



Annual Audit Report 2022-2023

Department of Anatomy

Rawalpindi Medical University

Compiled By

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Rawalpindi Medical University

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Professor of Anatomy
Dean Basic Health Sciences
Rawalpindi Medical University

Table of Contents

Introduction to Rawalpindi Medical University	1
Introduction to Department of Anatomy	2
Human Resource of the Department.....	4
Infrastructure	5
Ongoing Faculty Research Projects	6
Faculty Publications	7
Faculty Development Courses & Workshops.....	8
Remodeling of Department.....	9
Teaching Programs	10
Teachings & Trainings.....	11
Academic Calendar First Year MBBS (Batch-50)	12
Module 1- Foundation	13
Content Areas.....	13
Faculty Teaching Hours.....	13
Large Group Interactive Session Distribution	13
Practical/ Skill Lab Distribution	14
SGD/ CBL Distribution.....	14
Module 2- MSK-I	16
Content Areas.....	16
Faculty Contact Hours.....	16
Large Group Interactive Sessions	16
Practical/ Skill Sessions	17

SGD/ CBL Sessions	17
Module 3- MSK-II	19
Content Areas.....	19
Faculty Contact Hours.....	19
Large Group Interactive Sessions	19
Practical/ Skill Sessions	20
SGD/ CBL Sessions	20
Module 4- Blood & Immunity	23
Content Areas.....	23
Faculty Contact Hours.....	23
Large Group Interactive Sessions	23
Practical/ Skill Sessions	23
SGD/ CBL Sessions	24
Module 5- CVS	26
Content Areas.....	26
Faculty Contact Hours.....	26
Large Group Interactive Sessions	26
Practical/ skill Sessions	26
SGD/ CBL Sessions	27
Module 6- Respiration	29
Content Areas.....	29
Faculty Contact Hours.....	29
Large Group Interactive Sessions	29
Practical/ Skill Sessions	30
SGD/ CBL Sessions	30
Research Club Activity Sessions	32

Bioethics, Research and Professionalism Large Group Interactive Sessions.....	32
Academic Calendar Second Year MBBS (Batch 49).....	33
Module 1- GIT	34
Content Areas.....	34
Faculty Contact Hours.....	34
Large Group Interactive Sessions	34
Practical/Skills Lab Sessions.....	35
Module 2- Renal.....	38
Content Areas.....	38
Faculty Contact Hours.....	38
Large Group Interactive Sessions	38
Practical/Skills Sessions	38
SGD/CBL Sessions	39
Module 3- Reproduction	41
Content Areas.....	41
Faculty Contact Hours.....	41
Large Group Interactive Sessions	41
Practical/Skills Sessions	42
SGD/CBL Sessions	42
Module 4- CNS	45
Content Areas.....	45
Faculty Contact Hours.....	45
Large Group Interactive Sessions	45
Practical/Skills Sessions	46
SGD/CBL Sessions	47
Module 5- Special Senses	50

Content Areas	50
Faculty Contact Hours.....	50
Large Group Interactive Sessions	50
Practical/Skills Sessions	51
SGD/CBL Sessions	51
Module 6- Endocrinology	53
Content Areas	53
Faculty Contact Hours.....	53
Large Group Interactive Sessions	53
Practical/Skills Sessions	54
SGD/CBL Sessions	54
Research Club Activity Sessions	57
Bioethics, Leadership & Professionalism Large Group Interactive Sessions	57
Allied Health Sciences	58
Content Areas	58
1st Year Allied Health Sciences	59
Teaching Schedule	59
2nd Year Allied Health Sciences.....	65
Teaching Schedule	65
BSc Nursing	71
Teaching Schedule	71
Diploma in Medical Jurisprudence	73
Teaching Schedule	73
Assessments	74
Theory Paper Analysis	75
1st Year Block 1.....	75

Theory Paper Analysis	76
1st Year Block 2.....	76
Theory Paper Analysis	77
1 st Year Block 3	77
Theory Paper Analysis	78
2 nd Year Block 1.....	78
Theory Paper Analysis	79
2 nd Year Block 2.....	79
Theory Paper Analysis Reports	80
2 nd Year Block 3.....	80
Anatomy Assessment Scores	81
Evaluations	86
Student Attendance	87
Student Counseling	88
Anatomy Vision 2024	89

Introduction to Rawalpindi Medical University

Vision

Highly recognized and accredited centre of excellence in Medical Education, using evidence-based training techniques for development of highly competent health professionals, who are lifelong experiential learner and are socially accountable.

Mission

To impart evidence based research oriented health professional education in order to provide best possible patient care and inculcate the values of mutual respect, ethical practice of healthcare and social accountability.



Prof Muhammad Umar (S.I)
Vice Chancellor
Rawalpindi Medical University



New Lecture Theatre Complex
Main Campus
Rawalpindi Medical University

Introduction to Department of Anatomy

Vision

Centre for clinically oriented human anatomy teaching, training and research for future health professionals

Mission

To train undergraduate medical and allied students at the university in clinically oriented applied anatomy.

Message from the Head of Department

The Anatomy Department comprises of sixteen faculty members, four lecture halls, three laboratories, bone bank and museum.

International standard anatomy education is provided to more than 1200 students every year. It is affiliated with Rawalpindi Medical University and is recognized for MBBS, Nursing and Allied Health Disciplines.

Our goal is to provide a strong and intelligent educational foundation for healthcare workers with special emphasis on morals, compassion and dignity.



Prof Dr Ayesha Yousaf
MBBS, Mphil (Anatomy)
Head of Department
Dean Basic Health Sciences

Objectives

To provide high quality anatomy education to all students, in line with modern practices and ethical guidelines.

To encourage the advancement of anatomical knowledge through research and innovation.

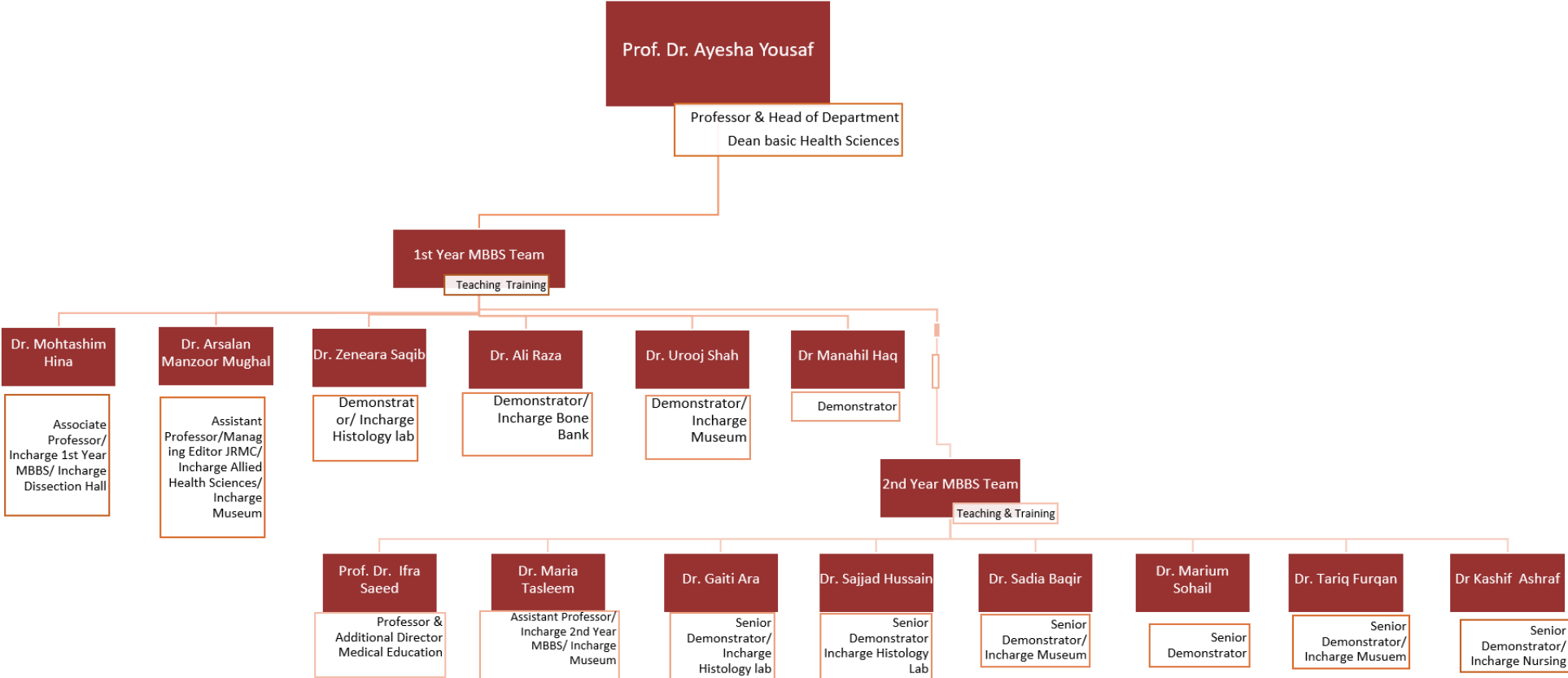
To teach our students clinical, moral and research-based implications of basic anatomical knowledge and practices.



Department of Anatomy








Organogram of Anatomy Department Rawalpindi Medical University











Human Resource of the Department




Senior Faculty

S No	Picture	Name	Designation PMDC NO.
1.		Dr. Ayesha Yousaf	Professor/ HOD Dean Basic Sciences 32049-P
2.		Dr. Ifra Saeed	Professor Additional Director DME 23561-p
3.		Dr. Mothashim Hina	Associate Professor 56959-P
4.		Dr. Arsalan Manzoor Mughal	Assistant Professor Managing Editor JRMC Co-Director CHPE & MHPE 49901-P
5.		Dr. Maria Tasleem	Assistant Professor 51363-S

Senior Demonstrators

S No	Picture	Name	Designation PMDC No
1.		Dr. Gaiti Ara	APWMO 21814-P
2.		Dr. Sadia Baqir	APWMO 36360-P
3.		Dr. Tariq Furqan	Sr. Demonstrator 19950-P
4.		Dr. Sajjad Hussain	Sr. Demonstrator 25890-P
5.		Dr. Maryam Sohail	Sr. Demonstrator 50414-P
6.		Dr. Zeneera Saqib	Sr. Demonstrator 55626-P
7.		Dr. Qurat Ul Ain	Sr. Demonstrator 74424-P
8.		Dr. Kashif Ashraf	Sr. Demonstrator 49119-P

Demonstrators

S No	Picture	Name	Designation
1.		Dr. Urooj Shah	Demonstrator 78036-P
2.		Dr. Ali Raza	Demonstrator 71087-P
3.		Dr. Minahil Haq	Demonstrator 56794-P

Supporting Staff

S. No	Name	Designation
1.	Muhammad Kabir	Junior Technician
2.	Muhammad Hafeez	Lab. Attendant
3.	Muhammad Bilal	Computer operator
4.	Shahid Mehmood	Junior technician
5.	Waseem Akram	Lab. Attendant
6.	Abid Mehmood	Lab. Attendant
7.	Abdul Jabbar	Embalmer
8.	Umer Farooq	Chowkidar
9.	Shahzad Masih	Sweeper

Infrastructure

The Department is located on the first floor of Main Campus Rawalpindi Medical University at Tipu Road comprising of,

Lecture Halls

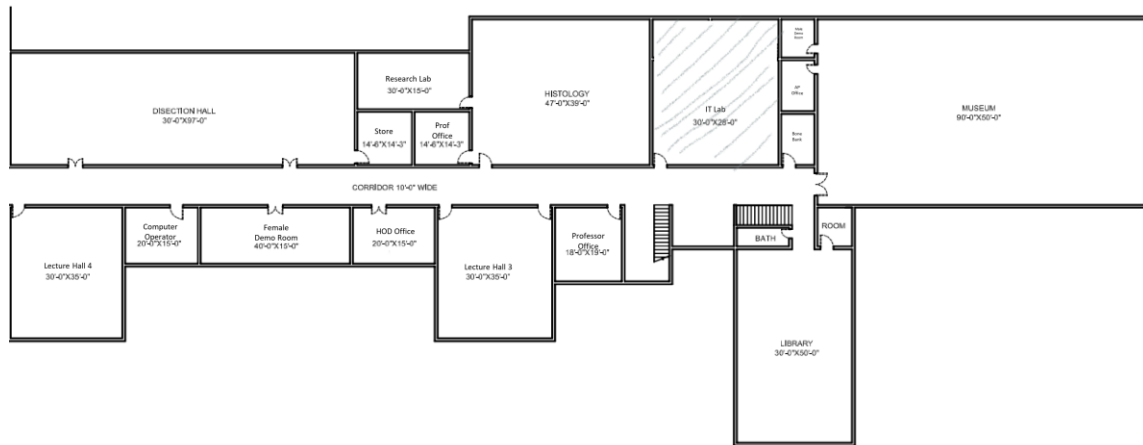
- Two State of the art lecture halls with 350 capacity each
- Two Departmental lecture halls with 200 capacity each

Laboratory

- One Dissection Hall with 175 seating capacity
- One Histology Museum with 100 seating capacity
- One Research Laboratory

Bone bank

Departmental Map



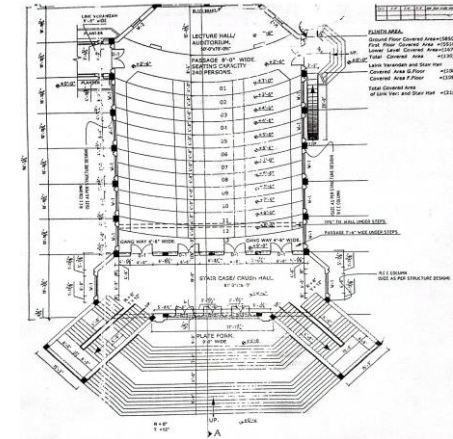
Anatomy Museum with 50 seating capacity

Faculty Offices

- Three Professor Offices
- Three Assistant/Associate Offices
- Two Demonstrator Rooms
- One Computer Operator Room

