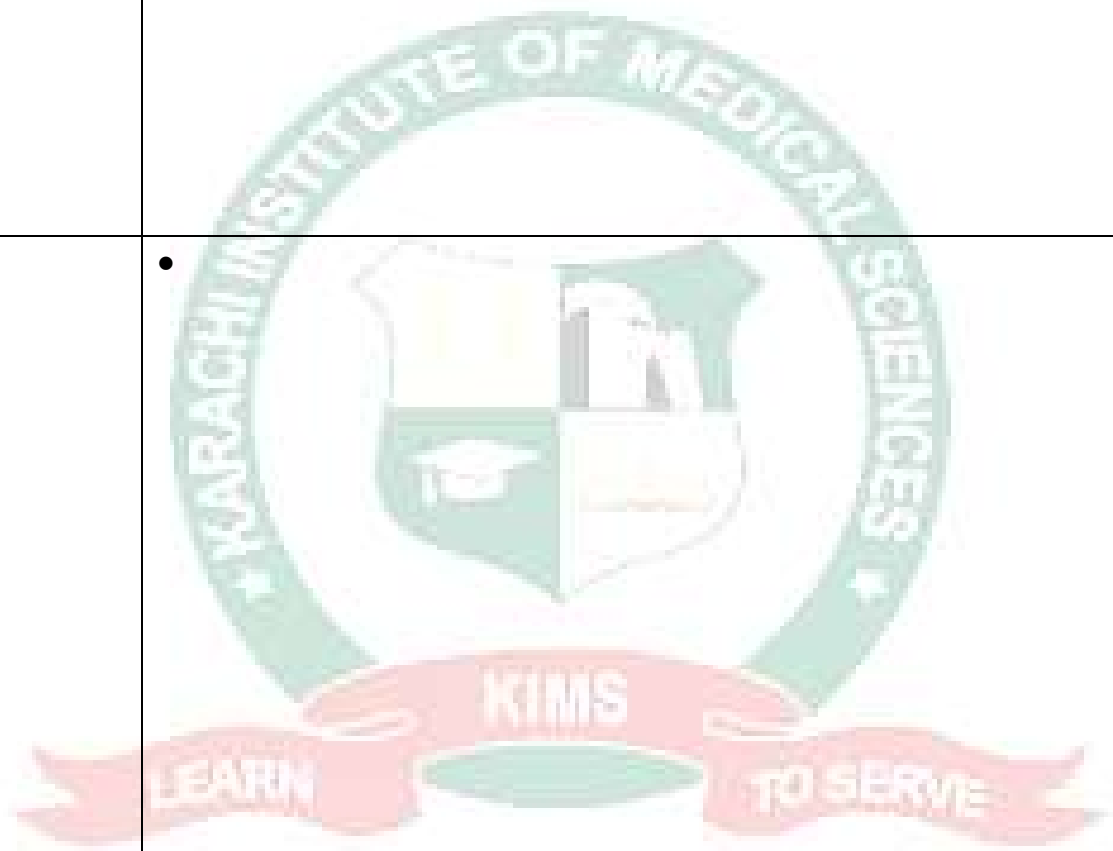
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## SMALL GROUP DISCUSSION/ CASE BASED LEARNING

Topics of the Module	Objectives: By the end of the module the students will be able to:
	<ul style="list-style-type: none"><li>•</li></ul>
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\*Each Tutorial will be of \_\_\_ hours duration





<b>PRACTICALS*</b>	
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>
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<b>SMALL GROUP DISCUSSION/ CASE BASED LEARNING</b>	
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>
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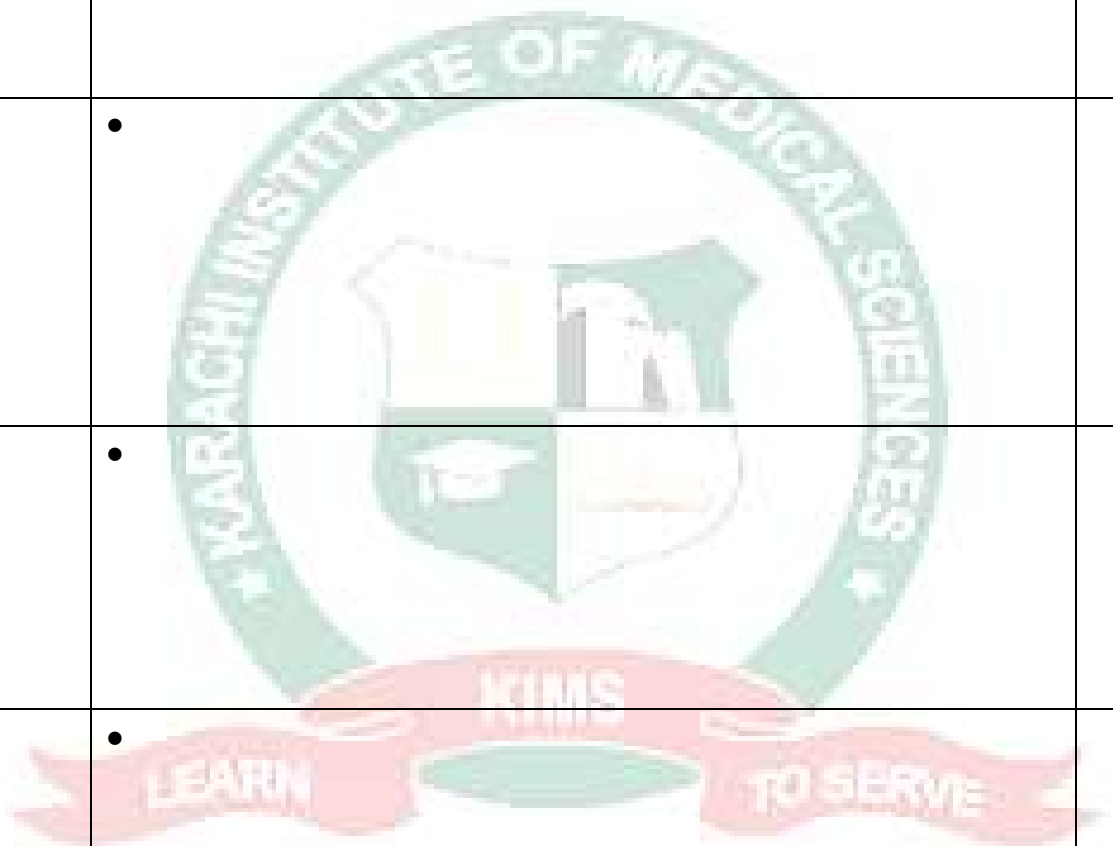
# BIOCHEMISTRY

Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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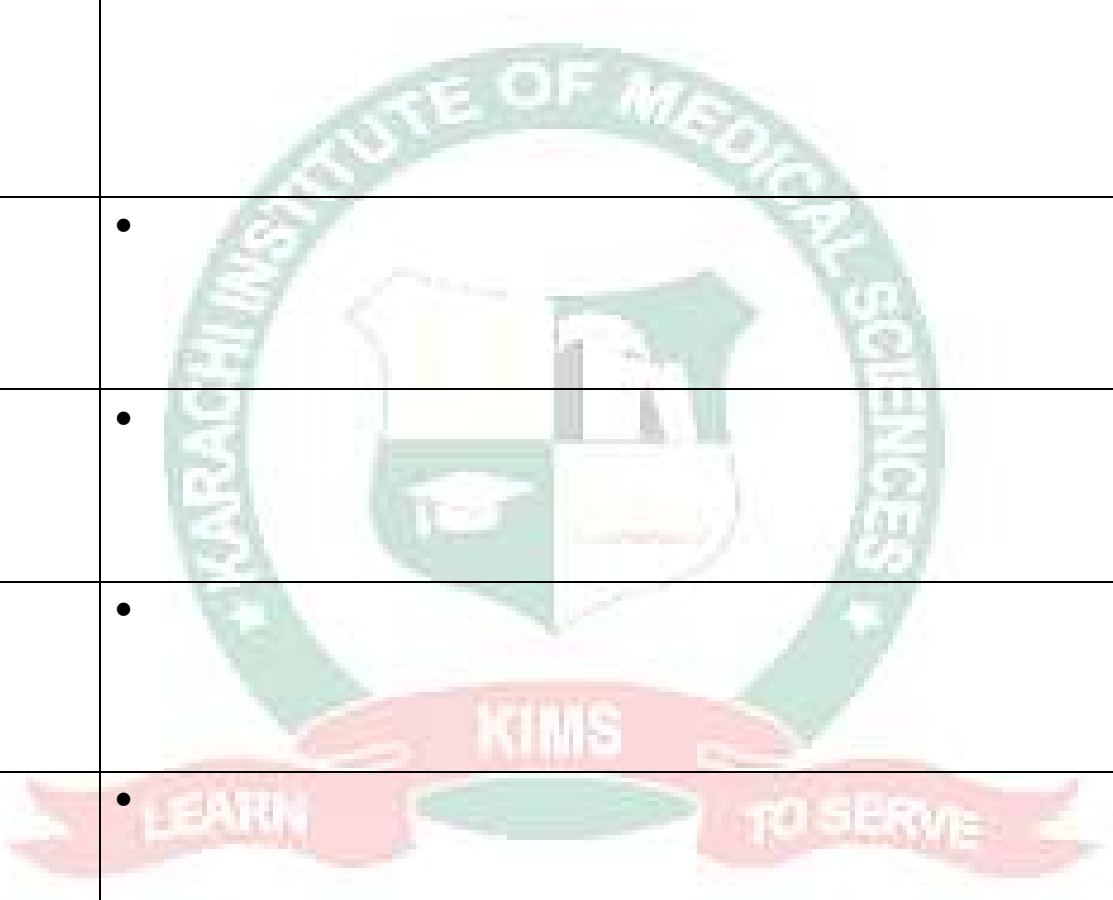


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**PRACTICALS**

<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>
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**SMALL GROUP DISCUSSION/ CASE BASED LEARNING**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**GENERAL MEDICINE**

Topic	Learning Objectives	Teaching Strategies
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# GENERAL SURGERY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

# BASIC OF RADIOLOGY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

# RESEARCH METHODOLOGY & EBM

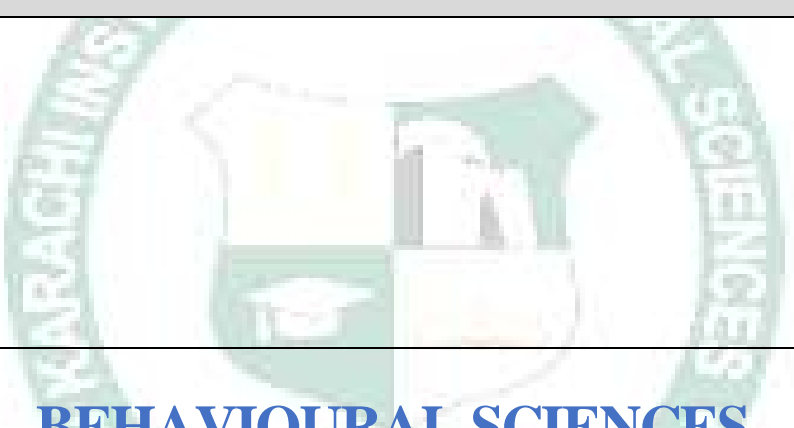
Topic	Learning Objectives	Teaching Strategies
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# SKILL SESSIONS


### SKILL LAB

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## THEME BASED SESSIONS

Topic	Learning Objectives
	

## BEHAVIOURAL SCIENCES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul> 	

## COMMUNICATION SKILLS

Topic	Learning Objectives	Teaching Strategies
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## LEADERSHIP & MANAGEMENT

Topic	Learning Objectives	Teaching Strategies
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## PROFESSIONALISM

Topic	Learning Objectives	Teaching Strategies
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## PAKISTAN STUDIES

Topic	Learning Objectives	Teaching Strategies
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## QURAN KAREEM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	

## ISLAMIYAT

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"> <li>•</li> </ul>	

## INTRODUCTION TO COMPUTER

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

## EXPOSITORY WRITING

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

# STRATEGIES FOR ENHANCED AND ADVANCED LEARNING

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## CO-CURRICULAR ACTIVITIES/SPORTS

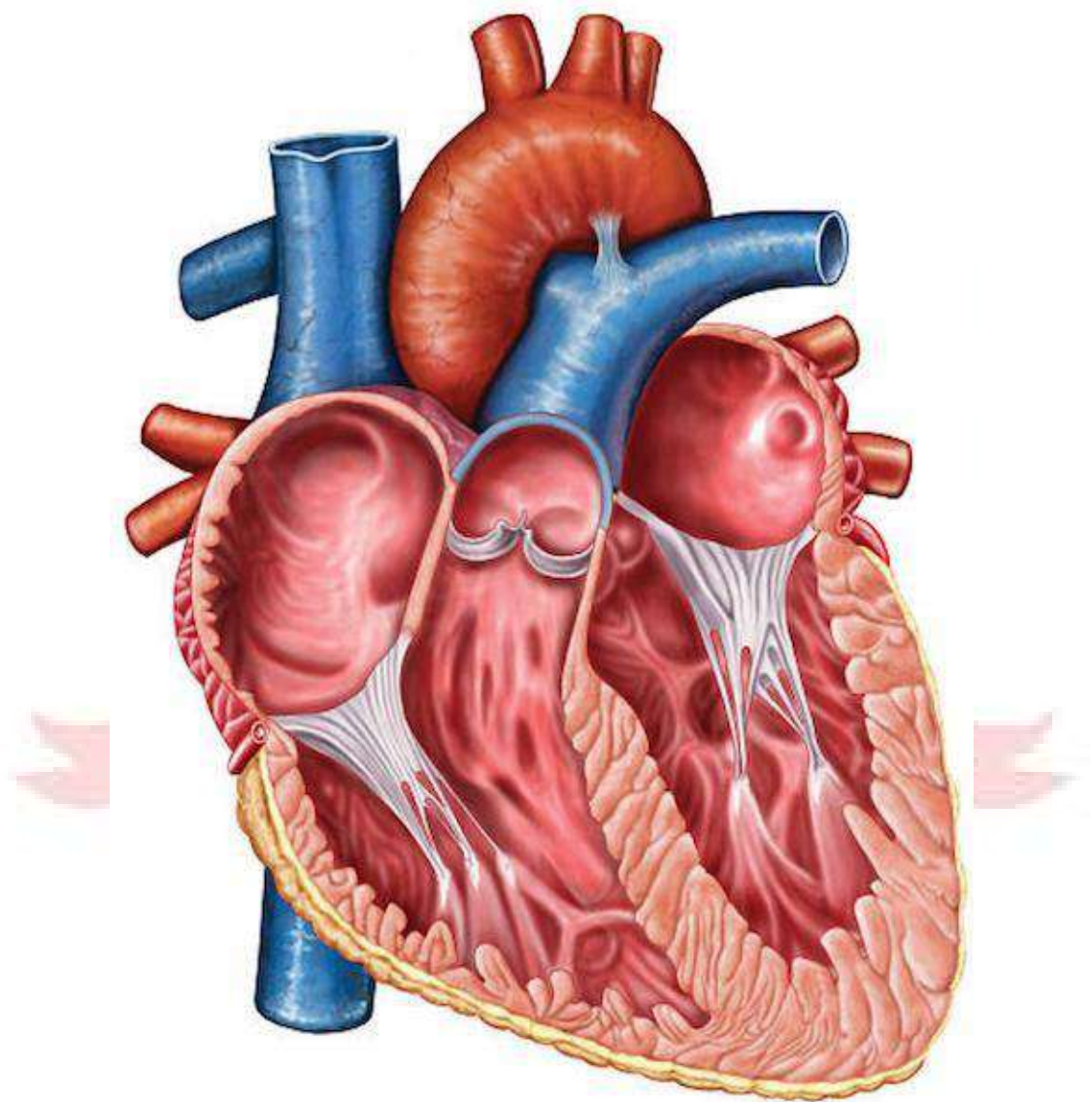
ACTIVITIES	DETAILS	DATES
	<ul style="list-style-type: none"><li></li></ul>	

# BLOCK -II



# Cardiovascular-I

## Module



<b>Module name</b>	Cardiovascular-I Module
<b>Year</b>	1 <sup>st</sup> Year MBBS, Batch
<b>Duration</b>	9 weeks
<b>Total Contact Hours</b>	<b><u>Anatomy = hours</u></b> Lectures = Small group discussion = Practical = Demonstration=
	<b><u>Physiology = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>Biochemistry = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>General Medicine = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>General Surgery = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Radiology= hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Research Methodology &amp; EBM= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =
	<b><u>Behavioral Sciences= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =

	<p><b><u>Communication Skills= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Leadership &amp; Management= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Professionalism= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Quran Kareem= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Islamiyat hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Introduction to Computer hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Expository Writing = hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
<b>Module Coordinator</b>	
<b>Year Coordinator</b>	

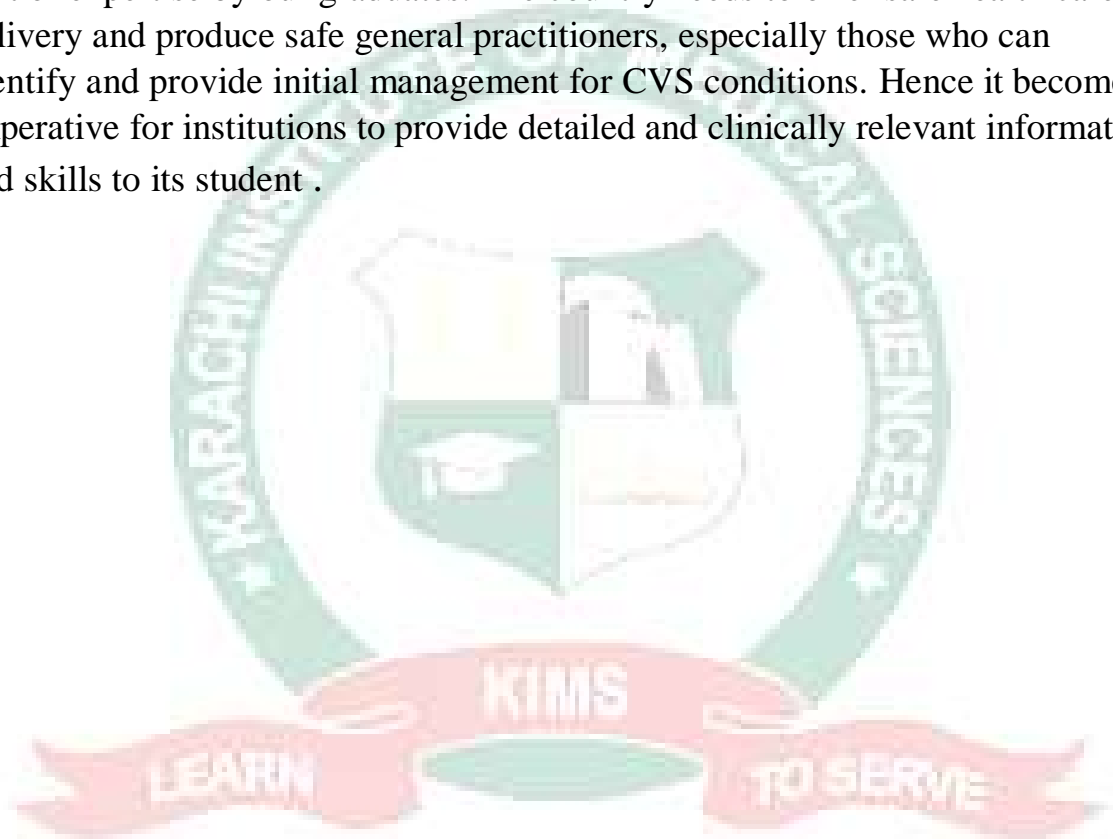
## Module Learning Outcome:

By the end of the module, students will be able to;

- Apply basic sciences knowledge to understand the basis of common CVS disease problems.

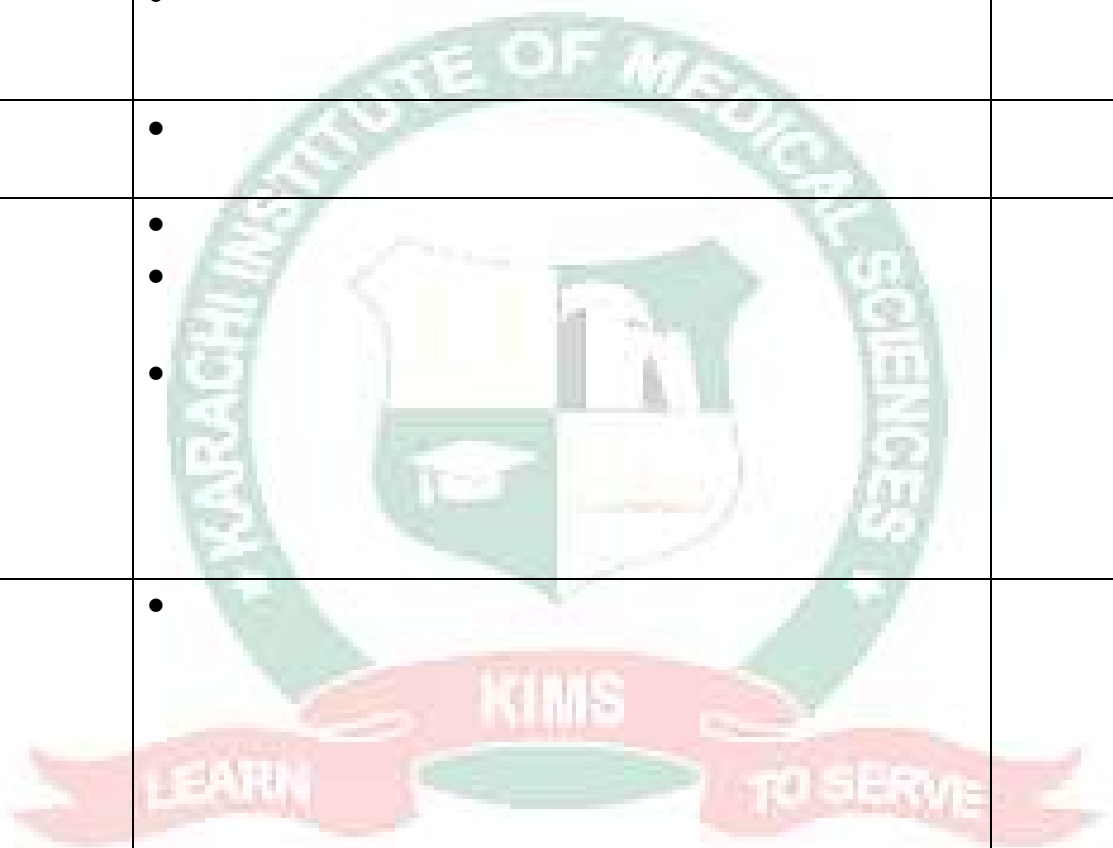
## Rationale:

CVS related morbidity and mortality in Pakistan are among the highest in the region. An in-depth understanding of managing CVS conditions is an essential part of expertise by our graduates. The country needs to offer safe health care delivery and produce safe general practitioners, especially those who can identify and provide initial management for CVS conditions. Hence it becomes imperative for institutions to provide detailed and clinically relevant information and skills to its student .




# .ANATOMY

GENERAL ANATOMY		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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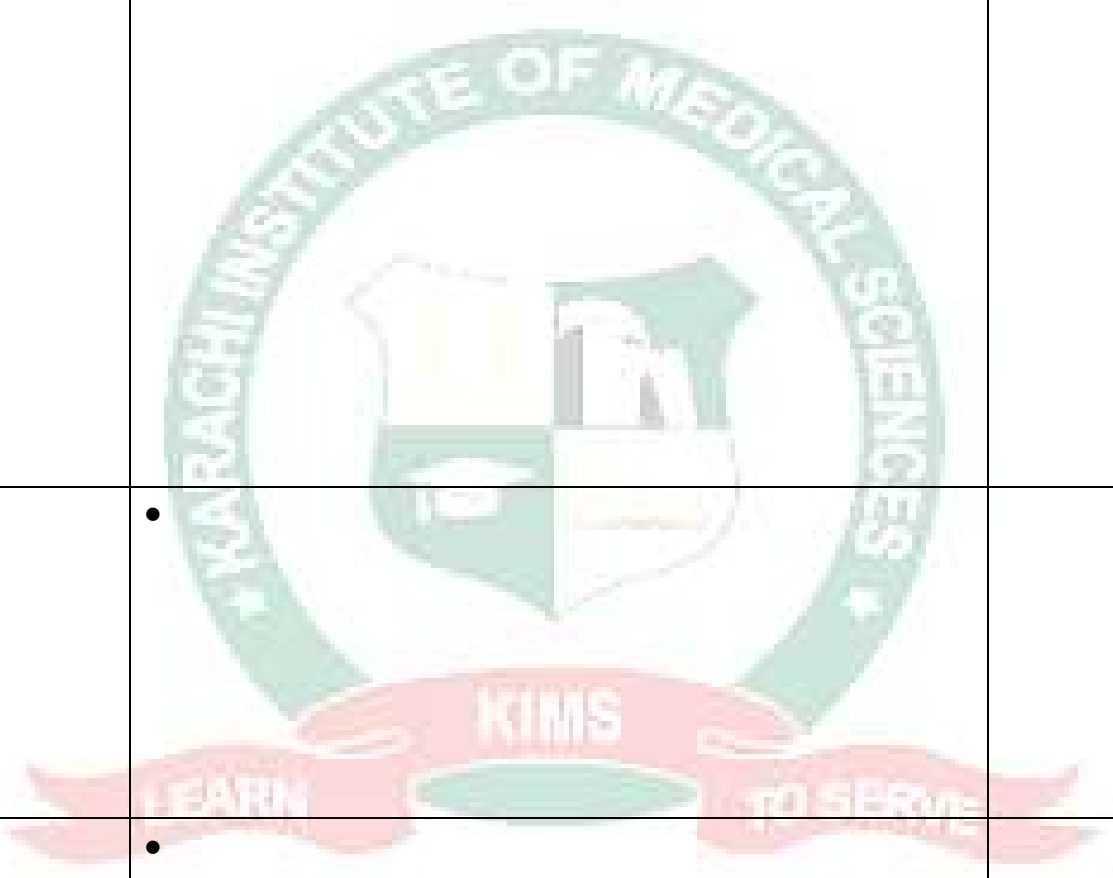


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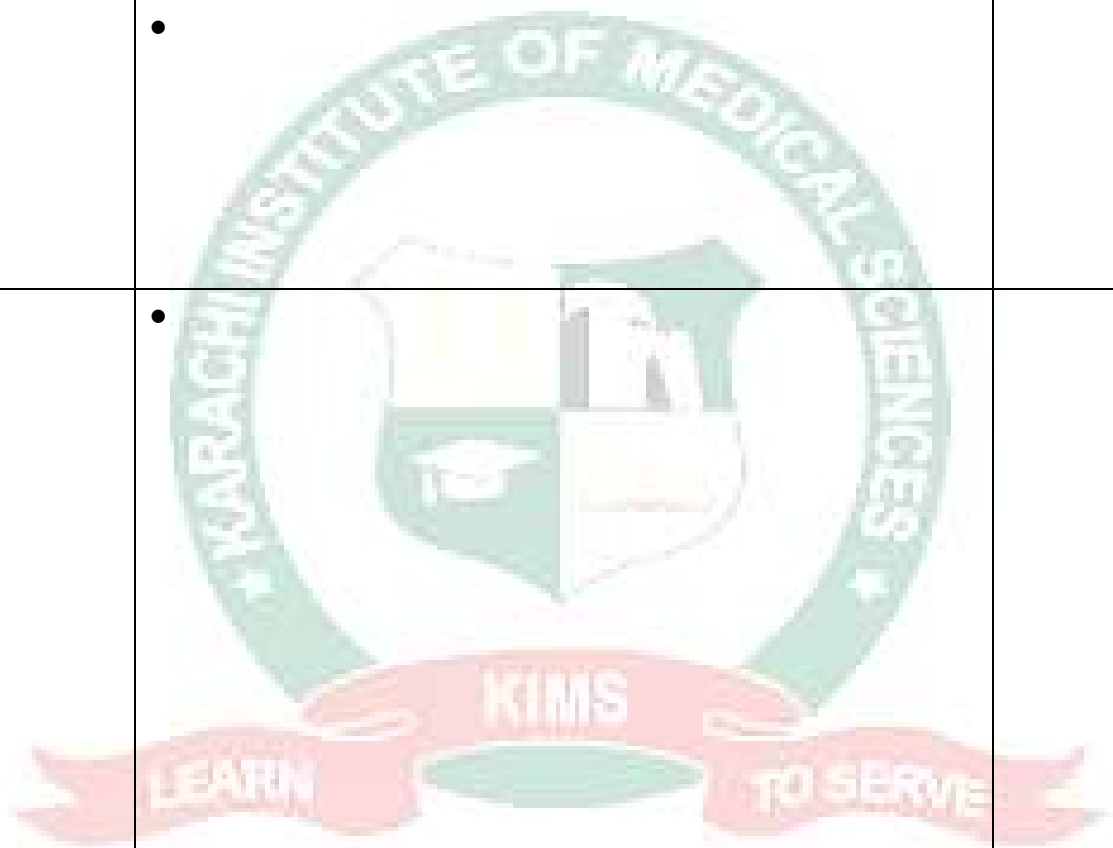


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<b>GENERAL EMBRYOLOGY</b>		
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>	<b>Teaching Strategies</b>
	• LEARN TO SERVE	
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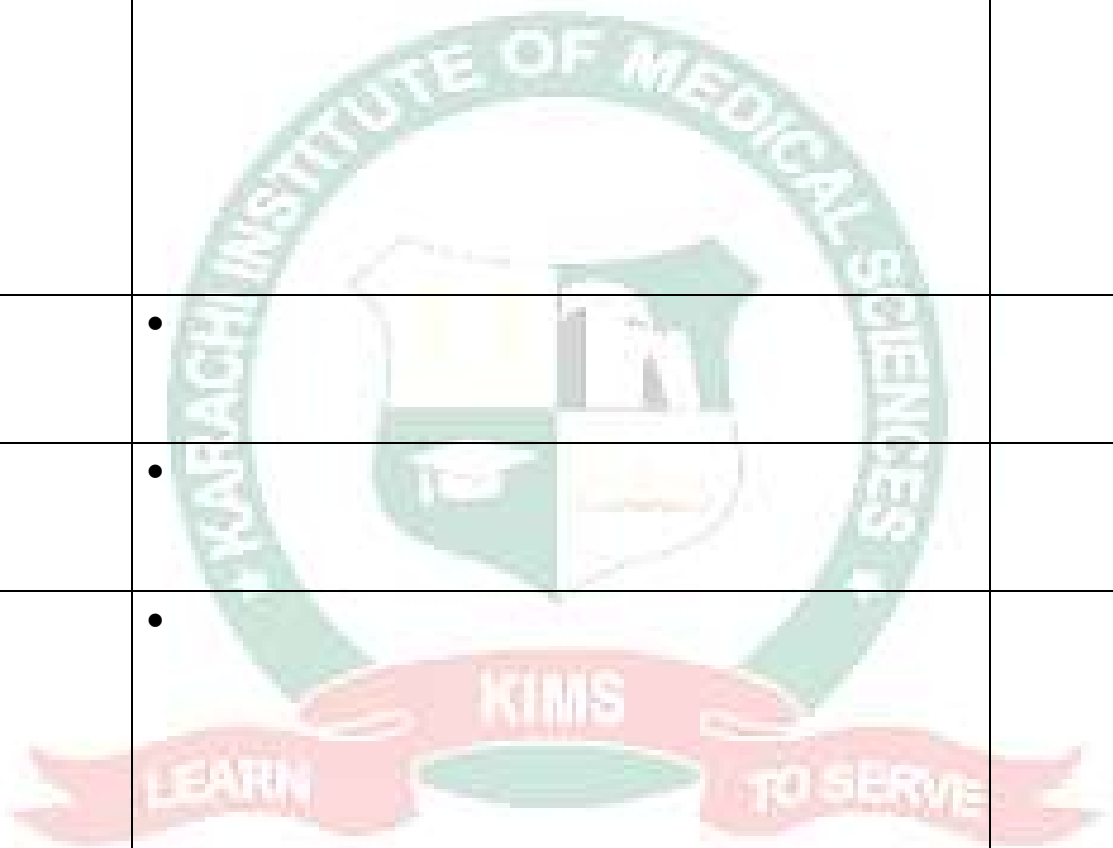
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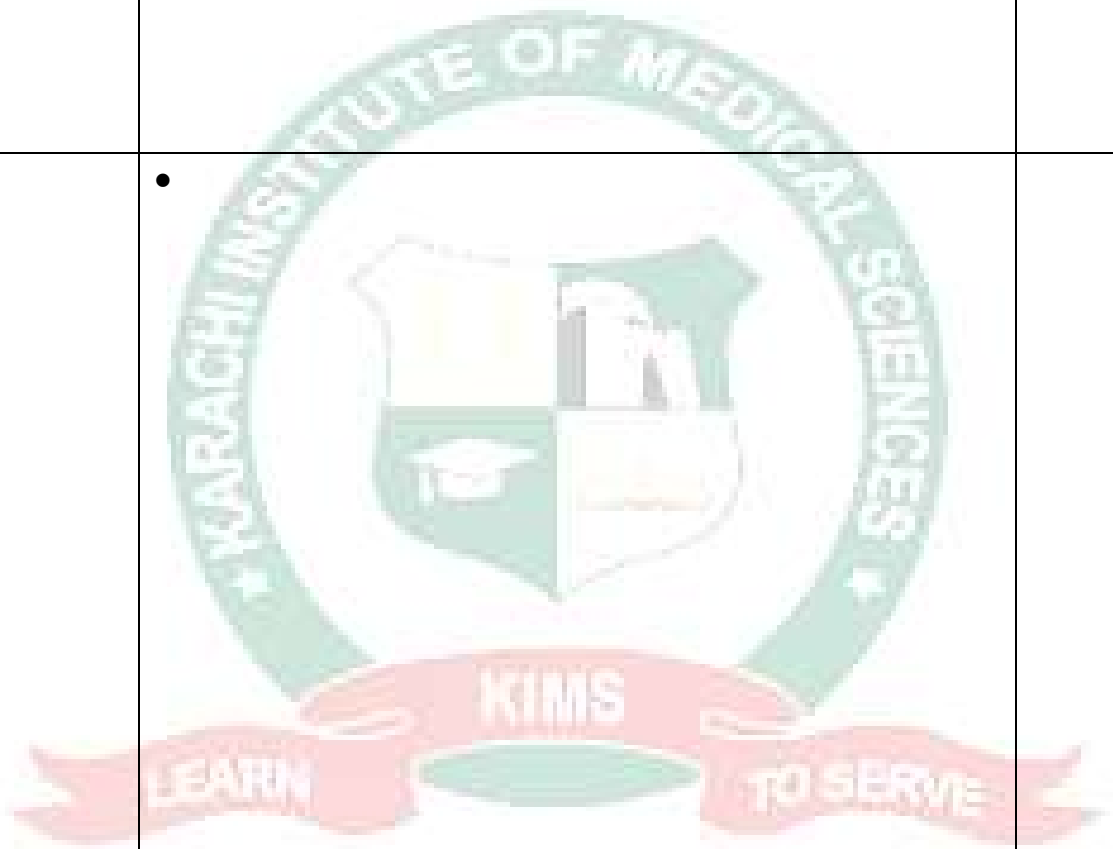