One Storage Room

New Lecture Theatre Complex



Ongoing Faculty Research Projects

1. Comparison of severity of COVID-19 symptoms in vaccinated versus unvaccinated people; a retrospective cross-sectional study” by Prof Ayesha Yousaf
2. “Impact of Personality Traits on Educational Performance and Choice of Specialty in Undergraduate Medical Students” By Dr Arsalan Manzoor Mughal
3. “Are our medical educators stressed? A cross sectional study in a public sector Pakistani Medical University” by Dr Arsalan Manzoor Mughal
4. “Neurophobia among medical students of Rawalpindi Medical University” by Dr Arsalan Manzoor Mughal
5. “Undergraduate Readiness for Research at Rawalpindi Medical University in Pre-Clinical Years” by Dr Arsalan Manzoor Mughal
6. “Benzodiazepine Use and Misuse among Medical students in Punjab,Pakistan: Prevalence of and Motivation for Use” by Dr Maria Tasleem
7. “Relationship Between Attendance and Academic Performance Among Medical Students” by Dr Maria Tasleem
8. “Assessing Medical Students’ knowledge and perception about Health Research: Effectiveness of Research Curriculum in Rawalpindi Medical University”
by Dr Gaiti Ara
9. “Risk factors associated with hepatocellular carcinoma in patients of RMU Allied Hospitals Oncology Department” by Dr Sadia Baqir
10. “Prevalence of primary Dysmenorrhea with its associated complaints and management strategies among students of RMU” by Dr Maryam Sohail
11. “Knowledge, Attitude and Practice based study of glycemic control and its related factors among Type II diabetes mellitus at public health care facilities
Rawalpindi” by Dr Sajjad Hussain
12. “Exploring the relation between Selfesteem and GPA in medical undergraduate in Rawalpindi Medical University” by Dr Sajjad Hussain
13. “Assessment of attitude and vaccination status of pre-clinical students of Rawalpindi Medical University towards hepatitis B vaccination” by Dr Zaneera
Saqib
14. “Awareness on menstrual hygiene among 1st and 2nd year RMU girls” by Dr Quarrat Ul Ain
15. “Knowledge regarding attitude and safe injection practices among medical students” by Dr Urooj Shah
16. “The power of physical activity in nurturing the Mental Health of Pakistani medical student- A narrative review” by Dr Ali Raza
17. “Comparison of Factors causing Emotional and Physical Distress among Hostilities and Day Scholars of Rawalpindi Medical University (RMU)” by Dr Ali
Raza

Faculty Development Courses & Workshops

1. Workshop on “Standardization of LGIS, SGD and Practicals” conducted by Prof Ayesha Yousuf on 21-02-2023 in Deans Hall
2. Workshop on “Essential Powerpoint Skills for developing presentations according to Prof Umar’s Model of Integrated Sessions” conducted by Dr Arsalan Manzoor Mughal on 02-10-2023 at Anatomy Lecture Hall 3.
3. Workshop on “Standardization of OSPE for MBBS 1st and 2nd Professional” conducted by Dr Arsalan Manzoor Mughal on 3-06-23 at New Lecture Theatre.
4. Workshop on Multiple Choice Questions in the Digital Age by Prof Rahmah Sarfaraz and Dr. Arsalan Manzoor Mughal on 6-12-23

WORKSHOP
Multiple Choice Questions in the Digital Age
Writing quality MCQs with Artificial Intelligence
DECEMBER, 6TH 2023 9:00AM-12:00PM
NEW LECTURE HALL 1, MAIN CAMPUS
RAWALPINDI MEDICAL UNIVERSITY

Prof. Muhammad Umar (S.I)
Patron
Vice Chancellor
Rawalpindi Medical University

Prof. Ayesha Yousaf
Director
Dean Basic Health Sciences
Rawalpindi Medical University

Prof. Rahmah Sarfaraz
Guest Facilitator
Head Department of Medical Education
Islamabad Medical and Dental College

Dr. Arsalan Manzoor Mughal
Facilitator
Co-Director MHPE
Rawalpindi Medical University

FOR REGISTRATIONS
Dr Maria Tasleem
Assistant Professor of Anatomy
Rawalpindi Medical University
Phone: 03248895502
Email: marriahnouman@gmail.com
Registration Fee: Rs 1000
Limited seats available

WORKSHOP OBJECTIVES
Avoiding common flaws in MCQs Writing
Using Artificial Intelligence to develop quality MCQs



Remodeling of Department

Anatomy Museum



Digital Corner at Anatomy Museum

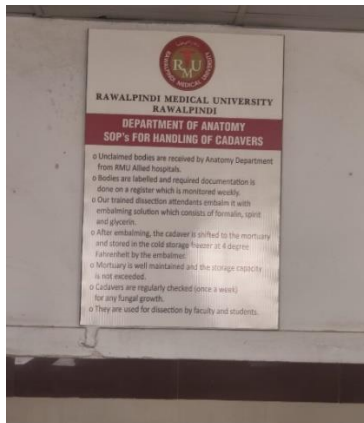


Coding and Organization of Models according to Regions



SOPs for Museum

Anatomy Dissection Hall



SOPs for handling Cadavers



Display of Practical Application of Gross Anatomy Knowledge- "Theory to Practice"

Corridor



Anatomy Display Gallery

Teaching Programs

Disciplines

The department caters to teaching and training of over 1000 undergraduate and postgraduate students in the following disciplines.

MBBS

- 1st Year (376 students)
- 2nd Year (374 students)

B.Sc and Allied Health Sciences

- **1st Year** (124 students)
 - Optometry
 - Orthotics
 - Doctor of physiotherapy
 - Medical Imaging Technology(MIT)
 - Medical Laboratory Technology(MLT)
- **2nd Year** (80 Students)
 - Doctor of physiotherapy
 - Optometry

B.Sc Nursing

- 1st Year (500 students)

Diploma in Medical Jurisprudence (7 postgraduate students)

Subjects

General Anatomy

It is the foundational study of the body's structures and their relationships, providing a broad understanding of anatomical terminology and basic organ systems.

Gross Anatomy

It focuses on the examination of organs and tissues visible to the naked eye, exploring their structure and function through dissection and observation.

Microscopic Anatomy (Histology)

It delves into the intricate world of tissues and cells, using microscopy to study their morphology and function in detail.

Developmental Anatomy (Embryology)

It investigates the growth and formation of organisms from conception to birth, exploring the development of anatomical structures and their changes over time

Radiological Anatomy

It involves the use of medical imaging techniques such as X-rays, CT scans, and MRIs to visualize and analyze the internal structures of the body, aiding in diagnosis and treatment.

Clinical Anatomy

It applies anatomical knowledge to the practice of medicine, helping healthcare professionals understand the anatomical basis of diseases, surgical procedures, and patient care.



Large Group Interactive Session



Histology Practical Session

Teachings & Trainings

Academic Calendar First Year MBBS (Batch-50)

BLOCKS	BLOCK-1		BLOCK II		BLOCK III		Revision Module	Schedule Of Send Up And Professional Examination			
Module	Foundation Module	MSK-I	MSK - II	Blood and Immunity	CVS	Respiration		Prep leaves for send up	Send up	Prep leaves for professional examination	Professional examination
Duration in Weeks	06	05	05	05	05	04	02				
Dates	13-Feb – 25 th March 2023	27 th March- 13 th May 2023	17 th May – 24 th June 2023 (Sports Week 22 nd – 27 th May)	24 th July to 26 th August 2023 (26 th June– 22 nd July Summer Vacation)	28 th Aug to 30 th Sep 2023	2 nd Oct to 28 th Oct 2023	30 th Oct – 11 th Nov	(12 th Nov to 25 th November (14 days)	27 th Nov, 2023 to 09 th Dec, 2023 (14 Days)	(10 th Dec to 31 st Dec,2023) (20 days)	1 st Jan 2023 to 22 nd January, 2024 (22 days) Annexure I

- Vacation Schedule during Academic Year 2023
 - 14th – 21st April - Spring Vacation
 - 22nd – 24th April Eid ul Fitr Holidays
 - 22nd – 27th May - Students week
 - 26th June – 22nd July - Summer Vacation

Module 1- Foundation

Content Areas

General Embryology	General Histology	Gross Anatomy
Introduction To Human Development Oogenesis Spermatogenesis Female Reproductive Cycles Ovulation And Fertilization Cleavage And Blastocyst Formation Development Of Mammary Gland	Types Of Epithelium Specialization Of Apical Cell Surface Intercellular Junctions and Adhesions Glandular Epithelium Histology Of Mammary Gland	Anatomicomedical Terminologies I Anatomicomedical Terminologies II (Anatomical Terms And Axis Of Movements) Anatomicomedical Terminologies III (Cell and Tissues) Anatomicomedical Terminologies IV (Skin & Body System) Clavicle Scapula Humerus Anterior Axioappendicular Muscles Posterior Axioappendicular Muscles Axilla Brachial Plexus Brachial Plexus Injuries Breast Sternoclavicular And Acromioclavicular Joints Radiograph And Surface Anatomy of Axioappendicular Region

Faculty Teaching Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 13 = 26 hours
2	Small Group Discussions (SGD)	2*12+ 1*2=26 hours
3	Case Based Learning (CBL)	2* 2 = 4 hours
4	Practical / Skill Lab	1.5 * 20 = 30 hours

Large Group Interactive Session Distribution

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	Introduction To Anatomy Department	Prof. Dr. Ayesha Yousaf	Even	13-02-2023
			Odd	
2.	Introduction to Human Development	Prof. Dr. Ayesha Yousaf	Even	16-02-2023
			Odd	17-02-2023
3.	Introduction to General Anatomy	Dr Arslan Manzoor Mughal	Even	17-02-2023
			Odd	16-02-2023
4.	Gametogenesis	Prof. Dr. Ayesha Yousaf	Even	28-02-2023
			Odd	04-03-2023
5.	Types of Epithelium	Dr Mohtasham	Even	04-3-2023
			Odd	28-02-2023
6.	Female reproductive cycles	Prof. Dr. Ayesha Yousaf	Even	07-03-2023
			Odd	06-03-2023

7.	Specialization of Apical cell surface	Dr Mohtasham	Even	06-03-2023
			Odd	07-03-2023
8.	Intercellular junctions and adhesions	Dr Mohtasham	Even	09-03-2023
			Odd	10-03-2023
9.	Ovulation and fertilization	Prof. Dr. Ayesha Yousaf	Even	10-03-2023
			Odd	09-03-2023
10.	Cleavage and formation of blastocyst	Prof. Dr. Ayesha Yousaf	Even	13-03-2023
			Odd	16-03-2023
11.	Histology of Glands	Dr Mohtasham	Even	16-03-2023
			Odd	13-03-2023
12.	Histology & development of Mammary Gland	Dr Mohtasham	Even	18-03-2023
		Prof. Dr. Ayesha Yousaf	Odd	18-03-2023

Practical/ Skill Lab Distribution

Sr. No.	Topic	Batch	SupervisedBy	Teacher	Date
1.	Introduction to Microscope, Preparation of Slide And Artifacts	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr. Zaneera	20-02-2023
		D			21-02-2023
		E			22-02-2023
		B			23-02-2023
		A			25-02-2023
2.	Simple Epithelium	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Zaneera Dr. Ali Raza Dr. Urooj	27-02-2023
		D			28-02-2023
		E			01-03-2023
		B			02-03-2023
		A			04-03-2023
3.	Stratified epithelium & transitional epithelium	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Urooj Dr. Tariq Dr.Zaneera	06-03-2023
		D			07-03-2023
		E			08-03-2023
		B			09-03-2023
		A			11-03-2023
4.	Mammary Gland	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Tariq Dr. Urooj Dr.zaneera	13-03-2023
		D			14-03-2023
		E			15-03-2023
		B			16-03-2023
		A			18-03-2023

SGD/ CBL Distribution

Sr.No.	Topic	Supervised By	Batch	Name Of Teacher	Date
1.	Anatomicomedical terminologies I (positions and planes)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera Saqib	15-02-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
2.	Anatomicomedical terminologies II (Anatomical terms and axis of movements)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera Saqib	16-02-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
3.	Anatomicomedical terminologies III (Cell and tissues)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera Saqib	18-02-2023
			B	Dr Urooj Shah	

			C	Dr Ali Raza	
4.	Anatomicomedical terminologies IV (Skin and body systems)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	20-02-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
5.	Clavicle	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	21-02-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
6.	Scapula	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	22-02-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
7.	Humerus	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	25-02-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
8.	Anterior axioappendicular muscles	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	27-02-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
9.	Posterior axioappendicular muscles	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	28-02-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
10.	Dissection / Spotting	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	04-03-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
11.	Axilla	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	08-03-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
12..	Brachial plexus	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	11-03-2023
			B	Dr Urooj Shah	
			C	Dr. Zeneera Saqib	
13.	Brachial plexus injuries	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	13-03-2023
			B	Dr Ali Raza	
			C	Dr. Zeneera Saqib	
15.	Breast	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	14-03-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
16.	Dissection/spotting	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	15-03-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
17.	Sternoclavicular and acromioclavicular joints	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	16-03-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
18.	Radiograph/Surface anatomy of axioappendicular region	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	17-03-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	
19.	Dissection/Spotting	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	18-03-2023
			B	Dr Urooj Shah	
			C	Dr Ali Raza	

Module 2- MSK-I

Content Areas

General Anatomy	Embryology	Histology	Gross Anatomy
Bones Joints	Second Week of Human Development till Placenta & Fetal Membranes	Connective Tissue Cartilage Bone	Shoulder joint till Hand

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 17 = 34 hours
2	Small Group Discussions (SGD)	1.5*15=22.5 hours
3	Case Based Learning (CBL)	1.5* 2 = 3 hours
4	Practical / Skill Lab	1.5 * 20 = 30 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	Second Week of Human Development	Prof. Dr. Ayesha	Even	27-03-2023
			Odd	29-03-2023
2.	Connective tissue - I	Dr. Mohtasham	Even	29-03-2023
			Odd	27-03-2023
3.	General Anatomy Bone-I	Dr. Arslan	Even	30-03-2023
			Odd	01-04-2023
4.	Connective tissue-II	Dr. Mohtasham	Even	31-03-2023
			Odd	30-03-2023
5.	Gastrulation (3rd week)	Prof. Dr. Ayesha	Even	01-04-2023
			Odd	31-03-2023
6.	General Anatomy Bone-II	Dr. Arslan	Even	03-04-2023
			Odd	04-04-2023
7.	Notochord formation & Differentiation of Somites (3rdweek)	Prof. Dr. Ayesha	Even	04-04-2023
			Odd	03-04-2023
8.	Connective Tissue-III	Dr. Mohtasham	Even	05-04-2023
			Odd	06-04-2023
9.	Neurulation (3rd week)	Prof. Dr. Ayesha	Even	06-04-2023
			Odd	05-04-2023
10.	Early development of CVS & Highlights	Prof. Dr. Ayesha	Even	06-04-2023

	of 4th-8th week		Odd	08-04-2023
11.	Cartilage	Dr. Mohtasham	Even	08-04-2023
			Odd	07-04-2023
12.	Folding Of Embryo	Prof. Dr. Ayesha	Even	10-04-2023
			Odd	11-04-2023
13.	Bone	Dr. Mohtasham	Even	11-04-2023
			Odd	10-04-2023
14.	General Anatomy Joints I	Dr. Arslan	Even	12-04-2023
			Odd	13-04-2023
15.	Fetal period	Prof. Dr. Ayesha	Even	13-04-2023
			Odd	12-04-2023
16.	Placenta	Prof. Dr. Ayesha	Even	25-04-2023
			Odd	26-04-2023
17.	General Anatomy Joints II	Dr. Arslan	Even	26-04-2023
			Odd	25-04-2023
18.	Fetal membranes & multiple pregnancy	Dr. Arsalan	Even	28-04-2023
		Prof. Dr. Ayesha	Odd	28-04-2023

Practical/ Skill Sessions

Sr. No.	Topic	Batch	Supervised By	Teacher	Date
1.	Connective Tissue I	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr. Zaneera	27-03-2023
		D			28-03-2023
		E			29-03-2023
		B			30-03-2023
		A			01-04-2023
2.	Connective Tissue II	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Zeneera Dr. Ali Raza Dr. Urooj	03-04-2023
		D			04-04-2023
		E			05-04-2023
		B			06-04-2023
		A			08-04-2023
3.	Cartilage	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Urooj Dr. Tariq Dr.Zaneera	10-04-2023
		D			11-04-2023
		E			12-04-2023
		B			13-04-2023
		A			26-04-2023
4.	Bone	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Tariq Dr. Urooj Dr.zaneera	29-04-2023
		D			25-04-2023
		E			26-04-2023
		B			27-04-2023
		A			29-04-2023

SGD/ CBL Sessions

SR.NO	TOPIC	SUPERVISED BY	BAT CH	NAME OF TEACHER	DATE
1	Shoulder joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	28-03-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	

2	Flexor compartment & Neurovascular organization of arm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	29-03-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
3	Extensor compartment & Neurovascular organization of arm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	30-03-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
4	Dissection & Spotting	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	01-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
5	Bones of forearm Ulna & Radius	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	03-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
6	Flexor compartment of forearm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	04-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
7	Extensor compartment of forearm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	05-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
8	Neurovascular organization of forearm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	06-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
9	Elbow joint & Anastomosis around elbow joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	07-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
10	Proximal & Distal Radioulnar joints	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	08-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
11	Bones of Hand	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	11-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
12	Wrist joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	12-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
13	Dorsum of Hand, Flexor & Extensor Retinacula	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	13-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
14	Palm of Hand & Facial spaces	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	25-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
15	Neurovascular Organization of Hand	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	27-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	
16	Cutaneous innervation & Dermatomes of upper limb , Force & weight transmission & Surface Marking	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera	29-04-2023
			B	Dr. Urooj Shah	
			C	Dr. Ali Raza	

Module 3- MSK-II

Content Areas

General Anatomy	Embryology	Histology	Gross Anatomy
Muscles Skin	Development of Axial Skeleton Development of limbs Development of muscles	General Histology Muscles Skin Skin appendages	Gluteal Region to Lateral compartment of leg

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 13 = 26 hours
2	Small Group Discussions (SGD)	2*21=42 hours
3	Case Based Learning (CBL)	2* 2 = 4 hours
4	Practical / Skill Lab	1.5 * 20 = 30 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	General Anatomy Muscle I	Dr Arsalan	Even	22-05-2023
			Odd	23-05-2023
2.	General Histology Muscle I	Dr Mohtasham	Even	23-05-2023
			Odd	22-05-2023
3.	General Anatomy Muscle II	Dr Arsalan	Even	24-05-2023
			Odd	25-05-2023
4.	General Histology Muscle II	Dr Mohtasham	Even	25-05-2023
			Odd	24-05-2023
5.	Development of Axial Skeleton	Prof. Dr Ayesha	Even	29-05-2023
			Odd	01-06-2023
6.	Histology of Skin	Dr Mohtasham	Even	01-06-2023
			Odd	29-05-2023
7.	Histology of Skin appendages	Dr Mohtasham	Even	02-06-2023
			Odd	03-06-2023
8.	Development of limbs	Prof. Dr Ayesha	Even	03-06-2023
			Odd	02-06-2023
9.	Development of Muscles	Prof. Dr Ayesha	Even	05-06-2023
			Odd	07-06-2023
10.	General Anatomy of Skin	Dr Arsalan	Even	07-06-2023
			Odd	05-06-2023

Practical/ Skill Sessions

Sr. No.	Topic	Batch	Supervised By	Teacher	Date
1.	Skeletal Muscle	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.Zaneera Dr. Qurat ul Ain	22-05-2023
		D			23-05-2023
		E			24-05-2023
		B			25-05-2023
		A			27-05-2023
2.	Smooth and cariac Muscles	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.Zaneera Dr. Qurat ul Ain	29-05-2023
		D			30-05-2023
		E			31-05-2023
		B			01-06-2023
		A			03-06-2023
3.	Thick skin	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.Zaneera Dr. Qurat ul Ain	05-06-2023
		D			06-06-2023
		E			07-06-2023
		B			08-06-2023
		A			10-06-2023
4.	Thin skin	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.Zaneera Dr. Qurat ul Ain	12-06-2023
		D			13-06-2023
		E			14-06-2023
		B			15-06-2023
		A			17-06-2023

SGD/ CBL Sessions

Sr.No	Topic	Supervised By	Batch	Name Of Teacher	Date
1	Hip bone	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	22-05-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
2	Hip bone	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	23-05-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
3	Femur / Patella	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	24-05-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
4	Femur	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	25-05-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	

5	Anterolateral compartment of thigh (muscles)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	27-05-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
6	Anterolateral compartment of thigh (Neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	29-05-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
7	Dissection	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	30-05-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
8	Medial Compartment of thigh	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	31-05-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
9	Dissection	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	01-06-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
10	Gluteal Region (muscles)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	02-06-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
11	Gluteal Region (Neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	03-06-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
12	Dissection	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	05-06-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
13	Posterior compartment of thigh (muscles)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	06-06-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
14	Posterior compartment of thigh (Neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	07-06-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
15	Dissection	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	08-06-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
16	Tibia	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	09-06-2023
			B	Dr Zeneera Saqib	
			C	Dr Ali Raza	
			D	Dr Qurat ul Ain	
17	Hip joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Urooj Shah	10-06-2023
			B	Dr Zeneera Saqib	

			C D	Dr Ali Raza Dr Qurat ul Ain	
18	Fibula	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Urooj Shah Dr Zeneera Saqib Dr Ali Raza Dr Qurat ul Ain	12-06-2023
19	Popliteal Fossae	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Urooj Shah Dr Zeneera Saqib Dr Ali Raza Dr Qurat ul Ain	13-06-2023
20	Knee joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Urooj Shah Dr Zeneera Saqib Dr Ali Raza Dr Qurat ul Ain	14-06-2023
21	Anterior compartment of leg (muscles and neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Urooj Shah Dr Zeneera Saqib Dr Ali Raza Dr Qurat ul Ain	15-06-2023
22	Lateral compartment of leg (muscles and neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Urooj Shah Dr Zeneera Saqib Dr Ali Raza Dr Qurat ul Ain	16-06-2023
23	Surface Anatomy / Radiology	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Urooj Shah Dr Zeneera Saqib Dr Ali Raza Dr Qurat ul Ain	17-06-2023

Module 4- Blood & Immunity

Content Areas

Embryology	Histology	Gross Anatomy
Development of pharyngeal arches Development of spleen Development of thymus	Spleen Thymus Lymph nodes Tonsils	Lower Limb Posterior compartment of leg to foot

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 04 = 08 hours
2	Small Group Discussions (SGD)	2*16 =32 hours
3	Practical / Skill Lab	1.5 * 20 = 30 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	Development of Pharyngeal Arches	Prof. Dr. Ayesha	Even	29-07-2023
			Odd	31-07-2023
2.	Development and Histology of Lymph Node	Dr. Mohtasham	Even	31-07-2023
			Odd	29-07-2023
3.	Histology and Development of Spleen	Dr. Arslan	Even	11-08-2023
			Odd	09-08-2023
4.	Histology of Thymus and Tonsils	Dr. Mohtasham	Even	09-08-2023
			Odd	11-08-2023

Practical/ Skill Sessions

Sr. No.	Topic	Batch	Supervised By	Teacher	Date
1.	Lymph node	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr. zaneera Dr. Qurat ul Ain	26-06-2023
		D			27-06-2023
		E			28-06-2023
		B			29-06-2023
		A			31-06-2023
2.	Spleen	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr. zaneera Dr. Qurat ul Ain	31-07-2023
		D			01-08-2023
		E			02-08-2023
		B			03-08-2023
		A			05-08-2023
3.	Thymus	C	Prof Dr. Ayesha	Dr. Ali Raza	07-08-2023

		D	Yousaf	Dr. Urooj	08-08-2023
		E	Dr. Mohtasham Hina	Dr.Zaneera	09-08-2023
		B		Dr. Qurat ul Ain	10-08-2023
		A			12-08-2023
4.	Tonsils	C	Prof Dr. Ayesha Yousaf	Dr. Ali Raza	14-08-2023
		D	Dr. Mohtasham Hina	Dr. Urooj	15-08-2023
		E		Dr.zaneera	16-08-2023
		B		Dr. Qurat ul Ain	17-08-2023
		A			19-08-2023

SGD/ CBL Sessions

S No	Topic	Supervised by	Batches	Teacher	Date
1.	Posterior Compartment Of Leg & Flexor Retinaculum	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Ali Raza Dr. Qurat Dr. Urooj	26-06-2023
2.	Posterior Compartment Of Leg (Neurovascular Organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Ali Raza Dr. Qurat Dr. Urooj	27-06-2023
3.	Bones of the foot	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Ali Raza Dr. Qurat Dr. Urooj	31-07-2023
4	Dorsun of Foot (Muscles And Neurovascular Organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham .Hina	A B C D	Dr. Zaneera Dr. Ali Raza Dr. Qurat Dr. Urooj	01-08-2023
5.	Ankle Joint (Ankle Sprain)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Ali Raza Dr. Qurat Dr. Urooj	02-08-2023
6.	Joints Of Foot	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Ali Raza Dr. Qurat Dr. Urooj	03-08-2023
7	Sole Of Foot (Muscles)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Ali Raza Dr. Qurat Dr. Urooj	07-08-2023
8	Sole Of Foot (Neurovascular)	Prof Dr. Ayesha	A	Dr. Zaneera	08-08-2023

	Organization And Relationship In Foot)	Yousaf Dr. Mohtasham Hina			
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
9	Arches Of Foot (Flat Foot), Gait cycle	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	10-08-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
10	Thymus, Tonsils	Prof Dr. Ayesha Yousaf Dr. Mohtasham .Hina	A	Dr. Zaneera	12-08-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
11	Spleen	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	15-08-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
12	Radiology And Surface Marking	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	16-08-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	

Module 5- CVS

Content Areas

General Anatomy	Embryology	Histology	Gross Anatomy
Heart & Vessels	Cardiovascular System	Heart & Vessels	Mediastinum, Heart, Great Vessels

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 04 = 08 hours
2	Small Group Discussions (SGD)	2*16 =32 hours
3	Practical / Skill Lab	1.5 * 20 = 30 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	Development of CVS(Development of Veins)	Prof. Dr. Ayesha	Even	29-08-2023
			Odd	30-08-2023
2.	General Anatomy ofCVS (General Organization)	Dr. Arslan	Even	30-08-2023
			Odd	29-08-2023
3.	Development ofCVS (Aortic Arches)	Prof. Dr. Ayesha	Even	04-09-2023
			Odd	31-08-2023
4.	General Anatomy ofCVS (Classification)	Dr. Arslan	Even	31-08-2023
			Odd	04-09-2023
5.	Development of CVS (Formation, Position and Partitioning of hearttube)	Prof. Dr. Ayesha	Even	11-09-2023
			Odd	06-09-2023
6.	Histology of CVS (Arteries and Veins)	Dr. Mohtasham	Even	06-09-2023
			Odd	11-09-2023
7.	Development of CVS (Formation and partitioning of Ventricles)	Prof. Dr. Ayesha	Even	12-09-2023
			Odd	15-09-2023
8.	Histology of CVS(Capillaries)	Dr. Mohtasham	Even	15-09-2023
			Odd	12-09-2023
9.	Development of CVS(Fetal Circulation)	Prof. Dr. Ayesha	Even	16-09-2023
			Odd	19-09-2023
10.	Histology of CVS(Tunics of heart & Lyphatic System)	Dr. Mohtasham	Even	19-09-2023
			Odd	16-09-2023