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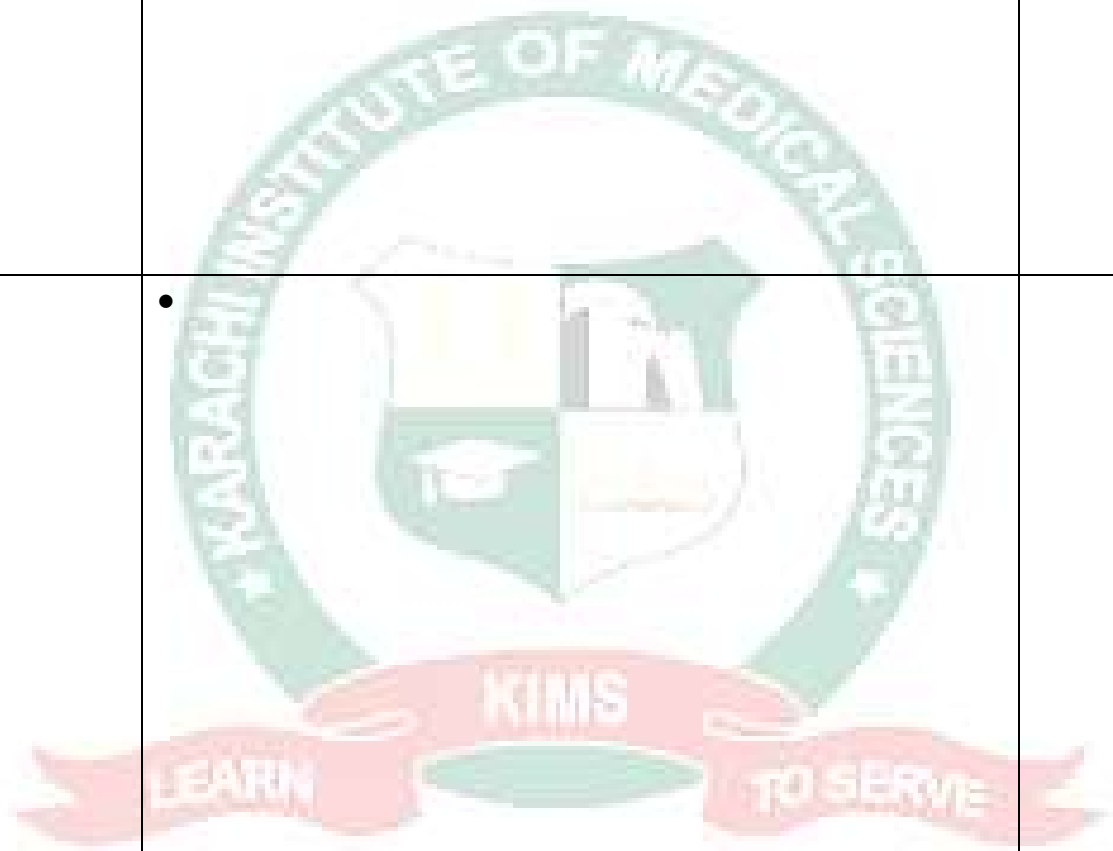


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<b>GENERAL HISTOLOGY</b>		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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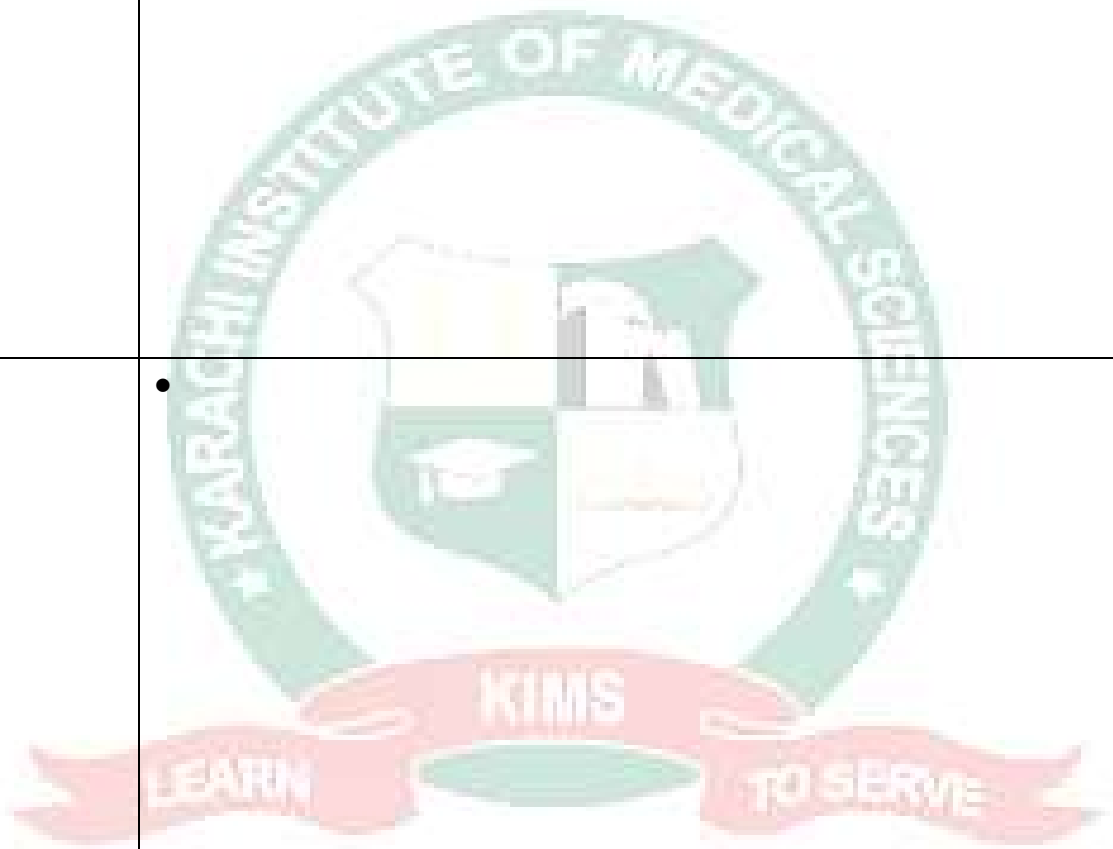
### HISTOLOGY PRACTICALS


Topics of the Module	Objectives: By the end of the module the students will be able to:
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## SMALL GROUP DISCUSSION/ CASE BASED LEARNING

Topics of the Module	Objectives: By the end of the module the students will be able to:
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	<ul style="list-style-type: none"><li>•</li></ul>
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\*Each Tutorial will be of \_\_\_ hours duration



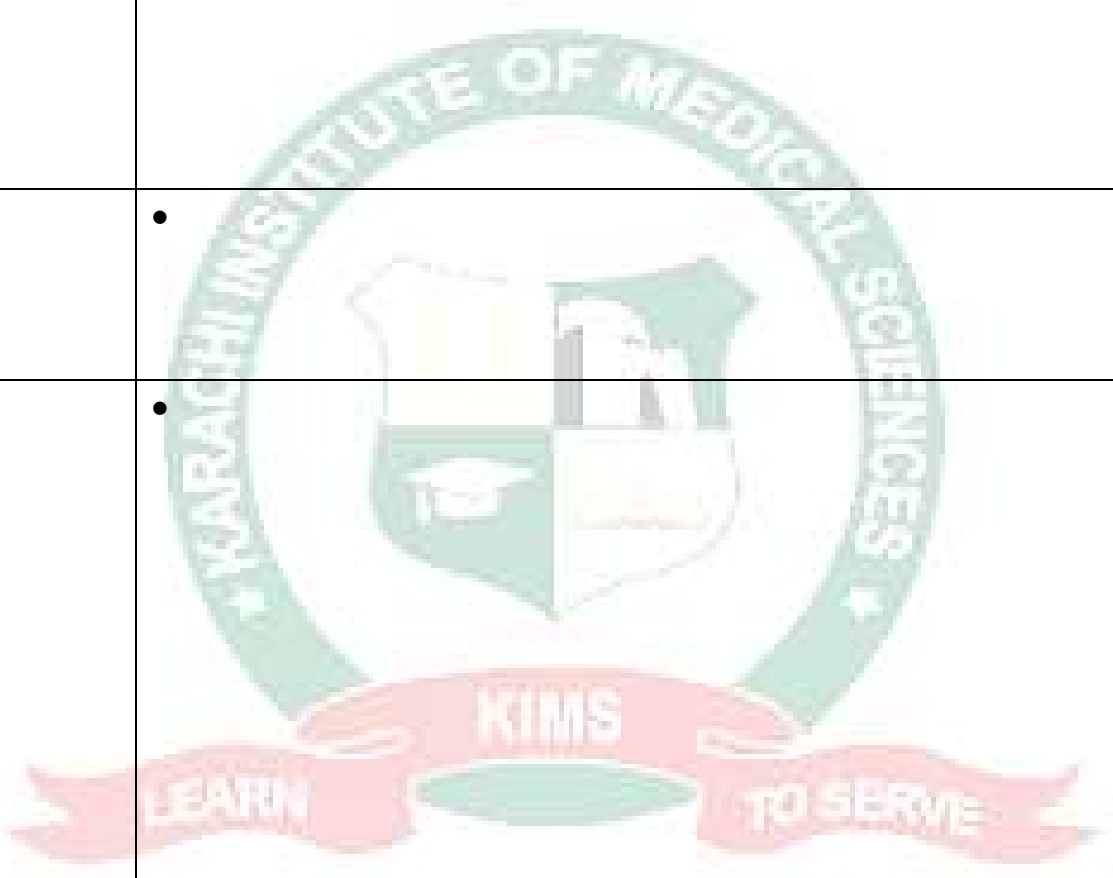


**PRACTICALS\***

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**SMALL GROUP DISCUSSION/ CASE BASED LEARNING**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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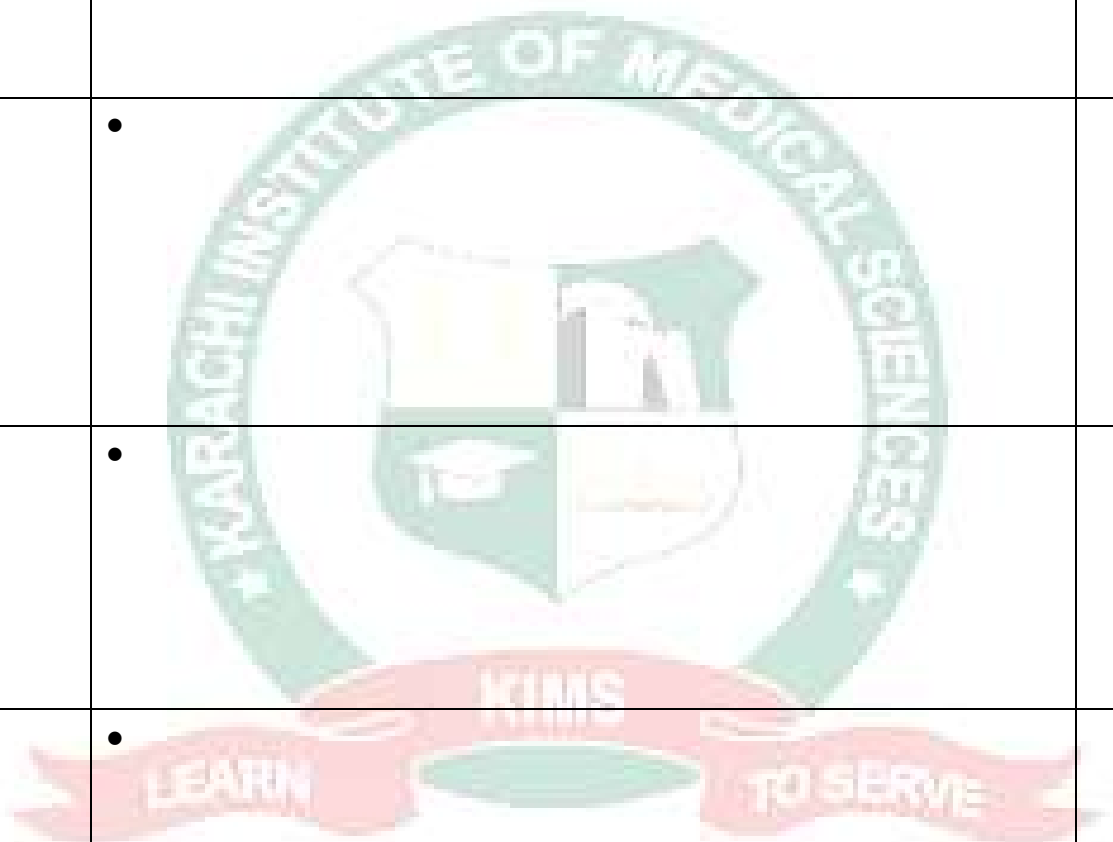
# BIOCHEMISTRY

Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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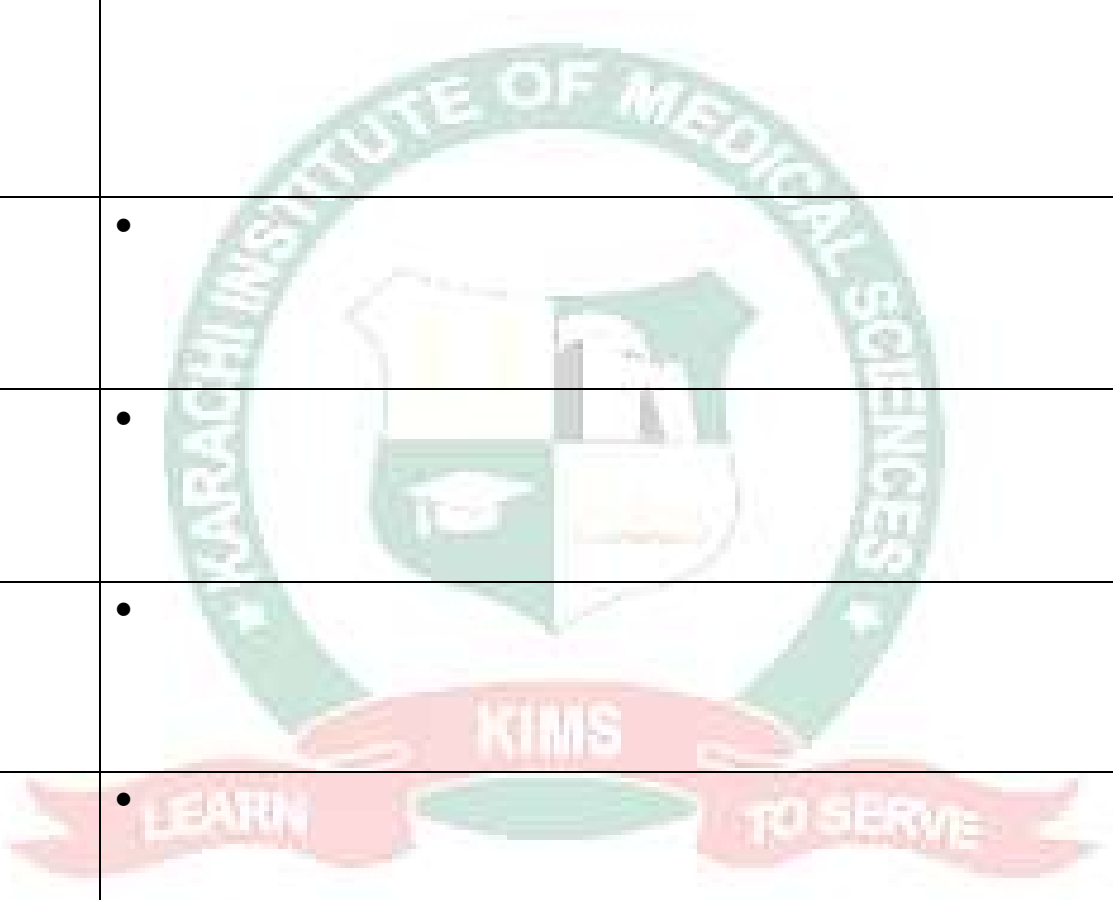


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**PRACTICALS**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**SMALL GROUP DISCUSSION/ CASE BASED LEARNING**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**GENERAL MEDICINE**

Topic	Learning Objectives	Teaching Strategies
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## GENERAL SURGERY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## BASIC OF RADIOLOGY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## RESEARCH METHODOLOGY & EBM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## SKILL SESSIONS

SKILL LAB		
Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## THEME BASED SESSIONS

Topic	Learning Objectives

## BEHAVIOURAL SCIENCES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## COMMUNICATION SKILLS

Topic	Learning Objectives	Teaching Strategies
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## LEADERSHIP & MANAGEMENT

Topic	Learning Objectives	Teaching Strategies
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## PROFESSIONALISM