Practical/ skill Sessions

Sr. No.	Topic	Batch	SupervisedBy	Teacher	Date
1.	Elastic Arteries	C	Prof Dr. Ayesha	Dr. Ali Raza	28-08-2023
		D	Yousaf	Dr. Urooj	29-08-2023

		E	Dr. Mohtasham Hina	Dr.zaneera	30-08-2023
		B		Dr. Qurat ul Ain	31-08-2023
		A		Dr. Kashif	02-09-2023
2.	Medium & Small Sized Arteries	C	Prof Dr. Ayesha Yousaf	Dr. Ali Raza	04-09-2023
		D		Dr. Urooj	05-09-2023
		E	Dr. Mohtasham Hina	Dr.zaneera	06-09-2023
		B		Dr. Qurat ul Ain	07-09-2023
		A		Dr. Kashif	09-09-2023
3.	Large Veins	C	Prof Dr. Ayesha Yousaf	Dr. Ali Raza	11-09-2023
		D		Dr. Urooj	12-09-2023
		E	Dr. Mohtasham Hina	Dr.zaneera	13-09-2023
		B		Dr. Qurat ul Ain	14-09-2023
		A		Dr. Kashif	16-09-2023
4.	Medium & Small Sized Veins	C	Prof Dr. Ayesha Yousaf	Dr. Ali Raza Dr. Urooj Dr.zaneera Dr. Qurat ul Ain Dr. Kashif	18-09-2023
		D			19-09-2023
		E	Dr. Mohtasham Hina		20-09-2023
		B			21-09-2023
		A			23-09-2023

SGD/ CBL Sessions

S No	Topic	Supervised by	Batches	Teacher	Date
1	Thoracic Wall / Thoracic Vertebra	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	28-08-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
2	Mediastinum (General Features & Divisions)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	31-08-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
3	Pericardium / CBL	Prof Dr. Ayesha Yousaf Dr. Mohtasham .Hina	A	Dr. Zaneera	02-09-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
4	Heart (External Features)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	04-09-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
5	Heart (Internal Features)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	05-09-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
6	Heart (Clinical Correlations of Heart)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	06-09-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	
7	Vassculature of Heart / CBL	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	07-09-2023
			B	Dr. Ali Raza	
			C	Dr. Qurat	
			D	Dr. Urooj	

9	Innervation of Heart	Prof Dr. Ayesha Yousaf Dr. Mohtasham .Hina	A B C D	Dr. Zaneera	12-09-2023
				Dr. Ali Raza	
				Dr. Qurat	
				Dr. Urooj	
10	Superior Mediastinum (Trachea, Esophagus Ascending Aorta)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera	14-09-2023
				Dr. Ali Raza	
				Dr. Qurat	
				Dr. Urooj	
11	Posterior mediastinum (Contents)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera	16-09-2023
				Dr. Ali Raza	
				Dr. Qurat	
				Dr. Urooj	
12	Posterior Mediastinum (Azygous system of Veins)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera	21-09-2023
				Dr. Ali Raza	
				Dr. Qurat	
				Dr. Urooj	

Module 6- Respiration

Content Areas

General Anatomy	Embryology	Histology	Gross Anatomy
Respiratory System	Upper Respiratory Tract Lower Respiratory Tract	Trachea Bronchi Lungs	Tracheobronchial tree Lungs Diaphragm

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 04 = 08 hours
2	Small Group Discussions (SGD)	2*16 =32 hours
3	Practical / Skill Lab	1.5 * 20 = 30 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	Development of Respiratory System (Nose and Paranasal sinuse)	Prof. Dr Ayesha	Even	02-10-2023
			Odd	04-10-2023
2.	Histology of Respiratory System	Dr Mohtasham	Even	04-10-2023
			Odd	02-10-2023
3.	Development of Respiratory System (trachea and larynx)	Prof. Dr Ayesha	Even	07-10-2023
			Odd	05-10-2023
4.	Histology of Respiratory system II	Dr Mohtasham	Even	05-10-2023
			Odd	07-10-2023
5.	Development of Respiratory System (Lungs)	Prof. Dr Ayesha	Even	13-10-2023
			Odd	10-10-2023
6.	Histology of Respiratory system III	Dr Mohtasham	Even	10-10-2023
			Odd	13-10-2023
7.	Development of Respiratory System (Lungs)	Prof. Dr Ayesha	Even	14-10-2023
			Odd	17-10-2023
8.	Histology of Respiratory system IV	Dr Mohtasham	Even	17-10-2023
			Odd	14-10-2023

Practical/ Skill Sessions

SR. NO.	TOPIC	BATCH	SUPERVISED	TEACHER	DATE
1.	Olfactory nasal mucosa/Epiglottis	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.zaneera Dr. Qurat ul Ain	02-09-2023
		D			03-09-2023
		E			04-09-2023
		B			05-09-2023
		A			07-09-2023
2.	Trachea	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.zaneera Dr. Qurat ul Ain	9-09-2023
		D			10-09-2023
		E			11-09-2023
		B			12-09-2023
		A			14-09-2023
3.	Lungs	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.zaneera Dr. Qurat ul Ain	16-09-2023
		D			17-09-2023
		E			18-09-2023
		B			19-09-2023
		A			21-09-2023

SGD/ CBL Sessions

S No	Topic	Supervised by	Batches	Teacher	Date
1	Nose and Paranasal sinuses	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	2.10.2023
2.	Larynx and trachea	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	3.10.2023
3	Overview of thoracic wall	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	04-10-2023
4	Skeleton of thoracic wall (Ribs)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	5.10.2023
5.	Skeleton of thoracic wall (Sternum)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	06-10-2023

6	Joints of Thoracic Wall	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	08-10-2023
7	Thoracic Apertures	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	09-10-2023
8	Movements Of Thoracic Wall & Intercostal Spaces	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	10-10-2023
9	Diaphragm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	11-11-2023
10	Vasculature of thoracic wall	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	13-10-2023
11	Lungs	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	16-10-2023
12	Lungs	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	17-10-2023
13	Radiology & Surface Marking	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	19-10-2023

Research Club Activity Sessions

Sr#	Module	Topic (Session)	Name OfTeacher	Batch	Date
1	MSK-II	Research club activity-1	Dr. Mohtasham Dr. Maria Dr. Urooj Dr. Qurat Dr. Ali Dr. Zaneera	01-5	27-04-2023
2		Research club activity-2	Dr. Mohtasham Dr. Maria Dr. Urooj Dr. Qurat Dr. Ali Dr. Zaneera	6-10	27-04-2023
3	Blood and Immunity	Research club activity-1	Dr. Mohtasham Dr. Maria Dr. Urooj Dr. Qurat Dr. Ali Dr. Zaneera	01-5	09-08-2023
4		Research club activity-2	Dr. Mohtasham Dr. Maria Dr. Urooj Dr. Qurat Dr. Ali Dr. Zaneera	6-10	17-08-2023
5	CVS	Research club activity-1	Dr. Mohtasham Dr. Maria Dr. Urooj Dr. Qurat Dr. Ali Dr. Zaneera	01-10	14-09-2023

Bioethics, Research and Professionalism Large Group Interactive Sessions

Sr. no.	Module	Topic	Teacher	Batch	Date
1.	Foundation	Leadership & Professionalism	Dr. Arsalan	Even	17-02-2023
				Odd	18-02-2023
2.	MSK-I	Lecture on Mission & Vision	Dr. Arsalan	Even	07-03-2023
				Odd	03-03-2023
3.	MSK-II	History of Medical Ethics	Dr. Maria	Even	10-06-2023
			Dr. Arsalan	Odd	

Academic Calendar Second Year MBBS (Batch 49)

BLOCKS Modules	Block-I		Block-II		Block - III		Revision Module	Schedule Of Send Up And Professional Examination			
	GIT	Renal	Reproduction	CNS	Special Senses	Endocrinology		Prep leaves for send up	Send up Examination	Prep leaves for Professional Examination	Professional Examination
Duration in weeks	06	05	04	06	04	05	02				
Dates	30 th Jan to 11 th March 2023	13 th March- 15 th April 2023	26 th April to 3 rd June 2023 (Sports Week 22 nd – 27 th May)	5 th June – 12 th August 2023 (26 th June – 22 nd July Summer Vacation)	15 th August – 9 th September 2023	11 th September – 14 th October 2023	16 th Oct-28 th Oct 2023	30 th Oct – 11 th Nov 2023 (15 days)	13 th Nov 2023 to 25 th Nov, 2023	27 th Nov 2023 to 17 th Dec 2023 Days (20 days)	18 th Dec-2023 11 th Jan, 2024

- Vacation Schedule during Academic Year 2023
 - 14th – 21st April - Spring Vacation
 - 22nd – 24th April Eid ul Fitr Holidays
 - 22nd – 27th May - Students week
 - 26th June – 22nd July - Summer Vacation

Module 1- GIT

Content Areas

Embryology	Histology	Gross Anatomy
Tongue, Body Cavities, Gastrointestinal System	Digestive Tract & associated organs (Junqueira)	Oral Cavity, Abdomen and associated viscera

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	19 hours
2	Small Group Discussions (SGD)	46 hours
3	Practical / Skill Lab	38 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	Histology of Tongue	Dr. Maria Tasleem	Even	31-01-2023
			Odd	01-02-2023
2.	Development of Tongue	Prof. Dr. Ifra Saeed	Even	01-02-2023
			Odd	31-01-2023
3.	Histology of Salivary glands	Dr. Maria Tasleem	Even	02-02-2023
			Odd	03-02-2023
4.	Development of Salivary glands	Prof. Dr. Ifra Saeed	Even	03-02-2023
			Odd	02-02-2023
5.	Development of Esophagus & stomach I	Prof. Dr. Ifra Saeed	Even	07-02-2023
			Odd	08-02-2023
6.	Histology General organization of G.I.T & Esophagus	Dr. Maria Tasleem	Even	08-02-2023
			Odd	07-02-2023
7.	Histology of Stomach	Dr. Maria Tasleem	Even	10-02-2023
			Odd	11-02-2023
8.	Development of Stomach II	Prof. Dr. Ifra Saeed	Even	11-02-2023
			Odd	10-02-2023
9.	Histology of Liver	Dr. Maria Tasleem	Even	14-02-2023
			Odd	15-02-2023
10.	Development of Gall bladder & pancreas	Prof. Dr. Ifra Saeed	Even	15-02-2023
			Odd	14-02-2023
11.	Development of Liver & Biliary apparatus	Prof. Dr. Ifra Saeed	Even	16-02-2023
			Odd	17-02-2023
12.	Histology of Pancreas and Gallbladder	Dr. Maria Tasleem	Even	17-02-2023
			Odd	16-02-2023
13.	Development of small intestine	Prof. Dr. Ifra Saeed	Even	18-02-2023
			Odd	20-02-2023

14.	Histology of Small intestine	Dr. Maria Tasleem	Even	20-02-2023
			Odd	18-02-2023
15.	Histology of Large intestine I	Dr. Maria Tasleem	Even	22-02-2023
			Odd	23-02-2023
16.	Development of large intestine	Prof. Dr. Ifra Saeed	Even	23-02-2023
			Odd	22-02-2023
17.	Histology of Large intestine II	Dr. Maria Tasleem	Even	25-02-2023
			Odd	01-03-2023
18.	Development of Body cavities I	Dr. Arsalan Manzoor	Even	01-03-2023
			Odd	25-02-2023
19.	Development of Body cavities II	Dr. Arsalan Manzoor	Even	02-03-2023
			Odd	02-03-2023

Practical/Skills Lab Sessions

Sr. No.	Topic	Batch	Supervised By	Teacher	Date
1.	Histology of Tongue & Salivary glands	C	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara/ Dr. Tariq	30-1-23
		D		Dr. Gaiti Ara/ Dr. Tariq	31-1-23
		E	Dr. Maria Tasleem	Dr. Gaiti Ara/Dr. Tariq	01-2-23
		B		Dr. Gaiti Ara/Dr. Tariq	02-2-23
		A		Dr. Gaiti Ara/Dr. Tariq	04-2-23
2.	Histology of Esophagus & Stomach	C	Prof Dr. Ayesha Yousaf	Dr.Maryam/Dr. Tariq	06-2-23
		D		Dr.Maryam/Dr. Tariq	07-2-23
		E	Dr. Maria Tasleem	Dr.Maryam/Dr. Tariq	08-2-23
		B		Dr.Maryam/Dr. Tariq	09-2-23
		A		Dr.Maryam/Dr. Tariq	11-2-23
3.	Histology of Liver & Gall Bladder	C	Prof Dr. Ayesha Yousaf	Dr.Sadia/ Dr Tariq	13-2-23
		D		Dr.Sadia/ Dr Tariq	14-2-23
		E	Dr. Maria Tasleem	Dr.Sadia/ Dr Tariq	15-2-23
		B		Dr.Sadia/ Dr Tariq	16-2-23
		A		Dr.Sadia/ Dr Tariq	18-2-23
4.	Histology of small intestine	C	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara/Dr. Tariq	20-2-23
		D		Dr. Gaiti Ara/Dr. Tariq	21-2-23
		E	Dr. Maria Tasleem	Dr. Gaiti Ara/Dr. Tariq	22-2-23
		B		Dr. Gaiti Ara/Dr. Tariq	23-2-23
		A		Dr. Gaiti Ara/Dr. Tariq	25-2-23
5.	Histology of Large intestine	C	Prof Dr. Ayesha Yousaf	Dr.Sadia/Dr Tariq	27-2-23
		D		Dr.Sadia/Dr Tariq	28-2-23
		E	Dr. Maria Tasleem	Dr.Sadia/Dr Tariq	01-3-23
		B		Dr.Sadia/Dr Tariq	02-3-23
		A		Dr.Sadia/Dr Tariq	04-3-23

SGD/CBL Sessions

SR.N O.	TOPIC	BATCH	SUPERVISED BY	NAME OF TEACHER	DATE
1	Topographical organization of GIT	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	30-1-23
		B		Dr. Maryam	30-1-23
		C	Dr. Maria Tasleem	Dr. Sadia	30-1-23
2.	Oral cavity, Tongue & Salivary	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	31-1-23

	Glands	B	Dr. Maria Tasleem	Dr. Maryam	31-1-23
		C		Dr. Sadia	31-1-23
3.	Anterolateral Abdominal Wall	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	1-2-23
		B		Dr. Maryam	1-2-23
		C		Dr. Sadia	1-2-23
4.	Rectus Sheath	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	2-2-23
		B		Dr. Maryam	2-2-23
		C		Dr. Sadia	2-2-23
5.	Inguinal region & Hernias	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	6-2-23
		B		Dr. Maryam	6-2-23
		C		Dr. Sadia	6-3-23
6.	Testes & Scrotum	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	7-2-23
		B		Dr. Maryam	7-2-23
		C		Dr. Sadia	7-2-23
7.	Peritoneum & peritoneal cavity	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	8-2-23
		B		Dr. Sajjad	8-2-23
		C		Dr. Sadia	8-2-23
8.	Sub divisions of peritoneal cavity	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	9-2-23
		B		Dr. Sajjad	9-2-23
		C		Dr. Sadia	9-2-23
9.	Esophagus & Stomach	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	11-2-23
		B		Dr. Sajjad	11-2-23
		C		Dr. Sadia	11-2-23
10.	Duodenum	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	13-2-23
		B		Dr. Sajjad	13-2-23
		C		Dr. Sadia	13-2-23
11.	Jejunum & Ileum	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	14-2-23
		B		Dr. Sajjad	14-2-23
		C		Dr. Sadia	14-2-23
12.	Liver I (CBL) Portal Hypertension	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	15-2-23
		B		Dr. Sajjad	15-2-23
		C		Dr. Sadia	15-2-23
13.	Liver II	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	16-2-23
		B		Dr. Sajjad	16-2-23
		C		Dr. Sadia	16-2-23
14.	Dissection/Spotting	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	17-2-23
		B		Dr. Sajjad	17-2-23
		C		Dr. Sadia	17-2-23
15.	Gall Bladder & Biliary apparatus	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	18-2-23
		B		Dr. Sajjad	18-2-23
		C		Dr. Sadia	18-2-23
16.	Spleen	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	20-2-23
		B		Dr. Sajjad	20-2-23
		C		Dr. Sadia	20-2-23
17.	Pancreas	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	21-2-23
		B		Dr. Sajjad	21-2-23
		C		Dr. Sadia	21-2-23
18.	Large intestine CBL Acute appendicitis	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	22-2-23
		B		Dr. Sajjad	22-2-23

		C		Dr. Sadia	22-2-23
19.	Vasculature of GIT	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	23-2-23
		B		Dr. Sajjad	23-2-23
		C		Dr. Sadia	23-2-23
20.	Surface marking & Radiology	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	27-2-23
		B		Dr. Sajjad	27-2-23
		C		Dr. Sadia	27-2-23
21.	Rectum	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	28-2-23
		B		Dr. Sajjad	28-2-23
		C		Dr. Sadia	28-2-23
22.	Anal Canal	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	1-3-23
		B		Dr. Sajjad	1-3-23
		C		Dr. Sadia	1-3-23
23.	Innervation of Abdominal Viscera	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	2-3-23
		B		Dr. Sajjad	2-3-23
		C		Dr. Sadia	2-3-23
24.	Dissection & spotting	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	3-3-23
		B		Dr. Sajjad	3-3-23
		C		Dr. Sadia	3-3-23

Module 2- Renal

Content Areas

Embryology	Histology	Gross Anatomy
Kidney Ureter Urinary Bladder Urethra	Kidney Ureter Urinary Bladder	Posterior Abdominal Wall & Organs of Urinary System

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 06 = 12 hours
2	Small Group Discussions (SGD)	2*3 + 1*9=15 hours
3	Practical / Skill Lab	1.5 * 15 = 22.5 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	Histology of kidney I	Dr. Maria Tasleem	Even	13-03-2023
			Odd	14-03-2023
2.	Histology of kidney II	Dr. Maria Tasleem	Even	15-03-2023
			Odd	17-03-2023
3.	Development of Kidney & ureter	Prof. Dr. Ifra Saeed	Even	14-03-2023
			Odd	13-03-2023
4.	Development of urinary bladder & urethra	Prof. Dr. Ifra Saeed	Even	17-03-2023
			Odd	15-03-2023
5.	Histology of ureter, Urinary bladder & urethra	Dr. Maria Tasleem	Even	30-03-2023
			Odd	30-03-2023
6.	Ethical Principles	Dr. Arsalan Manzoor	Odd	20-03-2023

Practical/Skills Sessions

Sr.No	Topic	Batch	Supervised By	Name Of Teacher	Date
1.	Histology of Kidney	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sajjad/Dr. Taariq	13-3-23
		D		Dr. Sajjad/Dr. Taariq	14-3-23
		E		Dr. Sajjad/Dr. Taariq	15-3-23
		B		Dr. Sajjad/Dr. Taariq	16-3-23
		A		Dr. Sajjad/Dr. Taariq	17-3-23
2.	Histology of Ureter	C	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara/Dr. Tariq	20-3-23
		D		Dr. Gaiti Ara/Dr. Tariq	21-3-23

		E	Dr. Maria Tasleem	Dr. Gaiti Ara/Dr. Tariq	22-3-23
		B		Dr. Gaiti Ara/Dr. Tariq	24-3-23
		A		Dr. Gaiti Ara/Dr. Tariq	25-3-23
3.	Histology of Urinary Bladder	C	Prof Dr. Ayesha Yousaf	Dr.Sadia/Dr Tariq	27-3-23
		D		Dr.Sadia/Dr Tariq	28-3-23
		E	Dr. Maria Tasleem	Dr.Sadia/Dr Tariq	29-3-23
		B		Dr.Sadia/Dr Tariq	30-3-23
		A		Dr.Sadia/Dr Tariq	01-4-23

SGD/CBL Sessions

Sr.No	Topic	Batc h	Supervised By	Name Of Teacher	Date
1.	Fascia & muscles of Posterior Abdominal wall	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Sajjad	13-3-23
		B		Dr. Sadia	13-3-23
		C		Dr. Gaiti Ara	13-3-23
2.	Nerves of Posterior Abdominal wall	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sajjad	14-3-23
		B		Dr. Sadia	14-3-23
		C		Dr. Gaiti Ara	14-3-23
3.	Vessels of Posterior abdominal wall & Lumber vertebra	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sajjad	15-3-23
		B		Dr. Sadia	15-3-23
		C		Dr. Gaiti Ara	15-3-23
4.	Kidney	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Sajjad	16-3-23
		B		Dr. Sadia	16-3-23
		C		Dr. Gaiti Ara	16-3-23
5.	Ureter	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sajjad	20-3-23
		B		Dr. Sadia	20-3-23
		C		Dr. Gaiti Ara	20-3-23
6.	Urinary Bladder	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sajjad	21-3-23
		B		Dr. Sadia	21-3-23
		C		Dr. Gaiti Ara	21-3-23
7.	Supra renal gland & Urethra	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	25-3-23
		B		Dr. Sadia	25-3-23
		C		Dr. Gaiti Ara	25-3-23
8.	Dissection/Spotting	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	27-3-23
		B		Dr. Sadia	27-3-23
		C		Dr. Gaiti Ara	27-3-23
9.	Radiology & Surface marking	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	29-3-23
		B		Dr. Sadia	29-3-23
		C		Dr. Gaiti Ara	29-3-23
10.	Dissection	A	Prof Dr. Ayesha Yousaf	Dr. Sajjad	1-4-23

		B	Dr.MariaTasleem	Dr. Sadia	1-4-23
		C		Dr. Gaiti Ara	1-4-23
11.	Dissection/Spotting	A	Prof Dr. Ayesha Yousaf	Dr. Sajjad	4-4-23
		B	Dr.MariaTasleem	Dr. Sadia	4-4-23
		C		Dr. Gaiti Ara	4-4-23

Module 3- Reproduction

Content Areas

Embryology	Histology	Gross Anatomy
Testis Genital Ducts Prostate & Accessory Glands Uterus & Uterine tubes Ovary & Vagina	Testis Genital Ducts Prostate & Accessory Glands Uterus & Uterine Tubes Ovary & Vagina	Sacrum Bony Pelvis & Joints of Pelvis Pelvic Fascia, Pelvic Diaphragm, & Pelvic Peritoneum Male External Genitalia, Scrotum, & Testis Prostate Vas Deferens, Seminal Vesicles & Ejaculatory Ducts Female External Genitalia, Ovaries, Fallopian Tubes Uterus, Cervix & Vagina Ischioanal Fossa Urogenital Diaphragm Perineum, Superficial Perineal Pouch and its contents Deep Perineal Pouch and its contents Blood Supply & Lymphatic Drainage of Pelvis & Perineum Sacral and Coccygeal Plexus Radiology, Surface Marking

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 05 = 10 hours
2	Small Group Discussions (SGD)	2*12 + 1*2=26 hours
3	Practical / Skill Lab	1.5 * 15 = 22.5 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1.	Development of testis	Prof. Dr. Ifra Saeed	Even	26-04-2023
			Odd	27-04-2023
2.	Histology of Testis	Dr. Maria Tasleem	Even	27-04-2023
			Odd	26-04-2023
3.	Histology of male genital ducts and accessory glands	Dr. Maria Tasleem	Even	28-04-2023
			Odd	29-04-2023
4.	Development of male genital ducts and accessory glands	Prof. Dr. Ifra Saeed	Even	29-04-2023
			Odd	28-04-2023
5.	Histology of ovary & vagina	Dr. Maria Tasleem	Even	02-05-2023
			Odd	03-05-2023
6.	Development of ovary & vagina	Prof. Dr. Ifra Saeed	Even	03-05-2023
			Odd	02-05-2023
7.	Histology of uterus and uterine tubes	Dr. Maria Tasleem	Even	05-05-2023
			Odd	04-05-2023
8.	Development of uterus and uterine tubes	Prof. Dr. Ifra Saeed	Even	04-05-2023
			Odd	05-05-2023

Practical/Skills Sessions

Sr.No	Topic	Batch	Supervised By	Name Of Teacher	Date
1.	Histology of Testis, Epididymis & Ductus deferens	C	Prof Dr. Ayesha Yousaf	Dr. Sajjad/Dr. Taariq	26-4-23
		D		Dr. Sajjad/Dr. Taariq	27-4-23
		E	Dr. Maria Tasleem	Dr. Sajjad/Dr. Taariq	28-4-23
		B		Dr. Sajjad/Dr. Taariq	28-4-23
		A		Dr. Sajjad/Dr. Taariq	29-4-23
2.	Histology of seminal vesicles & prostate	C	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	12-05-23
		D		Dr. Gaiti Ara	02-05-23
		E	Dr. Maria Tasleem	Dr. Gaiti Ara	03-05-23
		B		Dr. Gaiti Ara	04-05-23
		A		Dr. Gaiti Ara	06-05-23
3.	Histology of uterus, uterine tube & Ovary	C	Prof Dr. Ayesha Yousaf	Dr. Sadia, Dr. Maryam	08-05-23
		D		Dr. Sadia, Dr. Maryam	09-05-23
		E	Dr. Maria Tasleem	Dr. Sadia, Dr. Maryam	10-05-23
		B		Dr. Sadia, Dr. Maryam	11-05-23
		A		Dr. Sadia, Dr. Maryam	13-05-23

SGD/CBL Sessions

SR.NO	TOPIC	BATCH	SUPERVISED BY	NAME OF TEACHER	DATE
1.	Sacrum, Bony pelvis & Joints of pelvis	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	26-4-23
		B		Dr. Maria Tasleem	Dr. Gaiti Ara
		C	Dr. Maryam		26-4-23
		D	Dr. Sajjad		26-4-23
2.	Pelvic Fascia, Pelvic peritoneum, Pelvic Diaphragm, Contents of pelvic cavity	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	27-4-23
		B		Dr. Maria Tasleem	Dr. Gaiti Ara
		C	Dr. Maryam		27-4-23
		D	Dr. Sajjad		27-4-23
3.	External male genitalia, Testis & Scrotum	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	29-4-23
		B		Dr. Maria Tasleem	Dr. Gaiti Ara
		C	Dr. Maryam		29-4-23
		D	Dr. Sajjad		29-4-23
4.	Male internal genital organs	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	2-5-23
		B	Dr. Maria Tasleem	Dr. Gaiti Ara	2-5-23

		C		Dr. Maryam	2-5-23
		D		Dr. Sajjad	2-5-23
5.	Female internal genital organs (uterus & Cervix)	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Sadia	3-5-23
		B		Dr. Gaiti Ara	3-5-23
		C		Dr. Maryam	3-5-23
		D		Dr. Sajjad	3-5-23
6.	Female internal genital organs (Ovaries & Fallopian tubes)	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Sadia	4-5-23
		B		Dr. Gaiti Ara	4-5-23
		C		Dr. Maryam	4-5-23
		D		Dr. Sajjad	4-5-23
7.	Ischioanal Fossa	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Sadia	6-5-23
		B		Dr. Gaiti Ara	6-5-23
		C		Dr. Maryam	6-5-23
		D		Dr. Sajjad	6-5-23
8.	Urogenital Diaphragm	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Sadia	8-5-23
		B		Dr. Gaiti Ara	8-5-23
		C		Dr. Maryam	8-5-23
		D		Dr. Sajjad	8-5-23
9.	Perineum Superficial pouch & contents	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Sadia	9-5-23
		B		Dr. Gaiti Ara	9-5-23
		C		Dr. Maryam	9-5-23
		D		Dr. Sajjad	9-5-23
10.	Deep pouch & contents	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	10-5-23
		B		Dr. Gaiti Ara	10-5-23
		C		Dr. Maryam	10-5-23
		D		Dr. Sajjad	10-5-23
11.	Vascular supply of pelvis & perineum	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	11-5-23
		B		Dr. Gaiti Ara	11-5-23
		C		Dr. Maryam	11-5-23
		D		Dr. Sajjad	11-5-23
12.	Sacral & coccygeal plexus	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Sadia	12-5-23
		B		Dr. Gaiti Ara	12-5-23
		C		Dr. Maryam	12-5-23
		D		Dr. Sajjad	12-5-23
13.	Radiology & Surface marking	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	13-5-23