Topic	Learning Objectives	Teaching Strategies
	•	

# PAKISTAN STUDIES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	



## QURAN KAREEM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	



## ISLAMIYAT

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

## INTRODUCTION TO COMPUTER

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

## EXPOSITORY WRITING

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li>•</li></ul>	

## STRATEGIES FOR ENHANCED AND ADVANCED LEARNING

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## CO-CURRICULAR ACTIVITIES/SPORTS

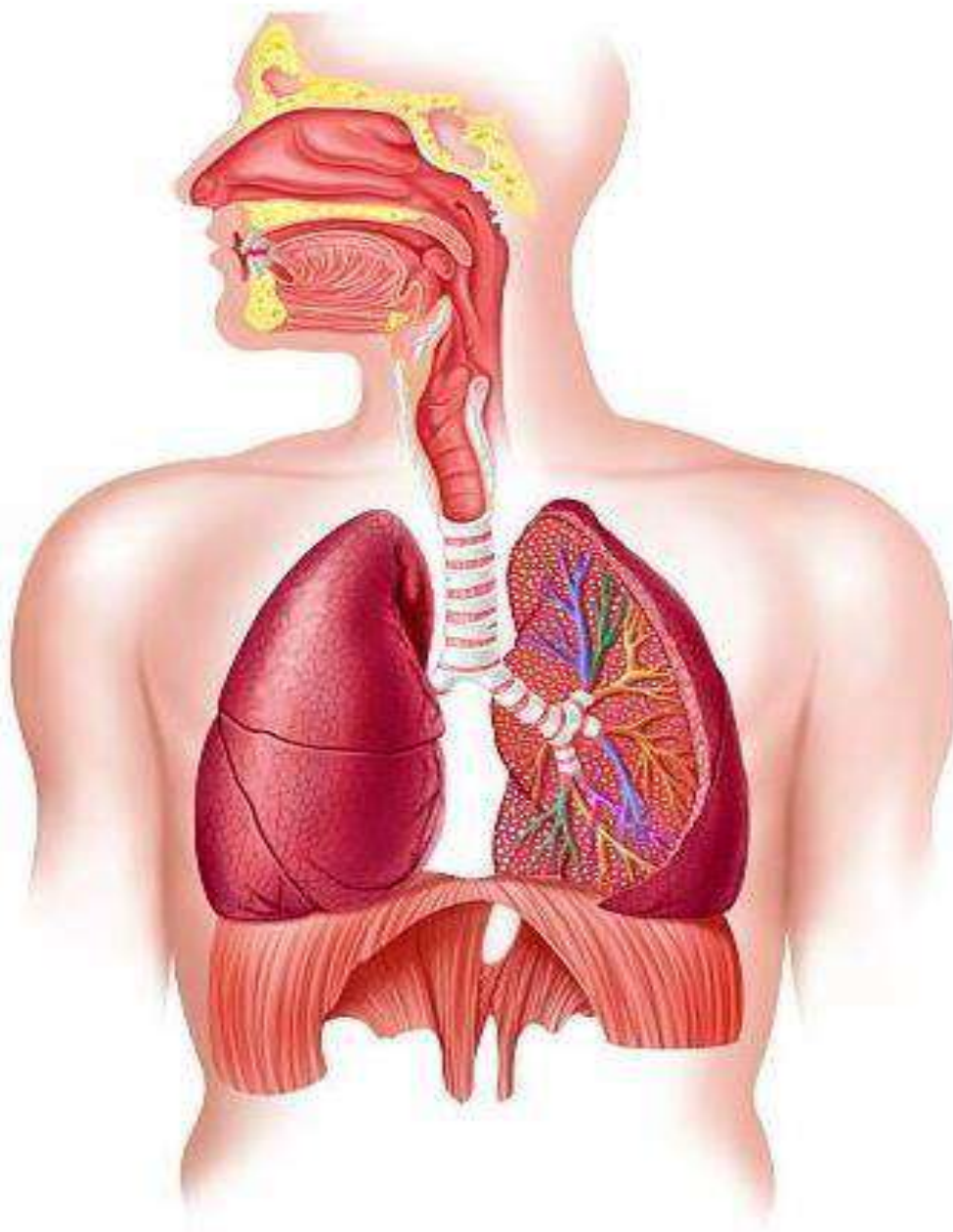
ACTIVITIES	DETAILS	DATES
	<ul style="list-style-type: none"><li></li></ul>	

# BLOCK – III



# Respiratory-I

## Module



<b>Module name</b>	Respiratory System – I
<b>Year</b>	1 <sup>st</sup> Year MBBS, Batch
<b>Duration</b>	4 weeks
<b>Total Contact Hours</b>	<b><u>Anatomy = hours</u></b> Lectures = Small group discussion = Practical = Demonstration=
	<b><u>Physiology = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>Biochemistry = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>General Medicine = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>General Surgery = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Radiology= hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Research Methodology &amp; EBM= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =
	<b><u>Behavioral Sciences= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =

	<p><b><u>Communication Skills= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Leadership &amp; Management= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Professionalism= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Quran Kareem= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Islamiyat hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Introduction to Computer hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Expository Writing = hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
<b>Module Coordinator</b>	
<b>Year Coordinator</b>	

## Module Learning Outcome:

By the end of the module, students will be able to;

- Describe the development, structures and functions of various parts of the respiratory system.

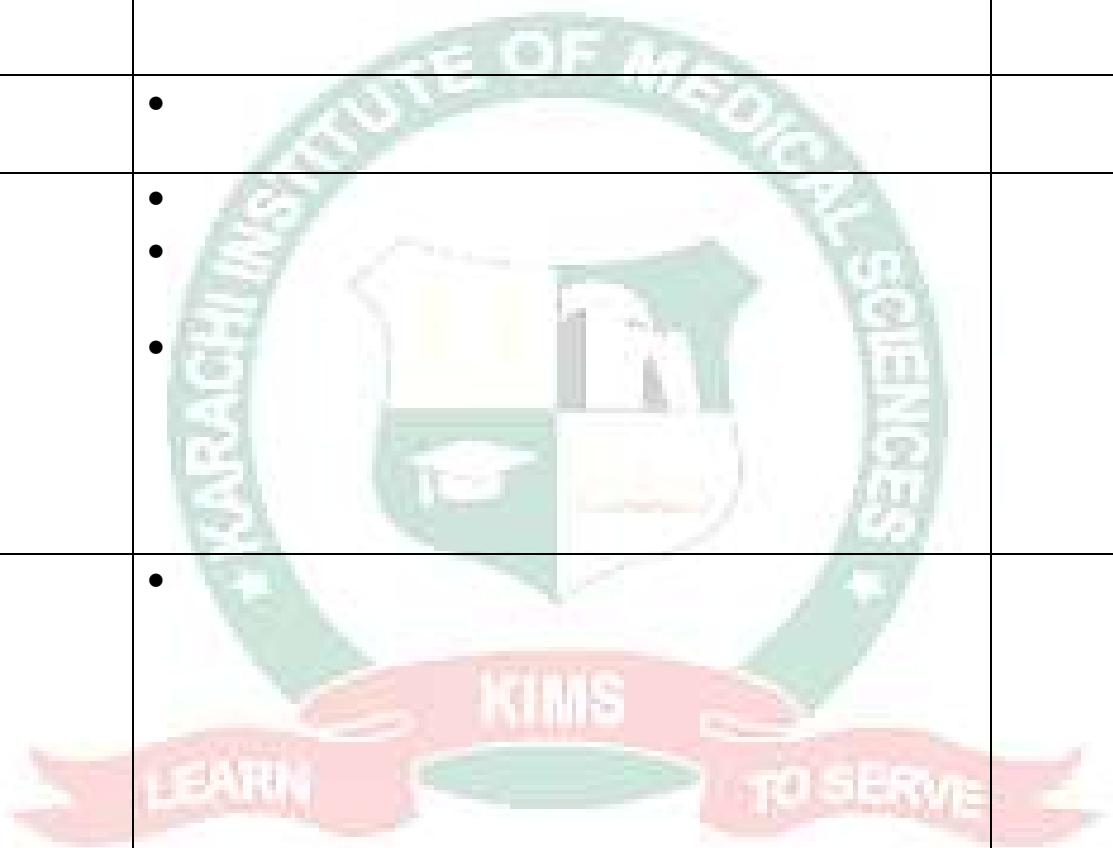
## Rationale:

Respiratory diseases are a major cause of morbidity and mortality globally as well as in Pakistan. Hence it becomes imperative for institutions to provide detailed and clinically relevant information related to the normal structure and function of the respiratory tract to its students. This will help the students to understand the basis of respiratory system-related disorders




# ANATOMY

GENERAL ANATOMY		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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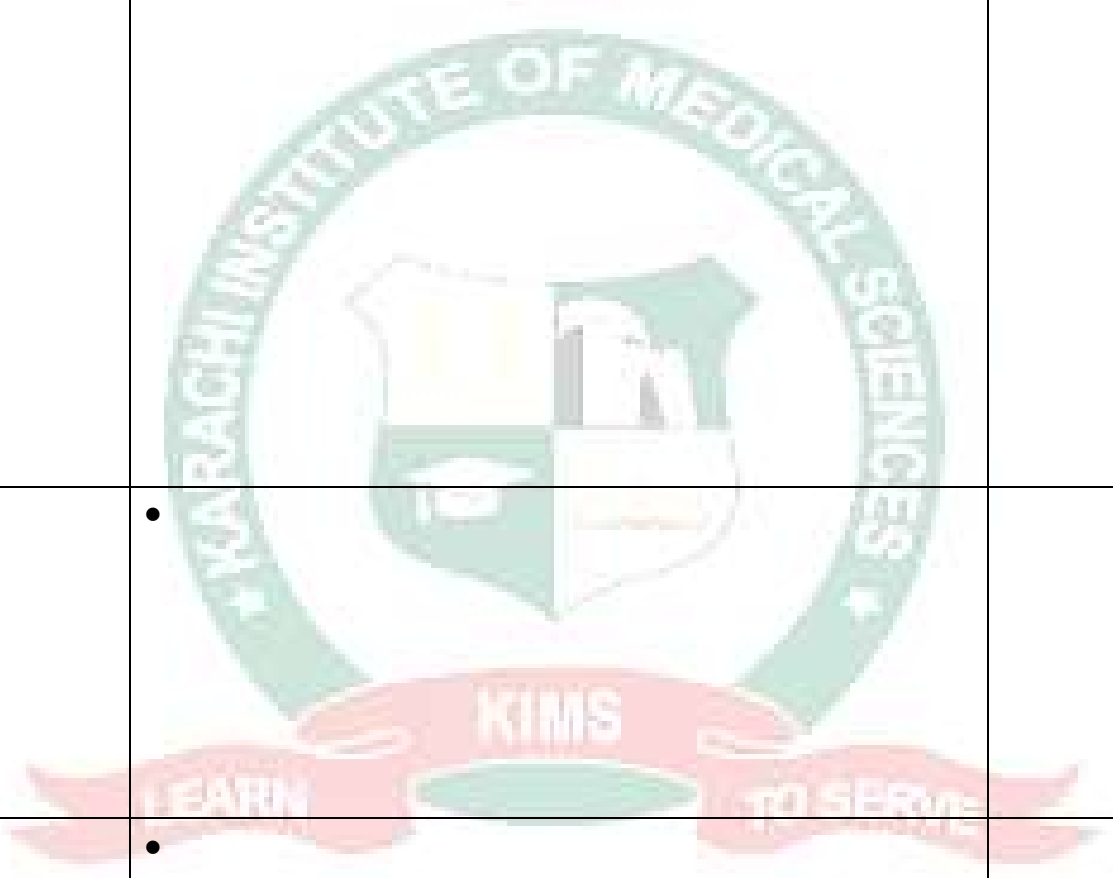


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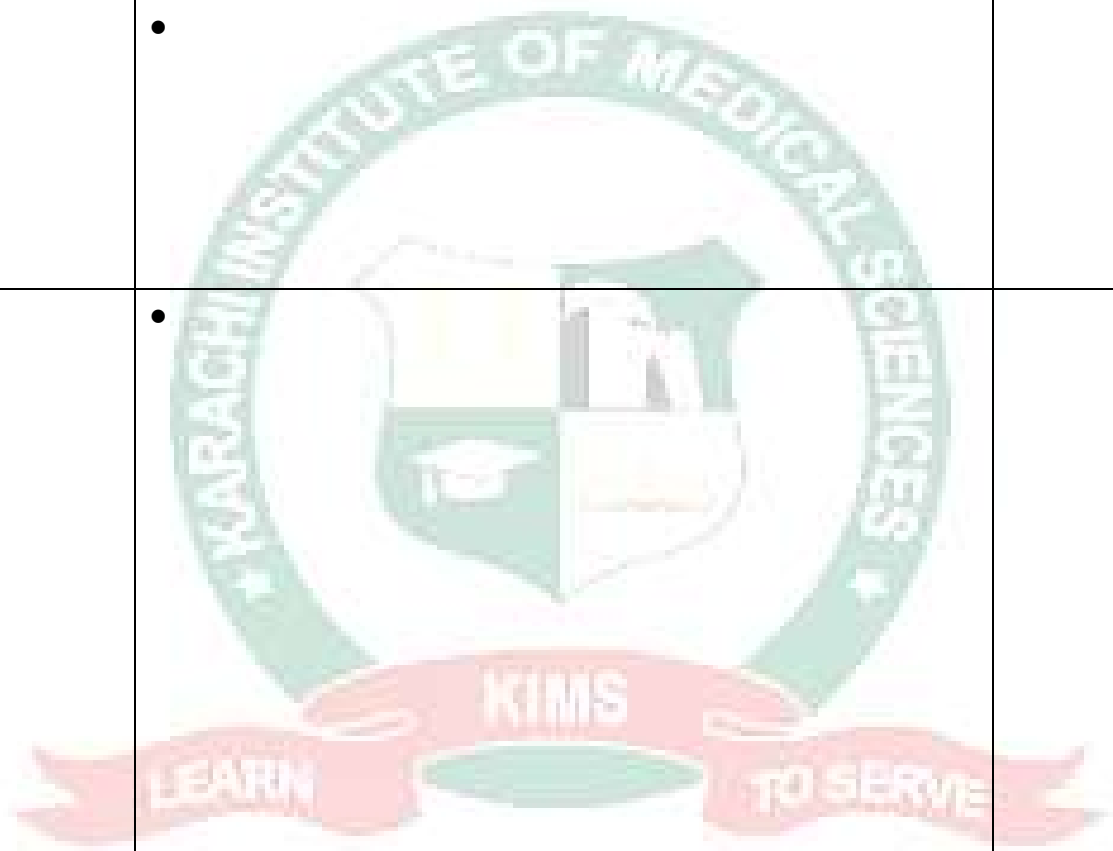