		B	Dr.MariaTasleem	Dr. Gaiti Ara	13-5-23
		C		Dr. Maryam	13-5-23
		D		Dr. Sajjad	13-5-23

Module 4- CNS

Content Areas

Embryology	Histology	General & Gross Anatomy
Early CNS Development Spinal Cord Hindbrain & Cerebellum Midbrain Forebrain Peripheral Nervous System	Ganglia Peripheral Nerves Spinal Cord Cerebellum Cerebrum	General Anatomy of Nervous System General Anatomy of Autonomic Nervous System Anterior, Middle & Posterior cranial fossae Meninges, Dural venous sinuses, and intracranial hemorrhages Spinal cord & Tracts Brain stem (Medulla oblongata, Pons, cerebellum & Midbrain) Diencephalon Cerebrum CSF and Ventricular System Cranial nerves Basal ganglia Limbic system & Reticular formation Blood Supply of Brain Radiological Imaging of CNS

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 5 = 10 hours
2	Small Group Discussions (SGD)	2.5 * 3 = 7.5 hours
3	Practical / Skill Lab	2.5 * 3 = 7.5 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1	General Anatomy of Nervous System	Prof. Dr. Ifra Saeed	Even	05-06-2023
			Odd	06-06-2023
2	Early development of CNS	Dr. Arsalan Manzoor	Even	06-06-2023
			Odd	05-06-2023
3	General Anatomy of Autonomic Nervous System	Prof. Dr. Ifra Saeed	Even	07-06-2023
			Odd	08-06-2023
4	Development of Spinal cord	Dr. Arsalan Manzoor	Even	08-06-2023
			Odd	07-06-2023
5	Histology of Spinal cord & Peripheral Nerve	Dr. Maria Tasleem	Even	13-06-2023
			Odd	14-06-2023
6	Development of Rhombencephalon	Dr. Arsalan Manzoor	Even	14-06-2023
			Odd	13-06-2023
7	Histology of Cerebellum	Dr. Maria Tasleem	Even	17-06-2023

			Odd	19-06-2023
8	Development of Mesencephalon & prosencephalon	Dr. Arsalan Manzoor	Even	19-06-2023
			Odd	17-06-2023
9.	Histology of Cerebrum	Dr. Maria Tasleem	Even	24-07-2023
			Odd	25-07-2023
10.	Development of peripheral & Autonomic Nervous System	Dr. Arsalan Manzoor	Even	25-07-2023
			Odd	24-07-2023

Practical/Skills Sessions

Sr.No	Topic	Batch	Supervised By	Name Of Teacher	Date
1.	Histology of Peripheral Nerve	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sajjad/Dr. Taariq	05-06-23
		D		Dr. Sajjad/Dr. Taariq	06-06-23
		E		Dr. Sajjad/Dr. Taariq	07-06-23
		B		Dr. Sajjad/Dr. Taariq	08-06-23
		A		Dr. Sajjad/Dr. Taariq	10-06-23
2.	Histology of Ganglia	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara/Dr. Tariq	12-06-23
		D		Dr. Gaiti Ara/Dr. Tariq	13-06-23
		E		Dr. Gaiti Ara/Dr. Tariq	14-06-23
		B		Dr. Gaiti Ara/Dr. Tariq	15-06-23
		A		Dr. Gaiti Ara/Dr. Tariq	17-06-23
3.	Histology of Spinal cord	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Sadia/ Dr Tariq	19-06-23
		D		Dr.Sadia/ Dr Tariq	20-06-23
		E		Dr.Sadia/ Dr Tariq	21-06-23
		B		Dr.Sadia/ Dr Tariq	22-06-23
		A		Dr.Sadia/ Dr Tariq	24-06-23
4.	Histology of Cerebellum	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Maryam/Dr. Tariq	24-07-23
		D		Dr.Maryam/Dr. Tariq	25-07-23
		E		Dr.Maryam/Dr. Tariq	26-07-23
		B		Dr.Maryam/Dr. Tariq	27-07-23
		A		Dr.Maryam/Dr. Tariq	29-07-23
5.	Histology of Cerebrum	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sajjad/Dr. Taariq	31-07-23
		D		Dr. Sajjad/Dr. Taariq	01-08-23
		E		Dr. Sajjad/Dr. Taariq	02-08-23
		B		Dr. Sajjad/Dr. Taariq	03-08-23
		A		Dr. Sajjad/Dr. Taariq	04-08-23
6.	Histology of Cornea	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara/Dr. Tariq	21-08-23
		D		Dr. Gaiti Ara/Dr. Tariq	22-08-23
		E		Dr. Gaiti Ara/Dr. Tariq	23-08-23
		B		Dr. Gaiti Ara/Dr. Tariq	24-08-23
		A		Dr. Gaiti Ara/Dr. Tariq	26-08-23

SGD/CBL Sessions

Sr.No	Topic	Bat ch	Supervised By	Name Of Teacher	Date
1.	Anterior & Middle cranial fossa	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	05-06-23
		B		Dr. Maryam	05-06-23
		C		Dr. Sajjad	05-06-23
		D		Dr. Sadia	05-06-23
2.	Posterior cranial fossa	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	06-06-23
		B		Dr. Maryam	06-06-23
		C		Dr. Sajjad	06-06-23
		D		Dr. Sadia	06-06-23
3.	Meninges, Dural venous sinuses and intracranial hemorrhages	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	07-06-23
		B		Dr. Maryam	07-06-23
		C		Dr. Sajjad	07-06-23
		D		Dr. Sadia	07-06-23
4.	Spinal cord	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	08-06-23
		B		Dr. Maryam	08-06-23
		C		Dr. Sajjad	08-06-23
		D		Dr. Sadia	08-06-23
5.	Ascending Tracts & their clinicals	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	10-06-23
		B		Dr. Maryam	10-06-23
		C		Dr. Sajjad	10-06-23
		D		Dr. Sadia	10-06-23
6.	Descending tracts & their clinicals	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	12-06-23
		B		Dr. Maryam	12-06-23
		C		Dr. Sajjad	12-06-23
		D		Dr. Sadia	12-06-23
7.	Spinal cord lesions	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	13-06-23
		B		Dr. Maryam	13-06-23
		C		Dr. Sajjad	13-06-23
		D		Dr. Sadia	13-06-23
8.	Medulla oblongata	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	14-06-23
		B		Dr. Maryam	14-06-23
		C		Dr. Sajjad	14-06-23
		D		Dr. Sadia	14-06-23
9.	Pons & 4 th ventricle	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	15-06-23
		B		Dr. Maryam	15-06-23
		C		Dr. Sajjad	15-06-23
		D		Dr. Sadia	15-06-23
10.	Mid brain	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	16-06-23
		B		Dr. Maryam	16-06-23
		C		Dr. Sajjad	16-06-23
		D		Dr. Sadia	16-06-23
11.	Cerebellum	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	19-06-23
		B		Dr. Maryam	19-06-23
		C		Dr. Sajjad	19-06-23
		D		Dr. Sadia	19-06-23
12.	Thalamus, Epithalamus, subthalamus	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	20-06-23
		B		Dr. Maryam	20-06-23
		C		Dr. Sajjad	20-06-23

		D		Dr. Sadia	20-06-23
13.	Hypothalamus	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	21-06-23
		B		Dr. Maryam	21-06-23
		C		Dr. Sajjad	21-06-23
		D		Dr. Sadia	21-06-23
	Cortical areas, layers & lesions of cerebrum	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	22-06-23
		B		Dr. Maryam	22-06-23
		C		Dr. Sajjad	22-06-23
		D		Dr. Sadia	22-06-23
14.	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	23-06-23
		B		Dr. Maryam	23-06-23
		C		Dr. Sajjad	23-06-23
		D		Dr. Sadia	23-06-23
15.	Lateral ventricle , ventricular system & Blood brain barrier	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	24-07-23
		B		Dr. Maryam	24-07-23
		C		Dr. Sajjad	24-07-23
		D		Dr. Sadia	24-07-23
16.	Cranial nerves I, II, III, IV, VI	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	25-07-23
		B		Dr. Maryam	25-07-23
		C		Dr. Sajjad	25-07-23
		D		Dr. Sadia	25-07-23
17.	Cranial nerves V, VII	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	26-07-23
		B		Dr. Maryam	26-07-23
		C		Dr. Sajjad	26-07-23
		D		Dr. Sadia	26-07-23
18.	Cranial nerves VIII-XII	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	29-07-23
		B		Dr. Maryam	29-07-23
		C		Dr. Sajjad	29-07-23
		D		Dr. Sadia	29-07-23
19.	Basal ganglia	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	31-07-23
		B		Dr. Maryam	31-07-23
		C		Dr. Sajjad	31-07-23
		D		Dr. Sadia	31-07-23
20.	Limbic system & reticula formation	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	01-08-23
		B		Dr. Maryam	01-08-23
		C		Dr. Sajjad	01-08-23
		D		Dr. Sadia	01-08-23
21.	Blood supply of brain & clinicals	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	02-08-23
		B		Dr. Maryam	02-08-23
		C		Dr. Sajjad	02-08-23
		D		Dr. Sadia	02-08-23
22.	Radiological imaging of CNS	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	03-08-23
		B		Dr. Maryam	03-08-23
		C		Dr. Sajjad	03-08-23
		D		Dr. Sadia	03-08-23
	Facial & Superior aspect of Cranium	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Sajjad	21-08-23
		B		Dr. Gaiti Ara	21-08-23
		C		Dr. Sadia	21-08-23
		D		Dr. Maryam	21-08-23
23.	External surface of Cranial base	A	Prof Dr. Ayesha	Dr. Sajjad	22-08-23

		B	Yousaf	Dr. Gaiti Ara	22-08-23
		C	Dr.MariaTasleem	Dr. Sadia	22-08-23
		D		Dr. Maryam	22-08-23
24.	Lateral & Occipital aspect of Cranium	A	Prof Dr. Ayesha	Dr. Sajjad	23-08-23
		B	Yousaf	Dr. Gaiti Ara	23-08-23
		C	Dr.MariaTasleem	Dr. Sadia	23-08-23
		D		Dr. Maryam	23-08-23

Module 5- Special Senses

Content Areas

Embryology	Histology	Gross Anatomy
Development of Eye Development of Pharyngeal arches Development of Ear	Lecture Histology of Eye Histology of Ear Practical Cornea Retina External and Internal ear	Facial and superior aspect of cranium (Norma frontalis, Norma verticalis) External surface of cranial base (Norma basalis) Lateral and occipital aspect of cranium (Norma lateralis, occipitalis) Mandible Temporomandibular joint Face Scalp Orbit boundaries and Extraocular muscles Vessels and nerves of orbit Eyeball Eyelid and lacrimal apparatus Parotid and temporal region Infratemporal fossa Pterygopalatine fossa External and middle ear Inner ear Nose and paranasal sinuses

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	2 * 09 = 18 hours
2	Small Group Discussions (SGD)	2*15 + 1*4= 34 hours
3	Practical / Skill Lab	1.5 * 15 = 22.5 hours

Large Group Interactive Sessions

Sr. No.	Topic	Teacher	Even/ Odd Half	Date
1	Histology of Eye I	Dr. Maria Tasleem	Even	21-08-2023
			Odd	22-08-2023
2	Development of Eye I	Prof. Dr. Ifra Saeed	Even	22-08-2023
			Odd	21-08-2023
3	Histology of Eye II	Dr. Maria Tasleem	Even	29-08-2023
			Odd	30-08-2023
4	Development of Eye II	Prof. Dr. Ifra Saeed	Even	30-08-2023
			Odd	29-08-2023
5	Development of Pharyngeal apparatus	Prof. Dr. Ifra Saeed	Even	31-08-2023
			Odd	02-09-2023
6	Histology of Ear	Dr. Maria Tasleem	Even	02-09-2023

			Odd	31-08-2023
7	Development of Ear	Dr. Maria Tasleem	Even	06-09-2023
			Odd	07-09-2023
8	Development of Nose	Prof. Dr. Ifra Saeed	Even	07-09-2023
			Odd	06-09-2023
9	Development of Palate	Prof. Dr. Ifra Saeed	Even	08-09-2023
		Dr. Maria Tasleem	Odd	08-09-2023

Practical/Skills Sessions

Sr.No	Topic	Batch	Supervised By	Name Of Teacher	Date
1.	Histology of Retina	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Sadia/Dr Tariq	28-08-23
		D		Dr.Sadia/Dr Tariq	29-08-23
		E		Dr.Sadia/Dr Tariq	30-08-23
		B		Dr.Sadia/Dr Tariq	31-08-23
		A		Dr.Sadia/Dr Tariq	02-09-23
2.	Histology of Inner ear	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sajjad/Dr. Taariq	04-09-23
		D		Dr. Sajjad/Dr. Taariq	05-09-23
		E		Dr. Sajjad/Dr. Taariq	06-09-23
		B		Dr. Sajjad/Dr. Taariq	07-09-23
		A		Dr. Sajjad/Dr. Taariq	09-09-23