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<b>GENERAL EMBRYOLOGY</b>		
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>	<b>Teaching Strategies</b>
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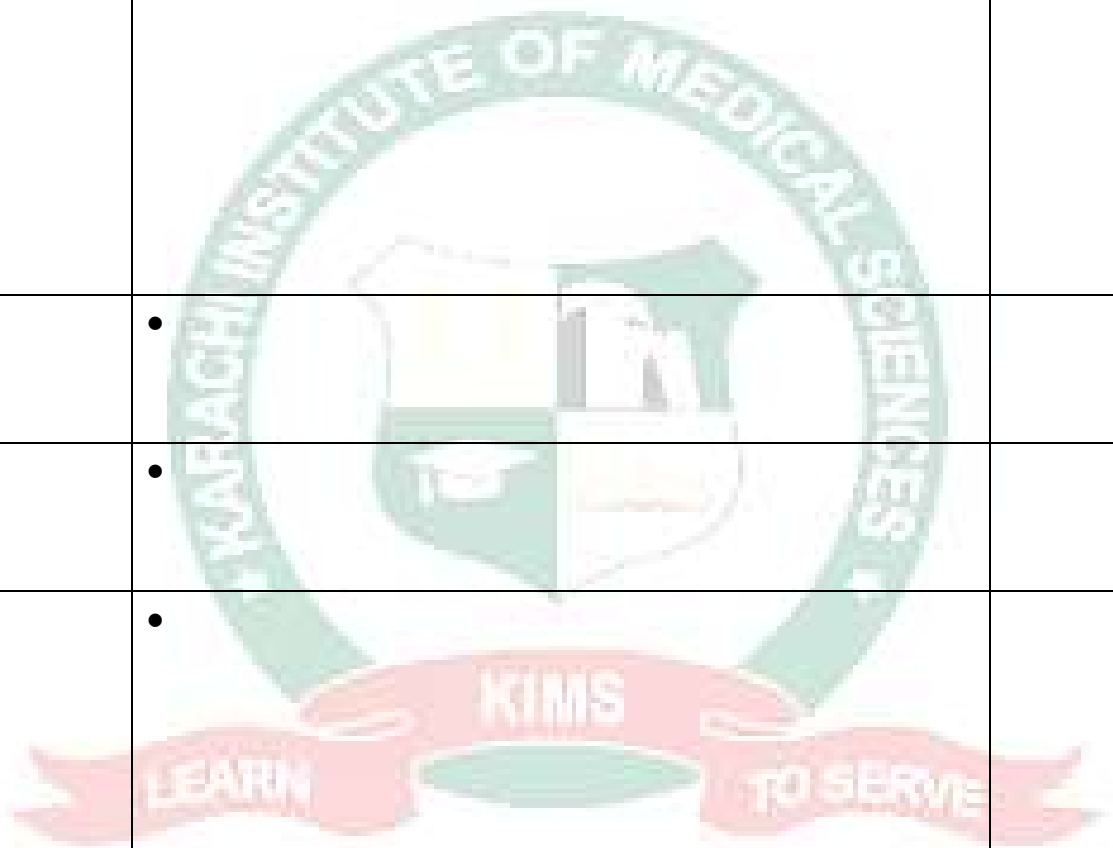
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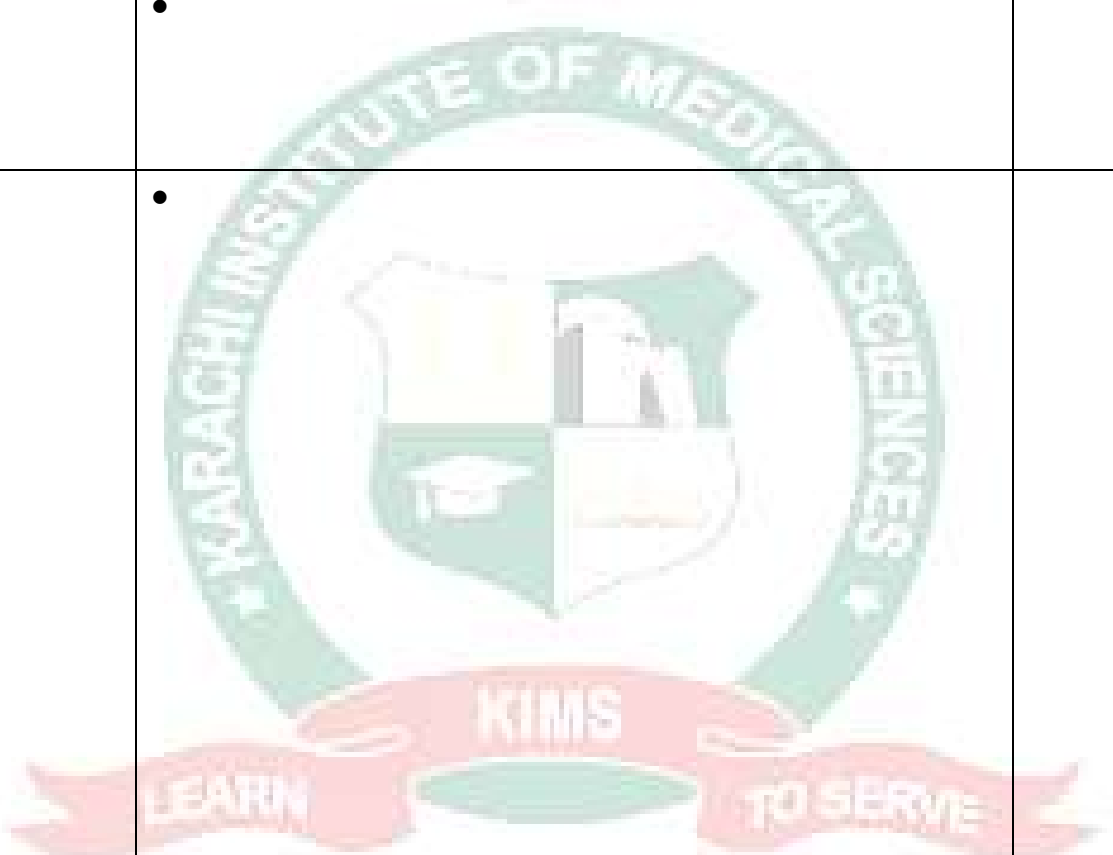


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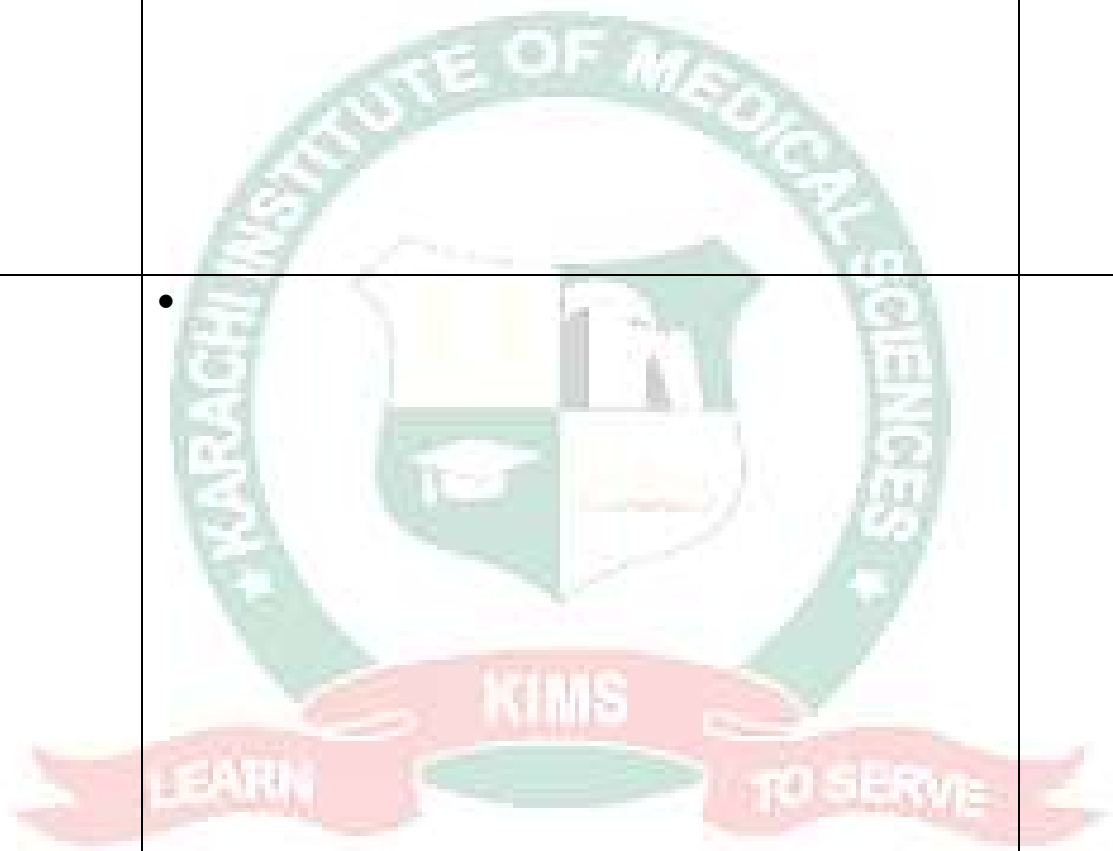


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<b>GENERAL HISTOLOGY</b>		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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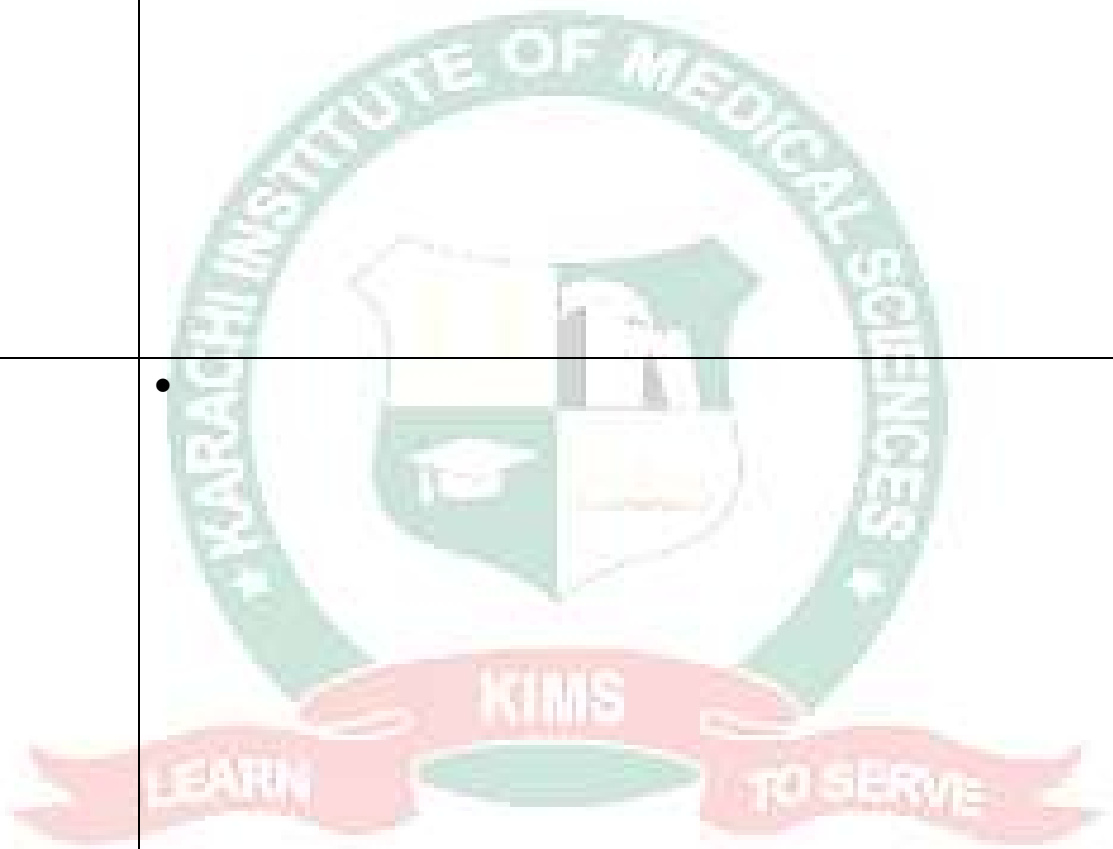
### HISTOLOGY PRACTICALS


Topics of the Module	Objectives: By the end of the module the students will be able to:
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## SMALL GROUP DISCUSSION/ CASE BASED LEARNING

Topics of the Module	Objectives: By the end of the module the students will be able to:
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\*Each Tutorial will be of \_\_\_ hours duration





<b>PRACTICALS*</b>	
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>
	•

<b>SMALL GROUP DISCUSSION/ CASE BASED LEARNING</b>	
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>
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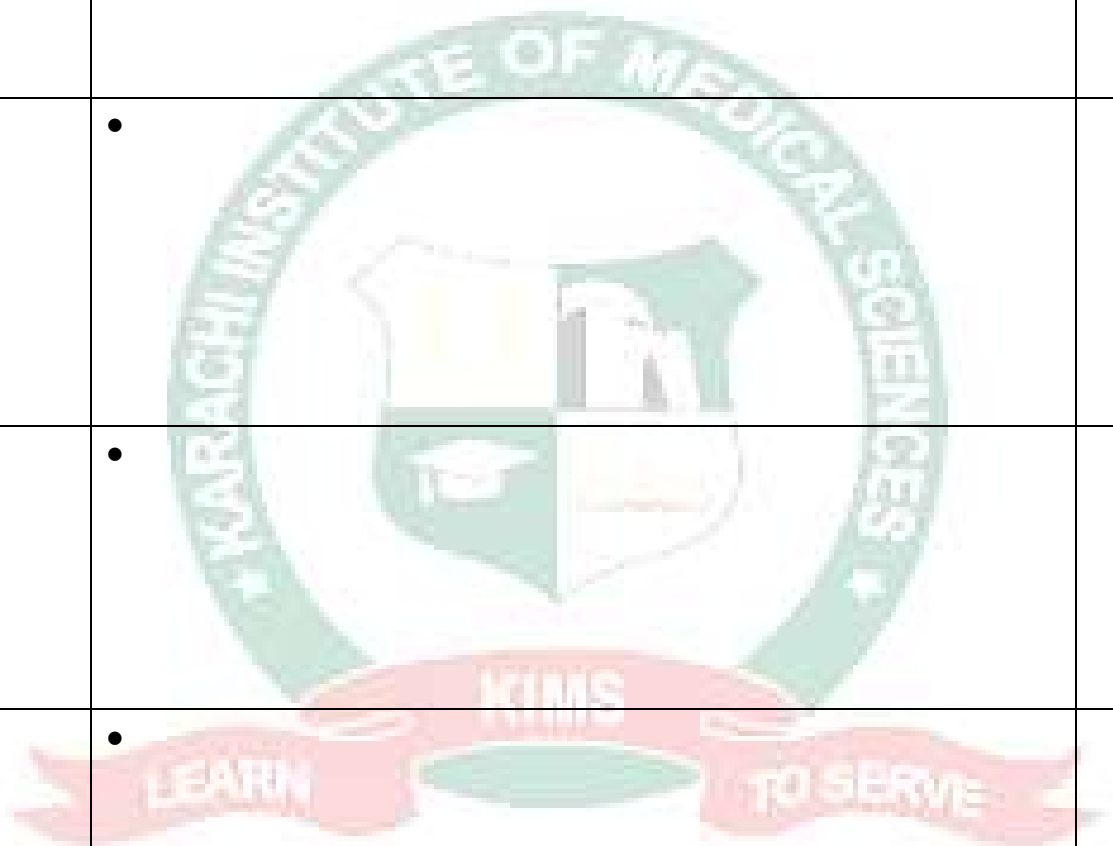
# BIOCHEMISTRY

Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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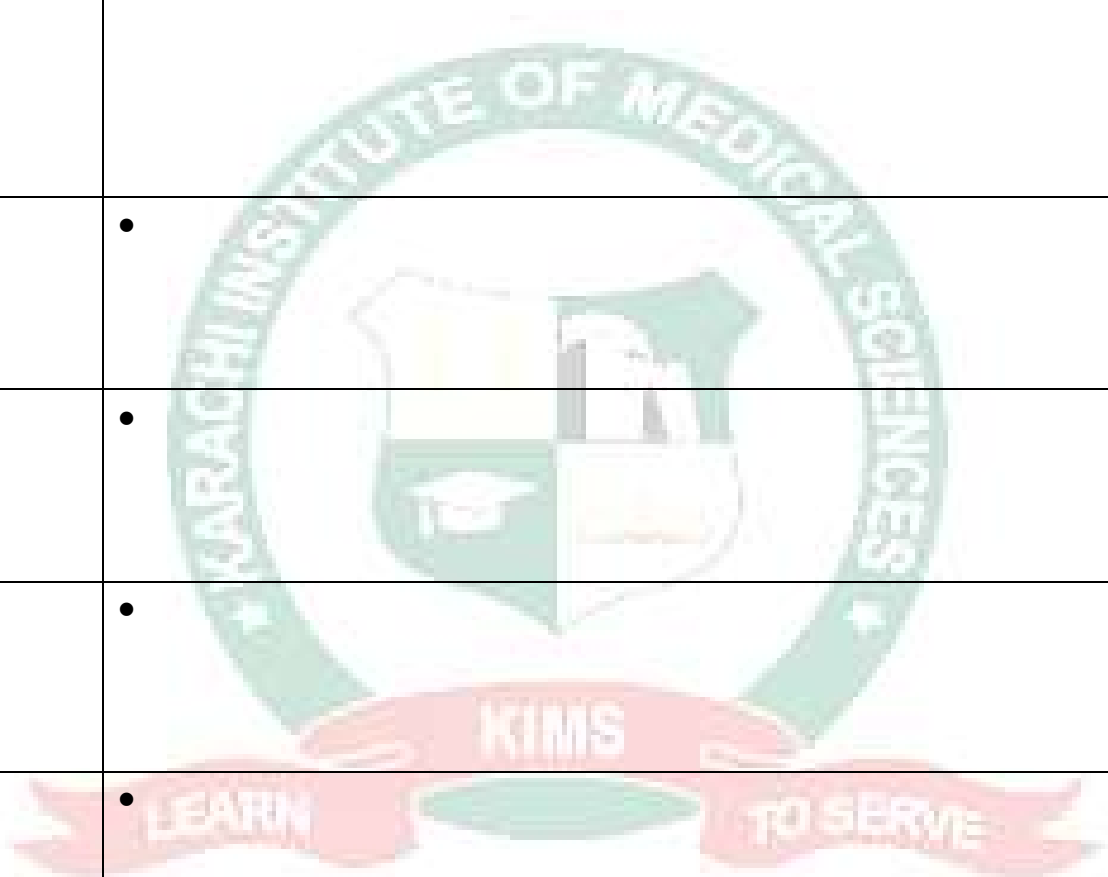


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## PRACTICALS

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**SMALL GROUP DISCUSSION/ CASE BASED LEARNING**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**GENERAL MEDICINE**

Topic	Learning Objectives	Teaching Strategies
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## GENERAL SURGERY

Topic	Learning Objectives	Teaching Strategies
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## BASIC OF RADIOLOGY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## RESEARCH METHODOLOGY & EBM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## SKILL SESSIONS


### SKILL LAB

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## THEME BASED SESSIONS

Topic	Learning Objectives
	

## BEHAVIOURAL SCIENCES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul> 	

## COMMUNICATION SKILLS

Topic	Learning Objectives	Teaching Strategies
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## LEADERSHIP & MANAGEMENT

Topic	Learning Objectives	Teaching Strategies
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Topic	Learning Objectives	Teaching Strategies
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## PAKISTAN STUDIES

Topic	Learning Objectives	Teaching Strategies

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## QURAN KAREEM

Topic	Learning Objectives	Teaching Strategies
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## ISLAMIYAT

Topic	Learning Objectives	Teaching Strategies
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## INTRODUCTION TO COMPUTER

Topic	Learning Objectives	Teaching Strategies
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## EXPOSITORY WRITING

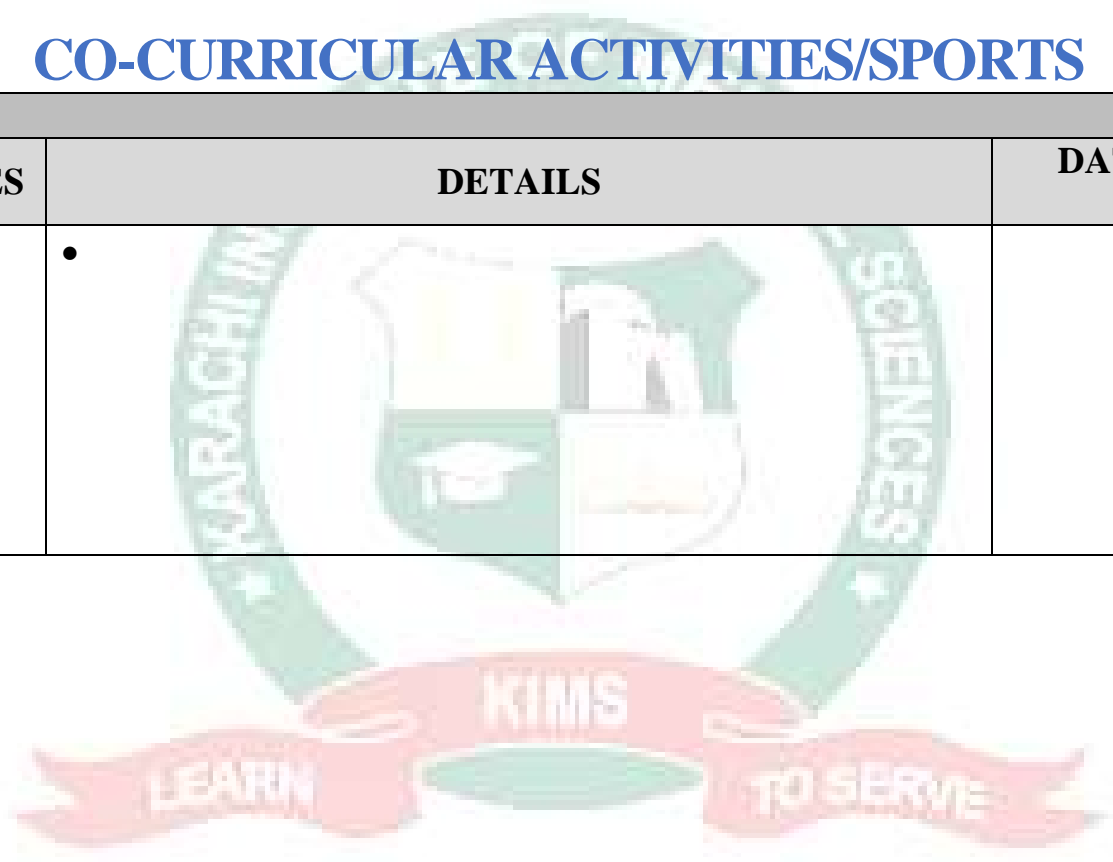
Topic	Learning Objectives	Teaching Strategies
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## STRATEGIES FOR ENHANCED AND ADVANCED LEARNING

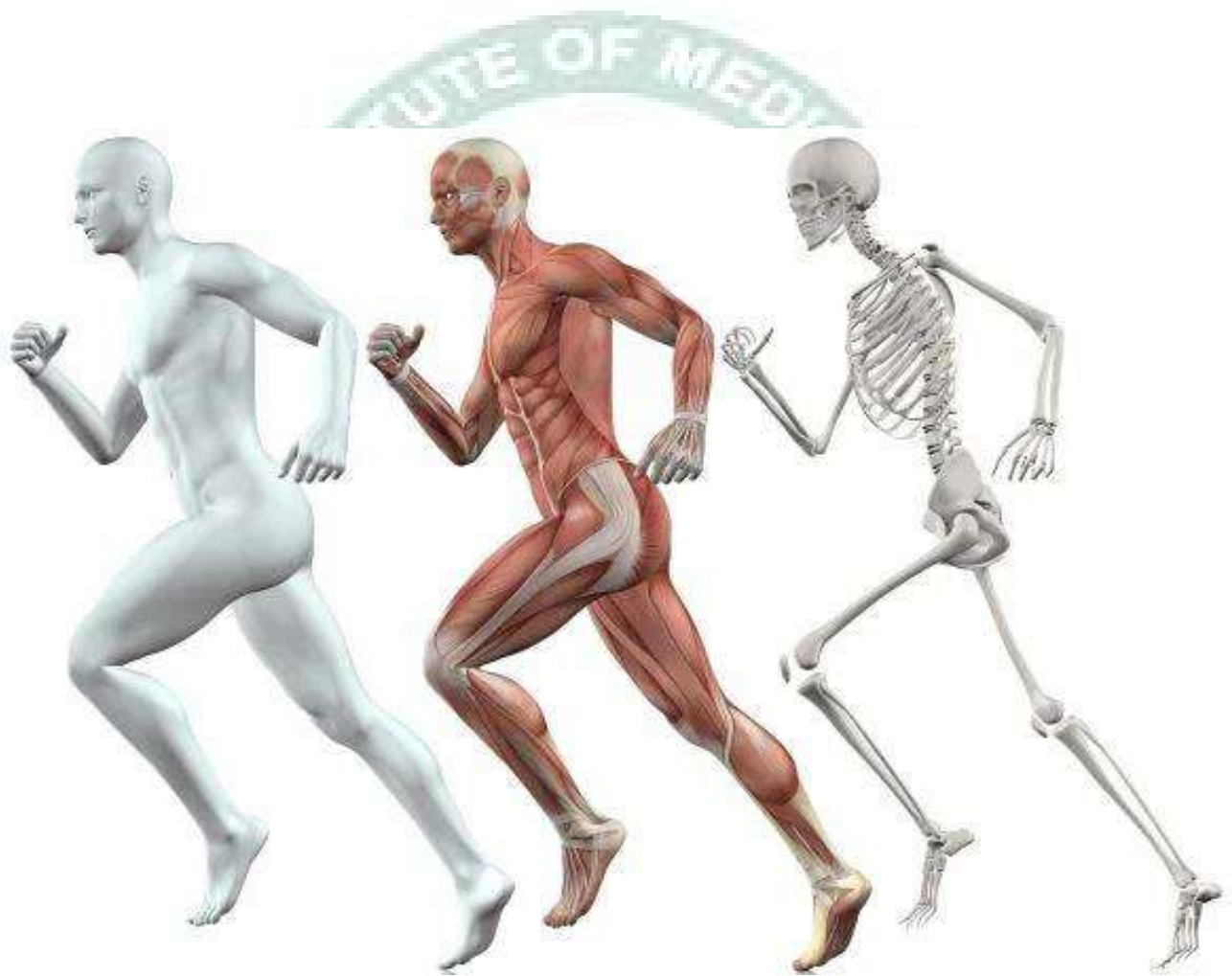
Topic	Learning Objectives	Teaching Strategies
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## CO-CURRICULAR ACTIVITIES/SPORTS

ACTIVITIES	DETAILS	DATES
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# MSK -II Module



<b>Module name</b>	Musculoskeletal – II
<b>Year</b>	1 <sup>st</sup> Year MBBS, Batch
<b>Duration</b>	5 weeks
<b>Total Contact Hours</b>	<b><u>Anatomy = hours</u></b> Lectures = Small group discussion = Practical = Demonstration=
	<b><u>Physiology = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>Biochemistry = hours</u></b> Lectures = Small group discussion = Practical =
	<b><u>General Medicine = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>General Surgery = hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Radiology= hours</u></b> Lectures = Small group discussion = Skill sessions =
	<b><u>Research Methodology &amp; EBM= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =
	<b><u>Behavioral Sciences= hours</u></b> Lectures = Small group discussion = Skill sessions/ Workshop =

	<p><b><u>Communication Skills= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Leadership &amp; Management= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Professionalism= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Quran Kareem= hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Islamiyat hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Introduction to Computer hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
	<p><b><u>Expository Writing = hours</u></b>  Lectures =  Small group discussion =  Skill sessions/ Workshop =</p>
<b>Module Coordinator</b>	
<b>Year Coordinator</b>	

## Module Learning Outcome:

By the end of the module, students will be able to:

Describe the structure, development, and functions of the components of the musculoskeletal system, including bones, joints, and muscles of the limbs and back.

## Rationale:

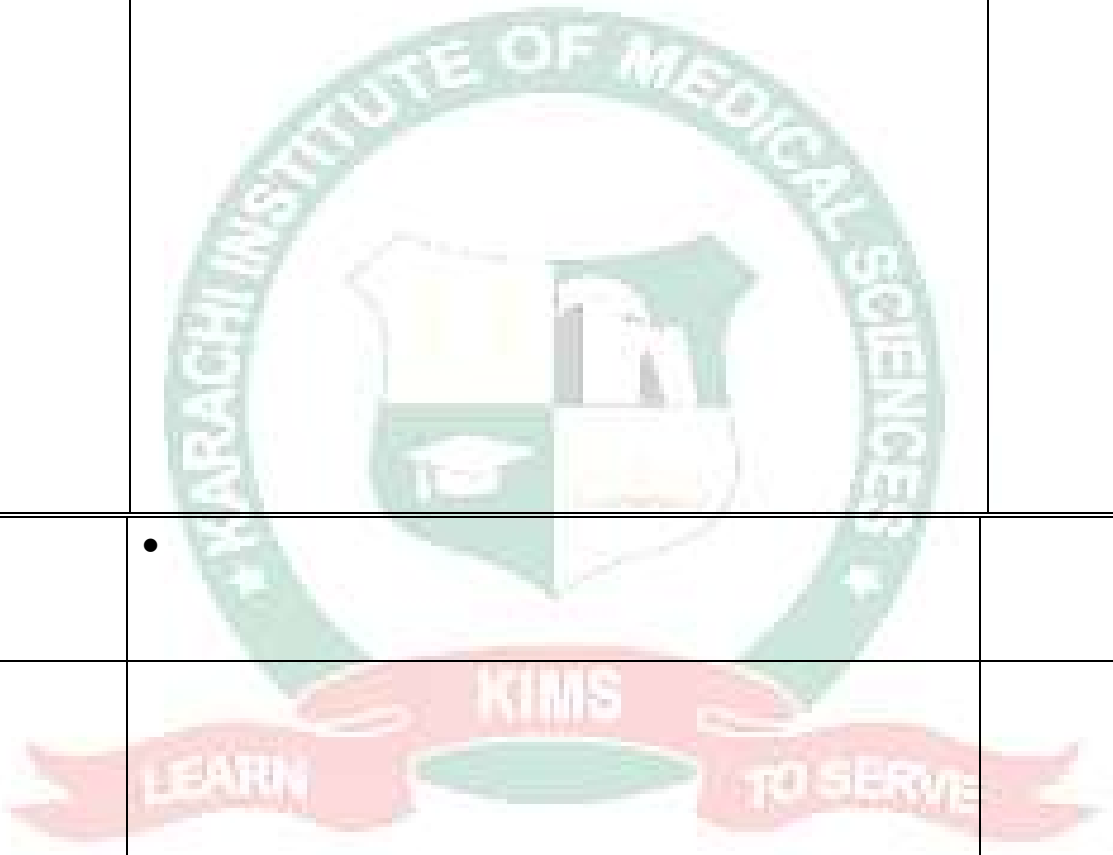
*KIMS FIRST YEAR MBBS STUDY GUIDE 2026*

Musculoskeletal disorders are among the most common causes of disability and functional limitation worldwide. Understanding the normal anatomy, physiology, and biochemistry of the musculoskeletal system is essential for recognizing the basis of related diseases and injuries. This module builds on previous knowledge and provides a clinically oriented foundation for future study of musculoskeletal pathologies and rehabilitation.