SGD/CBL Sessions

Sr.No	Topic	Batch	Supervised By	Name Of Teacher	Date
1.	Mandible	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	24-08-23
		B		Dr. Gaiti Ara	24-08-23
		C		Dr. Sadia	24-08-23
		D		Dr. Maryam	24-08-23
2.	Temporomandibular joint	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	24-08-23
		B		Dr. Gaiti Ara	24-08-23
		C		Dr. Sadia	24-08-23
		D		Dr. Maryam	24-08-23
3.	Face	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	25-08-23
		B		Dr. Gaiti Ara	25-08-23
		C		Dr. Sadia	25-08-23
		D		Dr. Maryam	25-08-23
4.	Scalp	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	26-08-23
		B		Dr. Gaiti Ara	26-08-23
		C		Dr. Sadia	26-08-23
		D		Dr. Maryam	26-08-23
5.	Orbit & Extraocular muscles	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	28-08-23
		B		Dr. Gaiti Ara	28-08-23
		C		Dr. Sadia	28-08-23
		D		Dr. Maryam	28-08-23
6.	Vessels & Nerves of orbit	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	29-08-23
		B		Dr. Gaiti Ara	29-08-23
		C		Dr. Sadia	29-08-23

		D		Dr. Maryam	29-08-23
7.	Eyeball	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	30-08-23
		B		Dr. Gaiti Ara	30-08-23
		C		Dr. Sadia	30-08-23
		D		Dr. Maryam	30-08-23
8.	Eyelids & Lacrimal apparatus	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	31-08-23
		B		Dr. Gaiti Ara	31-08-23
		C		Dr. Sadia	31-08-23
		D		Dr. Maryam	31-08-23
9.	Parotid & Temporal region	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	01-09-23
		B		Dr. Gaiti Ara	01-09-23
		C		Dr. Sadia	01-09-23
		D		Dr. Maryam	01-09-23
10.	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	02-09-23
		B		Dr. Gaiti Ara	02-09-23
		C		Dr. Sadia	02-09-23
		D		Dr. Maryam	02-09-23
11.	Infratemporal fossa I	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	04-09-23
		B		Dr. Gaiti Ara	04-09-23
		C		Dr. Sadia	04-09-23
		D		Dr. Maryam	04-09-23
12.	Infratemporal fossa II	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	05-09-23
		B		Dr. Gaiti Ara	05-09-23
		C		Dr. Sadia	05-09-23
		D		Dr. Maryam	05-09-23
13.	Pterygopalatine Fossa	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	06-09-23
		B		Dr. Gaiti Ara	06-09-23
		C		Dr. Sadia	06-09-23
		D		Dr. Maryam	06-09-23
14.	External & Middle Ear	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	07-09-23
		B		Dr. Gaiti Ara	07-09-23
		C		Dr. Sadia	07-09-23
		D		Dr. Maryam	07-09-23
15.	Inner ear	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	08-09-23
		B		Dr. Gaiti Ara	08-09-23
		C		Dr. Sadia	08-09-23
		D		Dr. Maryam	08-09-23
16.	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	09-09-23
		B		Dr. Gaiti Ara	09-09-23
		C		Dr. Sadia	09-09-23
		D		Dr. Maryam	09-09-23
17.	Nose & Paranasal sinuses	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sajjad	09-09-23
		B		Dr. Gaiti Ara	09-09-23
		C		Dr. Sadia	09-09-23
		D		Dr. Maryam	09-09-23

Module 6- Endocrinology

Content Areas

Embryology	Histology	Gross Anatomy
Development of pituitary & pineal gland Developmnt of thyroid & parathyroid gland Developmnt adrenal gland and pancreas	Pituitary & pineal gland Thyroid & parathyroid gland Adrenal gland and pancreas	Bones of neck. Hyoid Bone & Cervical vertebrae Fascias of Neck Superficial structures of neck Lateral-cervical region (muscles & triangles) Latera-cervical-region (neurovascular organization) Interior-cervical region(muscles) Interior-cervical region (vessels of neck & cervical plexus) Submandular region Soft palate Deep structures of neck Root of neck Thyroid&Parathyroid gland Larynx Pharynx pancreas

Faculty Contact Hours

Sr No.	Teaching Strategies	Total Hours
1	Large Group Interactive Session (LGIS)	14 * 1= 14 hours
2	Small Group Discussions (SGD)	1.5 * 4 = 6 hours + 2 hrs = 8 hours
3	Practical / Skill Lab	1.5 * 3 = 4.5 hours

Large Group Interactive Sessions

Sr. No.	TOPIC	TEACHER	EVEN/ ODD HALF	DATE
1	Development of Pituitary & Pineal Gland	Prof. Dr. Ifra Saeed	Even	18-09-2023
			Odd	19-09-2023
2	Histology of Pituitary & Pineal Gland	Dr. Maria Tasleem	Even	19-09-2023
			Odd	18-09-2023
3	Histology of Thyroid & Parathyroid Gland	Dr. Maria Tasleem	Even	23-09-2023
			Odd	25-09-2023
4	Development of Thyroid & Parathyroid Gland	Prof. Dr. Ifra Saeed	Even	25-09-2023
			Odd	23-09-2023
5	History of Medical Ethics	Dr. Maria Tasleem	Even	28-09-2023
		Dr. Arsalan Manzoor	Odd	28-09-2023
6	Development of Adrenal Gland & Pancreas	Prof. Dr. Ifra Saeed	Even	04-10-2023
			Odd	02-10-2023
7	Histology of Adrenal Gland & Pancreas	Dr. Maria Tasleem	Even	02-10-2023

Practical/Skills Sessions

SR.NO	TOPIC	BATCH	SUPERVISED BY	NAME OF TEACHER	DATE
1.	Histology of Pituitary Gland	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Maryam/Dr. Tariq	18-09-23
		D		Dr.Maryam/Dr. Tariq	19-09-23
		E		Dr.Maryam/Dr. Tariq	20-09-23
		B		Dr.Maryam/Dr. Tariq	21-09-23
		A		Dr.Maryam/Dr. Tariq	23-09-23
2.	Histology of Thyroid & Parathyroid Gland	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara/Dr. Tariq	25-09-23
		D		Dr. Gaiti Ara/Dr. Tariq	26-09-23
		E		Dr. Gaiti Ara/Dr. Tariq	27-09-23
		B		Dr. Gaiti Ara/Dr. Tariq	28-09-23
		A		Dr. Gaiti Ara/Dr. Tariq	30-09-23
3.	Histology of Adrenal Gland & Pancreas	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Sadia/Dr Tariq	02-10-23
		D		Dr.Sadia/Dr Tariq	03-10-23
		E		Dr.Sadia/Dr Tariq	04-10-23
		B		Dr.Sadia/Dr Tariq	05-10-23
		A		Dr.Sadia/Dr Tariq	07-10-23

SGD/CBL Sessions

Sr. NO	TOPIC	BATCH	SUPERVISED BY	NAME OF TEACHER	DATE
1.	Bones of Neck, Hyoid Bone & Cervical Vertebrae	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr Maryam	18-09-23
		B		Dr. Sadia	18-09-23
		C		Dr. Gaiti Ara	18-09-23
		D		Dr. Sajjad	18-09-23
2.	Superficial & Deep Fascia of Neck	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	19-09-23
		B		Dr. Sadia	19-09-23
		C		Dr. Gaiti Ara	19-09-23
		D		Dr. Sajjad	19-09-23
3.	Superficial structures of Neck- Sternocleidomastoid region	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	20-09-23
		B		Dr. Sadia	20-09-23
		C		Dr. Gaiti Ara	20-09-23
		D		Dr. Sajjad	20-09-23
4.	Lateral Cervical Region- Muscles	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	21-09-23
		B		Dr. Sadia	21-09-23
		C		Dr. Gaiti Ara	21-09-23
		D		Dr. Sajjad	21-09-23
5.	Lateral Cervical Region- Neurovascular organization	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	22-09-23
		B		Dr. Sadia	22-09-23
		C		Dr. Gaiti Ara	22-09-23
		D		Dr. Sajjad	22-09-23

6.	Anterior Cervical region I-Anterior triangle of neck	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	23-09-23
		B		Dr. Sadia	23-09-23
		C		Dr. Gaiti Ara	23-09-23
		D		Dr. Sajjad	23-09-23
7.	Anterior Cervical region II- Vessels of neck	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	25-09-23
		B		Dr. Sadia	25-09-23
		C		Dr. Gaiti Ara	25-09-23
		D		Dr. Sajjad	25-09-23
8.	Nerves of neck	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	26-09-23
		B		Dr. Sadia	26-09-23
		C		Dr. Gaiti Ara	26-09-23
		D		Dr. Sajjad	26-09-23
9.	Submandibular region	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	27-09-23
		B		Dr. Sadia	27-09-23
		C		Dr. Gaiti Ara	27-09-23
		D		Dr. Sajjad	27-09-23
10.	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	28-09-23
		B		Dr. Sadia	28-09-23
		C		Dr. Gaiti Ara	28-09-23
		D		Dr. Sajjad	28-09-23
11.	Deep structures of neck- prevertebral muscles	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	29-09-23
		B		Dr. Sadia	29-09-23
		C		Dr. Gaiti Ara	29-09-23
		D		Dr. Sajjad	29-09-23
12.	Root of Neck	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	30-09-23
		B		Dr. Sadia	30-09-23
		C		Dr. Gaiti Ara	30-09-23
		D		Dr. Sajjad	30-09-23
13.	Soft Palate	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	30-09-23
		B		Dr. Sadia	30-09-23
		C		Dr. Gaiti Ara	30-09-23
		D		Dr. Sajjad	30-09-23
14.	Viscera of Neck- Endocrine layer	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	02-10-23
		B		Dr. Sadia	02-10-23
		C		Dr. Gaiti Ara	02-10-23
		D		Dr. Sajjad	02-10-23
15.	Respiratory Layer- Larynx & Trachea	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	03-10-23
		B		Dr. Sadia	03-10-23
		C		Dr. Gaiti Ara	03-10-23
		D		Dr. Sajjad	03-10-23
16.	Pancreas & Adrenal Gland	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	04-10-23
		B		Dr. Sadia	04-10-23
		C		Dr. Gaiti Ara	04-10-23
		D		Dr. Sajjad	04-10-23
17.	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	05-10-23
		B		Dr. Sadia	05-10-23
		C		Dr. Gaiti Ara	05-10-23
		D		Dr. Sajjad	05-10-23
18.	Alimentary Layer-Pharynx &	A	Prof Dr. Ayesha Yousaf	Dr Maryam	06-10-23

	Esophagus	B	Dr.MariaTasleem	Dr. Sadia	06-10-23
		C		Dr. Gaiti Ara	06-10-23
		D		Dr. Sajjad	06-10-23
19.	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr Maryam	07-10-23
		B		Dr. Sadia	07-10-23
		C		Dr. Gaiti Ara	07-10-23
		D		Dr. Sajjad	07-10-23

Research Club Activity Sessions

Sr.N O.	MODULE	TOPIC (SESSION)	DATE	TEACHER
1.	CNS	Research Club Activity	15-06-23	Dr. Maryam Dr. Sadia Dr. Gaiti Ara Dr. Sajjad
2.	Special Senses	Research Club Activity	23-08-23	Dr. Maryam Dr. Sadia Dr. Gaiti Ara Dr. Sajjad
3.	Endocrinology	Research Club Activity	20-09-23	Dr. Maryam Dr. Sadia Dr. Gaiti Ara Dr. Sajjad

Bioethics, Leadership & Professionalism Large Group Interactive Sessions

Sr.N O.	MODULE	TOPIC (SESSION)	DATE	TEACHER
1.	GIT	No lecture in this module		
2.	Renal	Ethics of social media and advertising		Dr. Arsalan Manzoor
		Ethical principles		
3.	Endocrinology	History of Medical Ethics		Dr. Arsalan Manzoor Dr. Maria Tasleem

Allied Health Sciences

Content Areas

Doctor of Physical Therapy (DPT)		Orthotic & Prosthetic Sciences (O&P) Medical Laboratory Technology (MLT) Optometry & Orthoptics (O&O)	
1 st Year	2 nd Year	1 st Year	2 nd Year (Optometry Only)
General Anatomy Skin Bone & Cartilage Muscle Joints CVS Gross Anatomy Upper Limb Lower Limb General Histology Cell Epithelium Connective tissue Bone Muscles tissue Nervous tissues Blood vessels Skin & appendages Lymphatic organs	General Anatomy Nervous system Gross Anatomy Thorax Head & Neck Abdomen & Pelvis General Embryology Special Embryology Musculoskeletal system Cardiovascular system CNS Neuroanatomy	General Anatomy Introduction Skin MSK Nervous System CVS Respiratory System Digestive System Genitourinary System	Anatomy of the Eye Eye Lid & Cornea Sclera and its Openings Limbus and Conjunctiva Anterior Chamber Lacrimal Apparatus Extra – Ocular Muscles Skull & Orbit Uveal Tract Lens & Vitreous Retina Choroid Brain Optic Nerve & Tract Visual Cortex Visual Pathway Anatomy of Cranial Nerves (I – VII)
Medical Imaging Technology (MIT)			
1 st Year		2 nd Year	
General Anatomy Introduction Skin Muscular System Nervous System CVS Respiratory System Digestive System Genitourinary System		Gross Anatomy Head and Brain Neck Chest and Mediastinum Abdomen Pelvis Musculoskeletal	

1st Year Allied Health Sciences

Teaching Schedule

Date of Commencement: 11-04-2023

Venue: AHS Lecture Hall, Main Campus, Rawalpindi Medical University

Topic Code	Day/Date/Time	Topic	Content Areas	Instructor
GA1	Tuesday 11-04-2023 11am-12pm	Introduction to Anatomy Department	Introduction and visit of the department	Dr Arsalan Manzoor Mughal
GA2	Wednesday 12-04-2023 10am-11am	Position & Movements	Terms related to position and movements	Dr Sadia Baqir
HP1	Thursday 13-04-2023 11am-12pm	Introduction to Microscope	Introduction to Histology & Microscope	Dr Mohtashim Hina / Dr Zeneera Saqib
GA3	Tuesday 25-04-2023 11am-12pm	GA Skin	Layers of skin Microscopic picture of skin Integuments of skin Glands associated with hair follicle	Dr Urooj Shah
GA4	Wednesday 26-04-2023 10am-11am	GA Bone	Osteology Functions of Bones Classification of bones Parts of developing long bones Blood supply of bones Lymphatic vessels & nerve supply Rule of direction of nutrient foramen Gross structure of long bone	Dr Qurrat Ul Alin
HP2	Thursday 27-04-2023 11am-12pm	Epithelium 1	Simple Epithelium	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 5	Tuesday 2-05-2023 11am-12pm	GA Cartilage	Cartilage Development of bone and cartilage Microscopic picture of cartilage and bone	Dr Ali Raza
GA 6	Wednesday 3-05-2023 10am-11am	GA Muscle	Introduction Histological Classification Functions of muscles in general Type of skeletal muscles Parts of skeletal muscle and their action Nomenclature. Microscopic picture of muscle	Dr Sadia Baqir
HP3	Thursday 4-05-2023 11am-12pm	Epithelium 2	Stratified Epithelium	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 7	Tuesday 9-05-2023 11am-12pm	Structures Related To Muscles & Bones	Tendons Aponeurosis Fasciae Synovial bursae Tendon Synovial sheaths Raphe Ligaments Condyle Epicondyle Ridge	Dr Urooj Shah