## ANATOMY

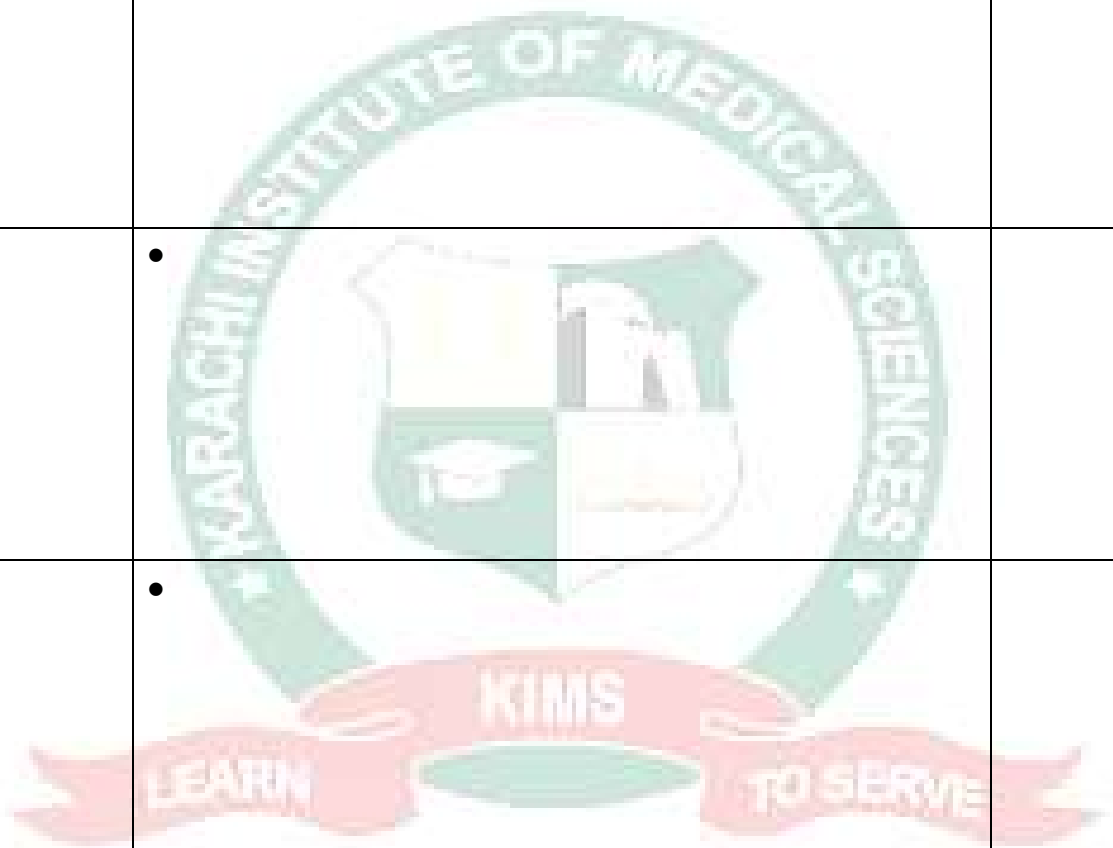
GENERAL ANATOMY		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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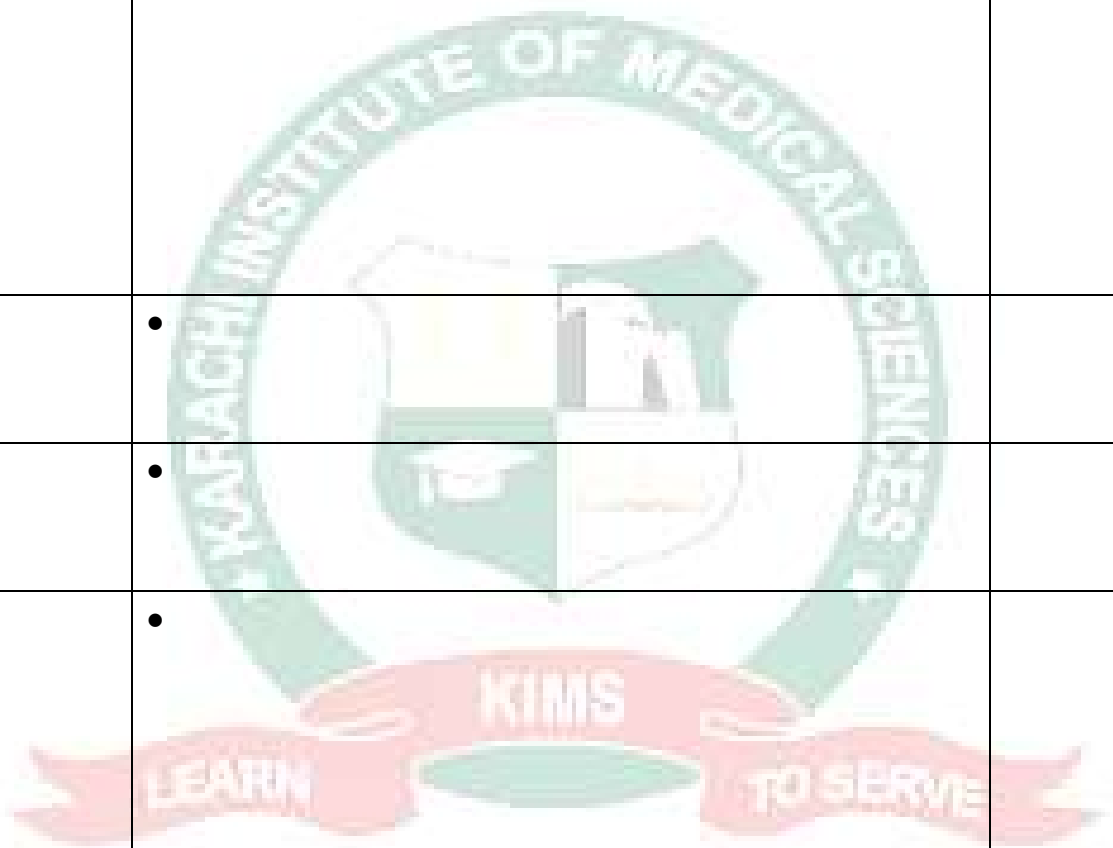
<b>GENERAL EMBRYOLOGY</b>		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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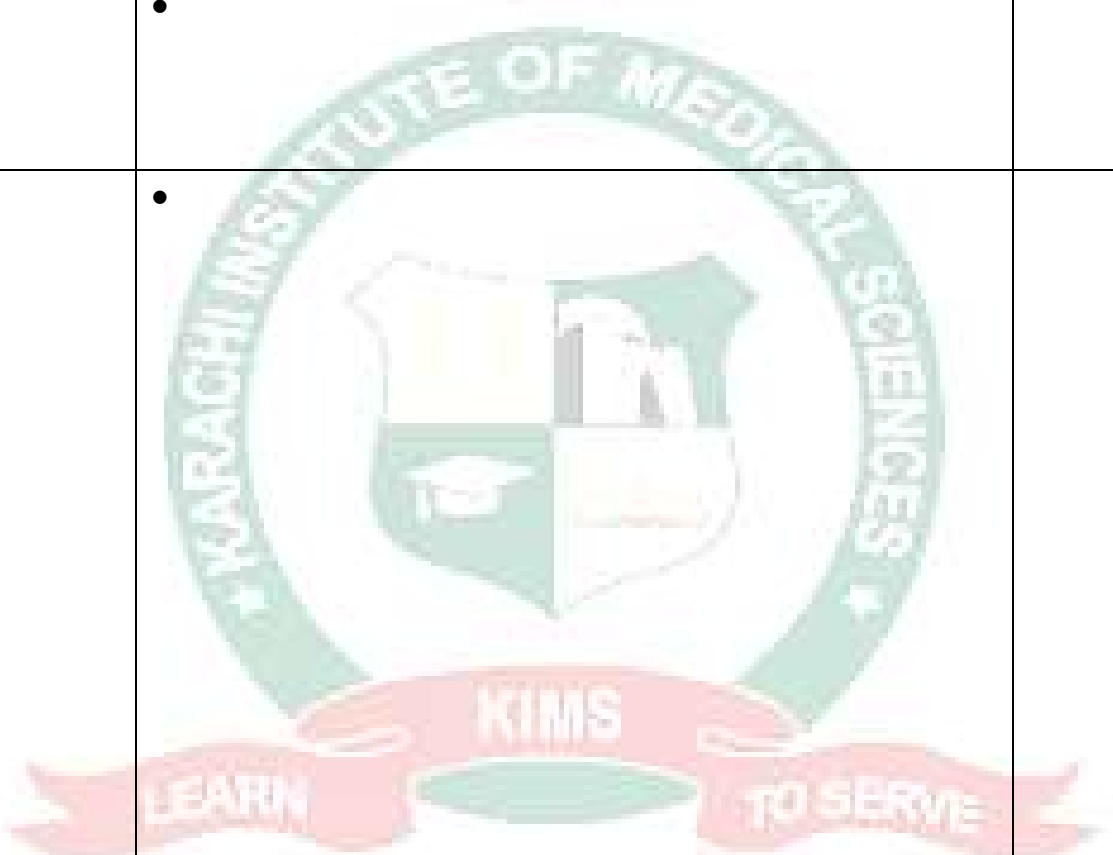
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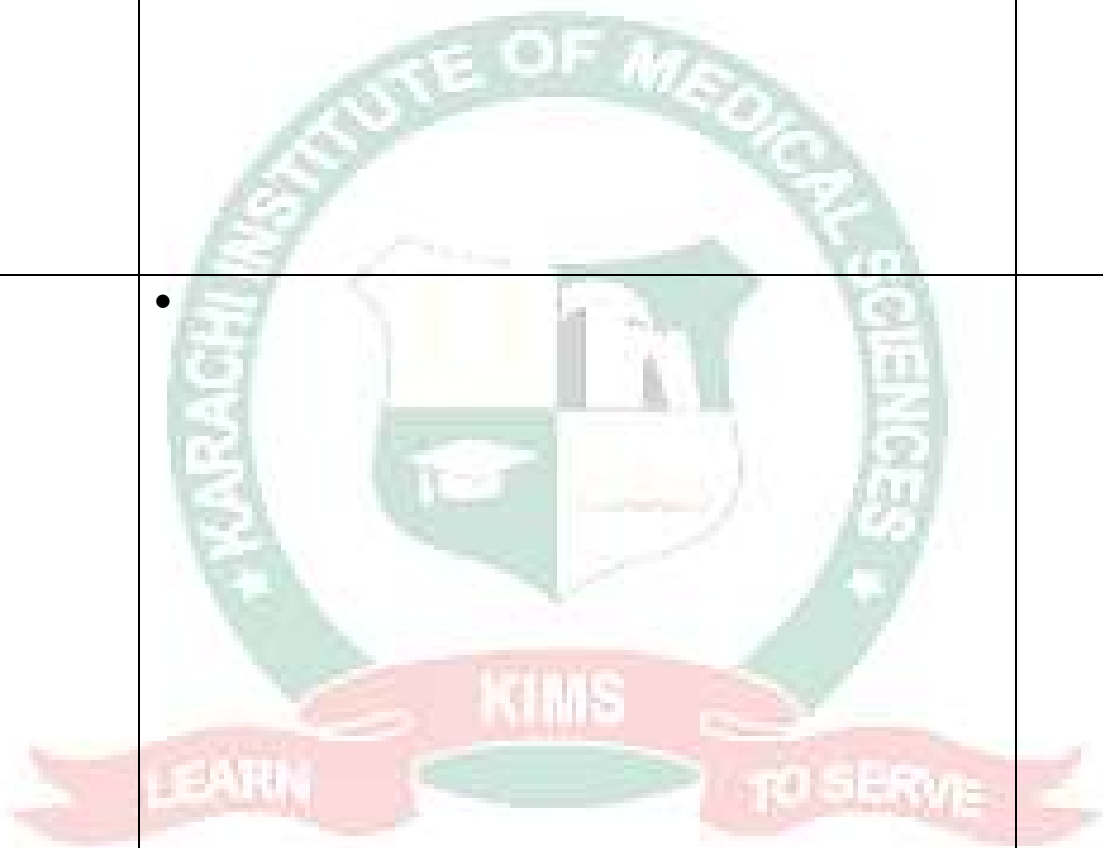


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<b>GENERAL HISTOLOGY</b>		
Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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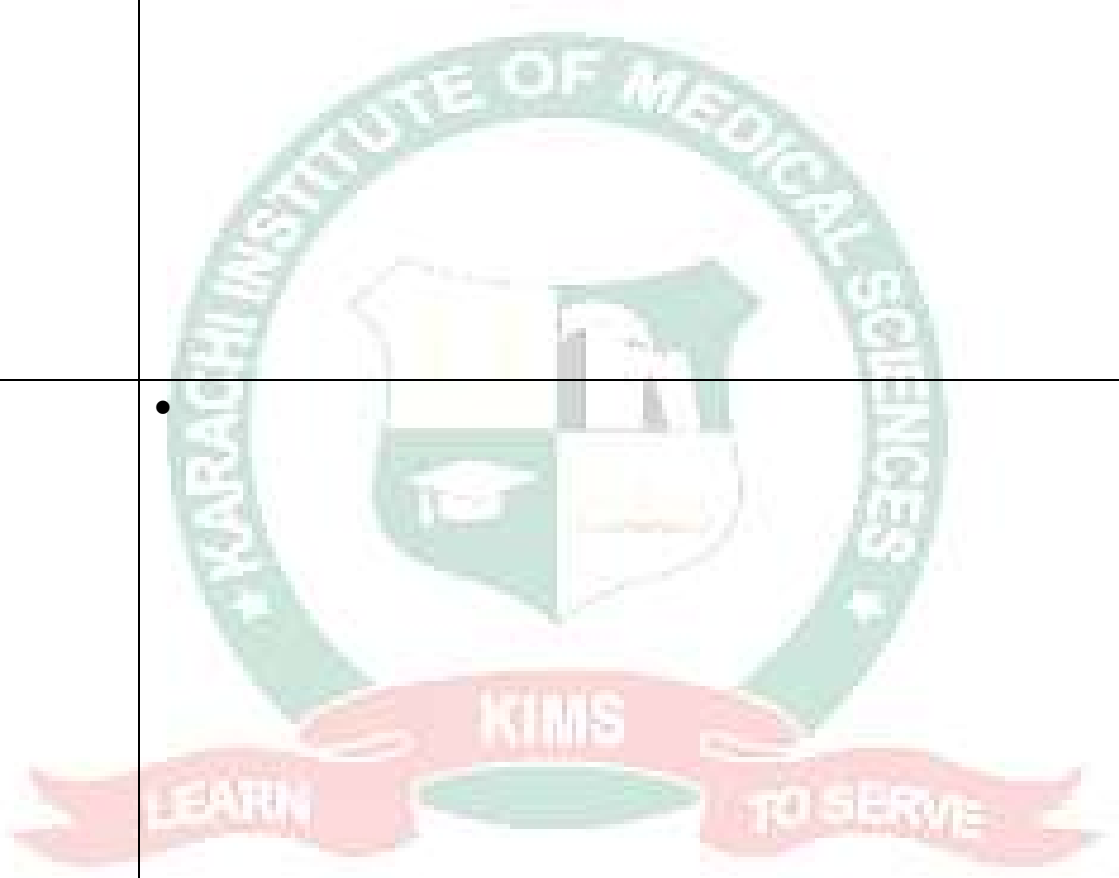
### HISTOLOGY PRACTICALS


Topics of the Module	Objectives: By the end of the module the students will be able to:
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## SMALL GROUP DISCUSSION/ CASE BASED LEARNING

Topics of the Module	Objectives: By the end of the module the students will be able to:
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\*Each Tutorial will be of \_\_\_ hours duration





<b>PRACTICALS*</b>	
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>
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<b>SMALL GROUP DISCUSSION/ CASE BASED LEARNING</b>	
<b>Topics of the Module</b>	<b>Objectives: By the end of the module the students will be able to:</b>
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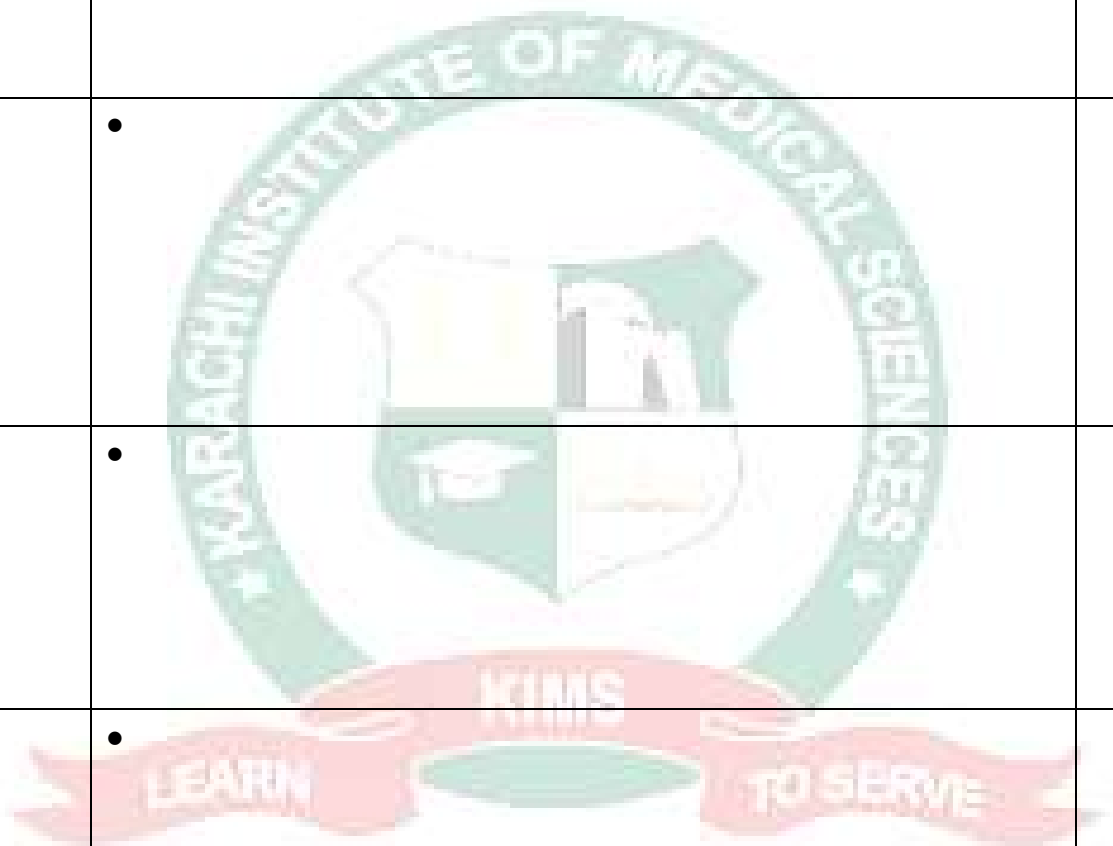
# BIOCHEMISTRY

Topics of the Module	Objectives: By the end of the module the students will be able to:	Teaching Strategies
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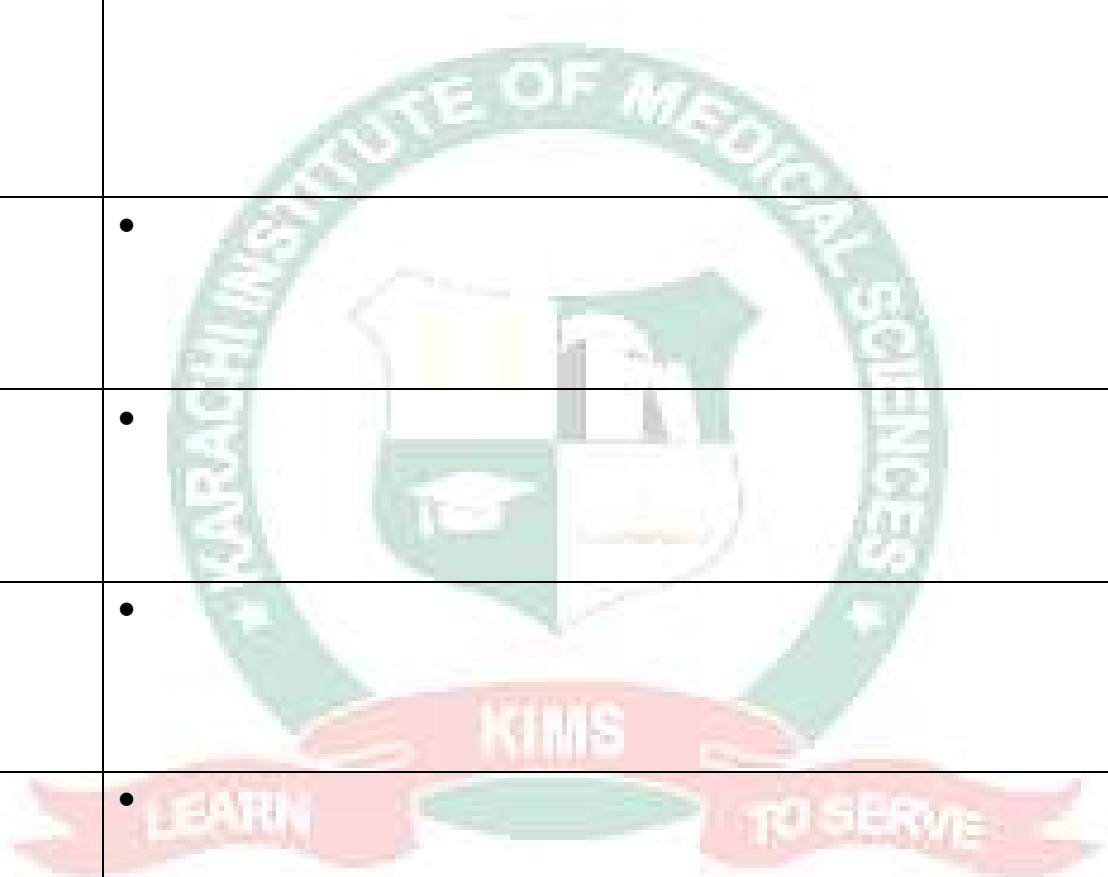


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## PRACTICALS

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**SMALL GROUP DISCUSSION/ CASE BASED LEARNING**

Topics of the Module	Objectives: By the end of the module the students will be able to:
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**GENERAL MEDICINE**

Topic	Learning Objectives	Teaching Strategies
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## GENERAL SURGERY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## BASIC OF RADIOLOGY

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## RESEARCH METHODOLOGY & EBM

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## SKILL SESSIONS


### SKILL LAB

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## THEME BASED SESSIONS

Topic	Learning Objectives
	

## BEHAVIOURAL SCIENCES

Topic	Learning Objectives	Teaching Strategies
	<ul style="list-style-type: none"><li></li></ul>	

## COMMUNICATION SKILLS

Topic	Learning Objectives	Teaching Strategies
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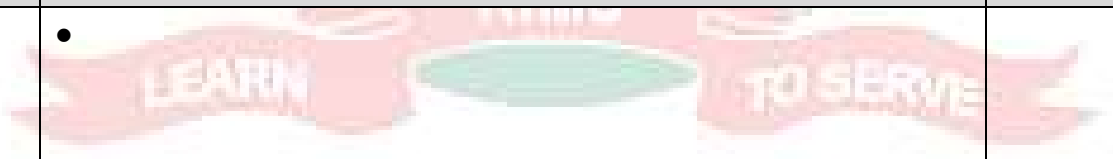
## LEADERSHIP & MANAGEMENT

Topic	Learning Objectives	Teaching Strategies
	•	



## PROFESSIONALISM

Topic	Learning Objectives	Teaching Strategies
	•	



## PAKISTAN STUDIES

Topic	Learning Objectives	Teaching Strategies

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## QURAN KAREEM

Topic	Learning Objectives	Teaching Strategies
	•	

## ISLAMIYAT

Topic	Learning Objectives	Teaching Strategies
	•	

## INTRODUCTION TO COMPUTER

Topic	Learning Objectives	Teaching Strategies
	•	

## EXPOSITORY WRITING

Topic	Learning Objectives	Teaching Strategies
	•	

## STRATEGIES FOR ENHANCED AND ADVANCED LEARNING

Topic	Learning Objectives	Teaching Strategies
	•	

## CO-CURRICULAR ACTIVITIES/SPORTS

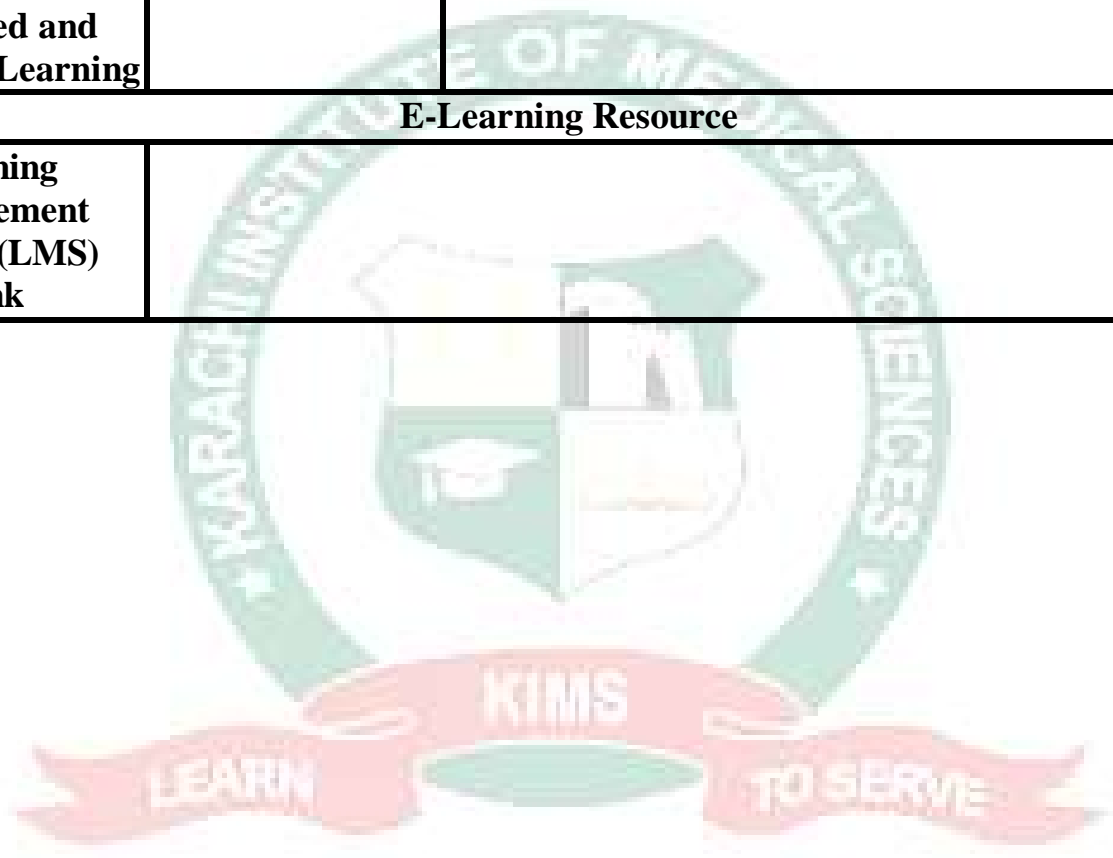
ACTIVITIES	DETAILS	DATES
	•	



## LEARNING RESOURCES

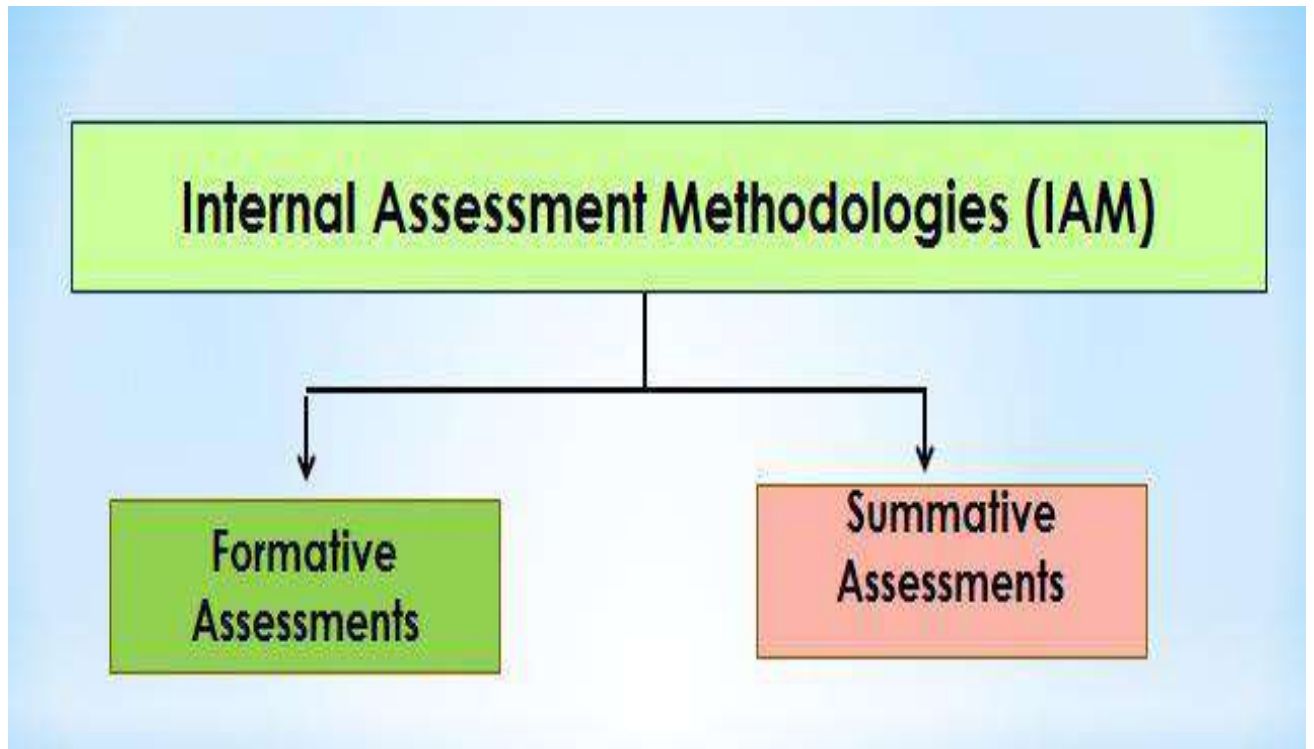
<b>ANATOMY</b>	<b>Text Books:</b>	<b><u>EMBRYOLOGY</u></b> •
	<b>Text Books:</b>	<b><u>HISTOLOGY</u></b> •
	<b>Text Books:</b>	<b><u>GROSSANATOMY</u></b> •
<b>PHYSIOLOGY</b>	<b>Text Books</b>	•
	<b>Reference Books</b>	•
<b>BIOCHEMISTRY</b>	<b>Text Books</b>	•
	<b>Reference Books</b>	•
<b>General Medicine</b>		•
<b>General Surgery</b>		•
<b>Radiology</b>		•
<b>Research Methodology &amp; EBM</b>		•
<b>Behavioural Sciences</b>		•
<b>Communication Skills</b>		•
<b>Leadership &amp; Management</b>		•

<b>Professionalism</b>		•
<b>Quran Kareem</b>		•
<b>Islamiyat</b>		•
<b>Introduction to Computer</b>		•
<b>Expository Writing</b>		•
<b>Strategies for Enhanced and Advanced Learning</b>		•
<b>E-Learning Resource</b>		
<b>Learning Management System (LMS) Link</b>		



## EXAMINATION

Each student undergoes internal and external series of examinations at KIMS



Internal Assessment focuses on the process of learning. It gives priority to psychomotor and affective skills. Its results are usually immediately made known to the learner and discussed with him/her to make the process of learning better.

There are two types of internal assessments

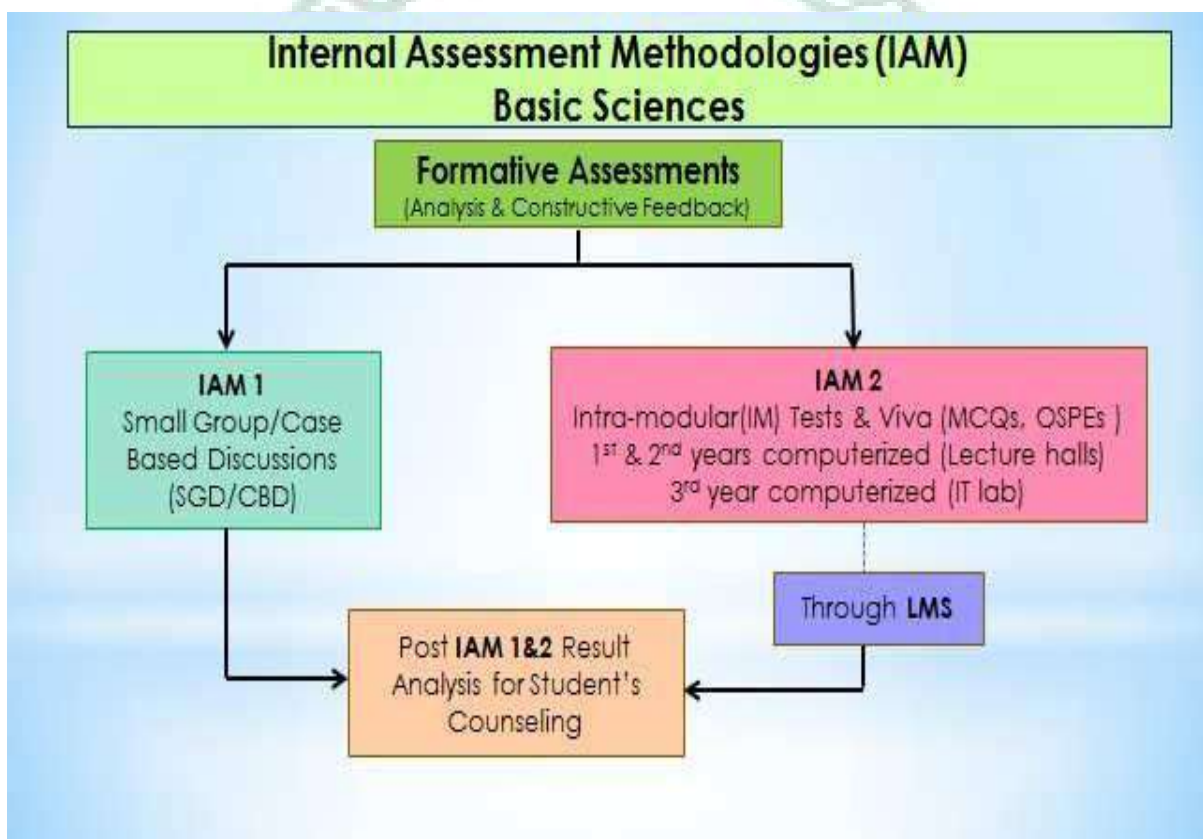
1. Formative Assessment
2. Summative Assessment

## Formative Assessment

Formative assessment monitors students' learning and provides ongoing feedback that can be used by teachers to improve their teaching and by students to improve their learning.

They are meant to help students identify their strengths and weaknesses and target areas that need work.

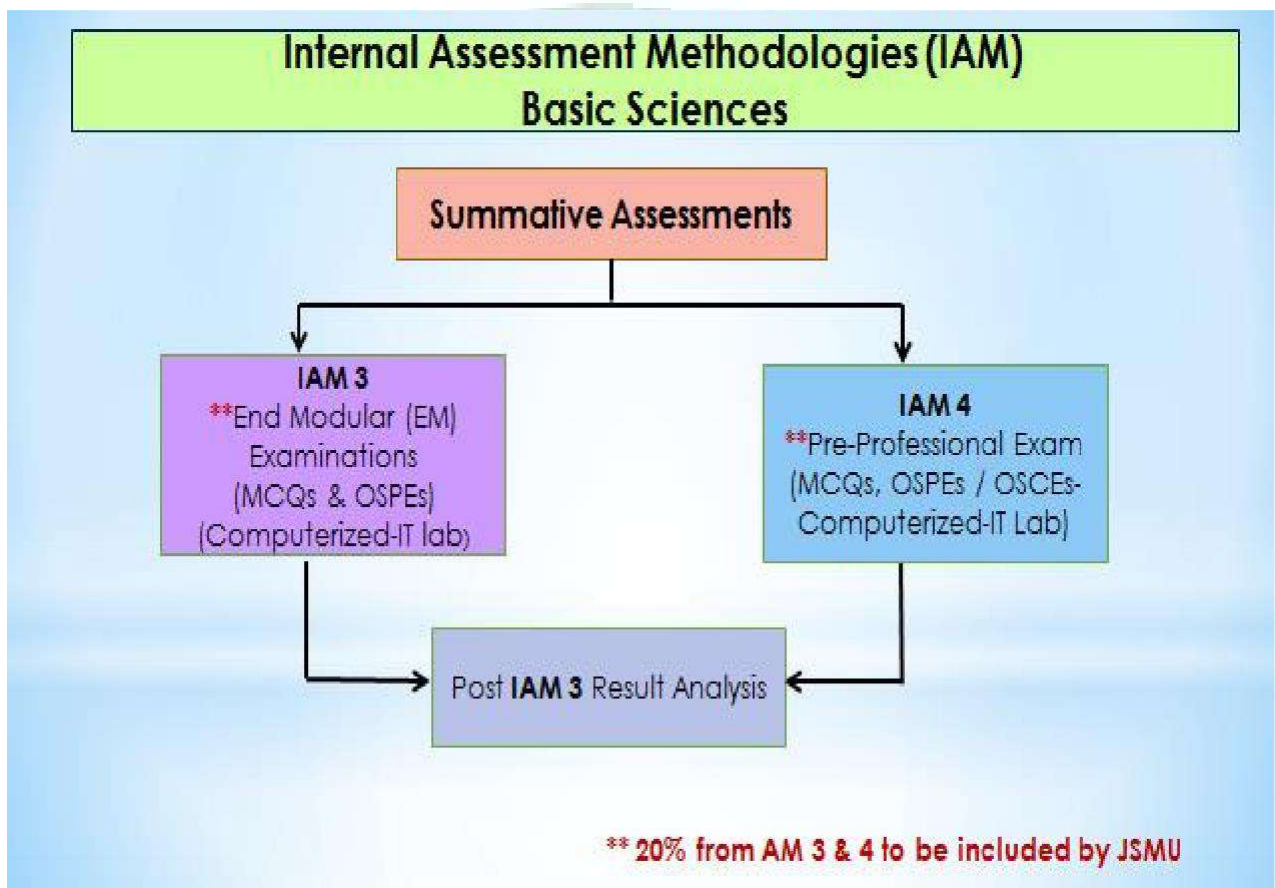
At KIMS students undergo series of written class tests (MCQs, Short Answer Questions), OSPE, Viva Exam and Journal Clubs to enhance their learning experiences.



## Summative Assessment

The goal of summative assessment is to evaluate student learning at the end of a module by comparing it against some standard or benchmark. Summative assessments are counted in the internal assessment which carries 20% weightage of total exam marks.

All theory summative exams will be computer-based.



**Summative/Continuous Assessment:**

This will include:

1. Module Tests
2. Pre-Prof Examination

The college will send your continuous assessment marks directly to JSMU

**Prof-Exam conducted by NUMS will include:**

1. Theory paper of One Best Answer
2. OSPE Exam
3. Continuous Assessment results



# FEEDBACK AND COUNSELING FACILITIES FOR STUDENTS

- A. Senior faculty members of all departments are actively involved in resolving academic and non-academic issues of allocated students and carrier counseling.
- B. Psychosocial counseling sessions (life skills) are regularly conducted by qualified student counselor
- C. Individual students are also referred to the student counselor, if needed

## **Robust feedback systems**

### **1. Feedback on attendance**

Attendance report is forwarded to students and parents on daily basis

### **2. Feedback on academic performance**

Academic performance reports are also regularly forwarded to students and parents. Moreover, individual students are given feedback on their academic performance during tutorials. MCQ and SEQ papers are also discussed with students in small groups.

### **3. Parents of weak students are regularly contacted (PTM sessions)**

1. Students' feedback on assessment strategies will be taken in a preformed proforma for feedback twice a year i.e., Mid-term and pre-prof exams.
2. Feedback of theory as well as OSPE/OSCE & Viva will be taken.
3. Department of Medical Education & Quality Enhancement Cell in collaboration with Exam Cell of AIMI is responsible to conduct this exercise.