			Tuberosity Tubercle Foramen Canal Groove Process	
GA 8	Wednesday 10-05-2023 10am-11am	GA Joints	Introduction Functional classifications Structural classification Structures comprising a Synovial joint Movements of joints Blood supply of Synovial joints, their nerve supply and lymphatic drainage Factors responsible for joint stability. Development of joints	Dr Qurrat Ul Alin
HP 4	Thursday 11-05-2023 11am-12pm	Connective tissue	Loose & Dense Connective Tissue	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 9	Tuesday 16-05-2023 11am-12pm	GA CVS 1	Definition Division of circulatory system into pulmonary & systemic Classification of blood vessels and their microscopic picture	Dr Ali Raza
GA 10	Wednesday 17-05-2023 10am-11am	GA CVS 2	Heart and its histology Function of the Heart Anastomosis	Dr Sadia Baqir
HP 5	Thursday 18-05-2023 11am-12pm	Cartilage	Hyaline, Elastic & Fibro Cartilage	Dr Mohtashim Hina / Dr Zeneera Saqib
GA11	Tuesday 23-05-2023 11am-12pm	GA Musculoskeletal 1	Components of the Skeletal System Description of Axial & Appendicular Skeleton The process of bone ossification. Growth, Remodeling, and repair Skull (General: Foramin sutures) Shape and regions of vertebral column Important features of the regional vertebrae	Dr Urooj Shah
GA12	Wednesday 24-05-2023 10am-11am	GA Musculoskeletal 2	Various types of joints and types of joint movement Connective tissue, components of the connective tissue matrix Origin, insertion. synergist, antagonist and prime mover. The movements of the arm, forearm and hand and the involved muscle groups Muscles of the trunk and the actions they accomplish Bones of the thoracic cage, including the types of ribs. The bones of the pectoral girdle and upper limb Movements of the thigh, leg and foot with involved muscle groups The bones of the pelvic girdle and lower limb	Dr Qurrat Ul Alin
HP 6	Thursday 25-05-2023 11am-12pm	Bone	Compact & Spongy Bone	Dr Mohtashim Hina / Dr Zeneera Saqib

GA13	Tuesday 30-05-2023 11am-12pm	Written Test GA	MCQ format	Dr Arsalan Manzoor Mughal
GA14	Wednesday 31-05-2023 10am-11am	Viva GA	All content covered	All Faculty
HP 6	Thursday 01-06-2023 11am-12pm	Histology Practical Test	All content covered	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 7	Tuesday 16-05-2023 11am-12pm	Structures Related To Muscles & Bones	Tendons, Aponeurosis, Fasciae, Synovial bursae, Tendon Synovial sheaths, Raphe Ligaments, Condyle, Epicondyle, Ridge, Tuberosity, Tubercle, Foramen, Canal, Groove, Process	Dr Urooj Shah
GA 8	Wednesday 17-05-2023 10am-11am	GA Joints	Introduction Functional classifications Structural classification Structures comprising a Synovial joint Movements of joints Blood supply of Synovial joints, their nerve supply and lymphatic drainage Factors responsible for joint stability. Development of joints	Dr Qurrat Ul Alin
HP 4	Thursday 18-05-2023 11am-12pm	Connective tissue	Loose & Dense Connective Tissue	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 9	Tuesday 30-05-2023 11am-12pm	GA CVS 1	Definition Division of circulatory system into pulmonary & systemic Classification of blood vessels and their microscopic picture	Dr Ali Raza
GA 10	Wednesday 31-05-2023 10am-11am	GA CVS 2	Heart and its histology Function of the Heart Anastomosis	Dr Sadia Baqir
HP 5	Thursday 1-06-2023 11am-12pm	Cartilage	Hyaline, Elastic & Fibro Cartilage	Dr Mohtashim Hina / Dr Zeneera Saqib
GA11	Tuesday 6-06-2023 11am-12pm	GA Musculoskeletal 1	Components of the Skeletal System Description of Axial & Appendicular Skeleton The process of bone ossification. Growth, Remodeling, and repair Skull (General: Foramin sutures) Shape and regions of vertebral column Important features of the regional vertebrae	Dr Urooj Shah
GA12	Wednesday 7-06-2023 10am-11am	GA Musculoskeletal 2	Various types of joints and types of joint movement connective tissue, components of the connective tissue matrix Origin, insertion. synergist, antagonist and prime mover. The movements of the arm, forearm and hand and the involved muscle groups Muscles of the trunk and the actions they accomplish Bones of the thoracic cage, including the types of ribs. The bones of the pectoral girdle and upper limb	Dr Qurrat Ul Alin

			Movements of the thigh, leg and foot with involved muscle groups The bones of the pelvic girdle and lower limb	
HP 6	Thursday 8-06-2023 11am-12pm	Bone	Compact & Spongy Bone	Dr Mohtashim Hina / Dr Zeneera Saqib
GA13	Tuesday 13-06-2023 11am-12pm	Written Test GA	MCQ format	Dr Arsalan Manzoor Mughal
GA14	Wednesday 14-06-2023 10am-11am	Viva GA	All content covered	All Faculty
HP 6	Thursday 15-06-2023 11am-12pm	Histology Practical Test	All content covered	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 15	Tuesday 25-07-2023 11am-12pm	GA Nervous System 1	Division of the Nervous System and the characteristics of each. Central Nervous System Peripheral Nervous System Autonomic Nervous System Special Senses The structure of a neuron, nerve, nerve tract, nucleus, and ganglion. The components of a reflex arc and synapse The three meningeal layers surrounding the central nervous system, Cerebrospinal fluid and its circulation.	Dr Urooj Shah
GA 16	Wednesday 26-07-2023 10am-11am	GA Nervous System 2	List the various cranial nerves Various lobes of the brain and the cerebellum Anatomical pathways and description of: Olfactory system---- olfactory neurons Hearing and Balance , structure of the outer middle and inner ear Taste ---- taste bud. Visual --- chambers of the eye and structure of the rods and cones	Dr Qurrat Ul Alin
GA 17	Tuesday 01-08-2023 11am-12pm	GA CVS 1	Anatomy of the Heart---- the size, shape and location of the heart and Chambers, valves and their locations The location of the coronary arteries The structure of the conduction system of the heart. Pulmonary and systemic circulation	Dr Ali Raza
GA 18	Wednesday 02-08-2023 10am-11am	GA CVS 2	The structure of arteries, capillaries and veins. Major arteries and veins and the body areas, they supply Lymphatic system tonsils, lymph nodes, the spleen and the thymus.	Dr Sadia Baqir
HP 7	Thursday 03-08-2023 11am-12pm	Histology Muscle Tissue	Skeletal, Cardiac & Smooth Muscles	Dr Mohtashim Hina / Dr Zeneera Saqib

GA19	Tuesday 8-08-2023 11am-12pm	GA Respiratory System	The anatomy of the respiratory passages, beginning at the nose and ending with the alveoli. The lobes of the lungs and the membranes that cover the lungs Pleural cavity The muscles of respiration	Dr Urooj Shah
GA20	Wednesday 9-08-2023 10am-11am	GA Digestive System	The structure of the organs that make up the digestive tract and their relations to other organs in thoracic and abdominal cavity Blood supply of the organs of the GI tract" Important secretory glands, the Hepatobiliary and pancreas (both exocrine and endocrine components). Salivary glands.	Dr Qurrat Ul Alin
HP 8	Thursday 10-08-2023 11am-12pm	Histology Nervous Tissue	Spinal Cord, Cerebrum, Cerebellum	Dr Mohtashim Hina / Dr Zeneera Saqib
GA21	Tuesday 15-08-2023 11am-12pm	GA Genitourinary System	The structures and organs of the urinary system and its relations with other organs The structure of the nephron Formation of Sex Cells Organs of the Male Reproductive System Organs of the Female Reproductive System	Dr Ali Raza
GA22	Wednesday 16-08-2023 10am-11am	CA Test 2	GA MCQ Test	Dr Sadia Baqir
HP 9	Thursday 17-08-2023 11am-12pm	Histology Blood Vessels	Artery & Vein	Dr Mohtashim Hina / Dr Zeneera Saqib
HP 10	Thursday 24-08-2023 11am-12pm	Histology Skin and appendages	Thick & Thin Skin	Dr Zeneera Saqib
UL01	Tuesday 29-08-2023 11am-12pm	Upper Limb 1	Breasts	Dr Urooj Shah
UL02	Wednesday 30-08-2023 10am-11am	Upper Limb 2	Bones of Shoulder	Dr Qurrat Ul Alin
HP 11	Thursday 31-08-2023 11am-12pm	Histology Lymphatic organs 1	Thymus, Spleen	Dr Ali Raza
UL03	Tuesday 5-09-2023 11am-12pm	Upper Limb 3	Axilla	Dr Sadia Baqir
HP 12	Thursday 7-09-2023 11am-12pm	Histology Lymphatic organs 2	Lymph Node & Tonsil	Dr Zeneera Saqib
UL04	Tuesday 12-09-2023 11am-12pm	Upper Limb 4	Brachial Plexus	Dr Urooj Shah
UL05	Wednesday 13-09-2023 10am-11am	Upper Limb 5	Humerus and Joints of Shoulder	Dr Qurrat Ul Alin

HP 13	Thursday 14-09-2023 11am-12pm	Histology Practical Revision	Histology Muscle Tissue, Histology Nervous Tissue ,Blood Vessels . Skin and appendages, Lymphatic organs,	Dr Zeneera Saqib
UL06	Tuesday 19-09-2023 11am-12pm	Upper Limb 6	Anterior Compartment of Arm	Dr Ali Raza
UL07	Wednesday 20-09-2023 10am-11am	Upper Limb 7	Posterior Compartment of arm	Dr Sadia Baqir
HP14	Thursday 21-08-2023 11am-12pm	Histology Practical Test	Histology Muscle Tissue, Histology Nervous Tissue ,Blood Vessels . Skin and appendages, Lymphatic organs,	Dr Zeneera Saqib
UL00	Tuesday 26-09-2023 11am-12pm	Upper Limb 8	Cubital Fossa	Dr Urooj Shah
UL9	Thursday 28-08-2023 11am-12pm	Upper Limb Assessment 1	Viva	All Faculty
UL10	Tuesday 3-10-2023 11am-12pm	Upper Limb 9	Bones and Joints of Arm	Dr Qurrat Ul Alin
UL11	Wednesday 4-10-2023 10am-11am	Upper Limb 10	Anterior Compartment of Forearm	Dr Ali Raza
UL12	Thursday 5-10-2023 11am-12pm	Upper Limb 11	Posterior Compartment of Forearm	Dr Sadia Baqir
UL13	Tuesday 10-10-2023 11am-12pm	Upper Limb 12	Wrist and retinacula	Dr Urooj Shah
UL14	Wednesday 11-10-2023 10am-11am	Upper Limb 13	Muscles of Palm of Hand	Dr Qurrat Ul Alin
UL15	Thursday 12-10-2023 11am-12pm	Upper Limb 14	Nerves of Hand	Dr Ali Raza
UL16	Tuesday 17-10-2023 11am-12pm	Upper Limb 15	Vasculature of Hand	Dr Sadia Baqir
UL17	Wednesday 18-10-2023 10am-11am	Upper Limb 16	Radiographic Anatomy of Upper limb	Dr Urooj Shah
UL18	Thursday 19-10-2023 11am-12pm	Revision	Revision	-
UL18	Tuesday 24-10-2023 11am-12pm	Upper Limb Assessment 2	Viva	All Faculty

2nd Year Allied Health Sciences

Teaching Schedule

Date of Commencement: 21-02-2023

Venue: Anatomy Museum, Department of Anatomy, Main Campus, Rawalpindi Medical University

Module 1- Thorax				
Topic Code	Day/ Date/ Time	Topic	Content Areas	Instructor
TH1	Tuesday 21-2-2023 10am-12pm	Introduction & Overview	General Organization of Thorax	Dr. Tariq Furqan
TH2	Thursday 23-02-2023 10am-12pm	Thoracic Wall 1	Typical Ribs, Typical Vertebrae, Thoracic Cage, Inlet, Outlet	Dr. Tariq Furqan
TH3	Friday 24-02-2023 11am-12pm	Thoracic Wall 2	Intercostal Space, Muscles, nerves, Vessels	Dr. Tariq Furqan
TH4	Tuesday 28-2-2023 10am-12pm	Thoracic Wall 3 Thoracic Viscera 1	Diaphragm Mediastinum	Dr. Tariq Furqan
TH5	Thursday 2-03-2023 10am-12pm	Thoracic Viscera 2	Trachea, Bronchi & Lungs	Dr. Tariq Furqan
TH6	Friday 3-03-2023 11am-12pm	Thoracic Viscera 3	Pericardium & Heart (External features)	Dr. Tariq Furqan
TH7	Tuesday 7-3-2023 10am-12pm	Thoracic Viscera 4	Heart (internal features)	Dr. Tariq Furqan
TH8	Thursday 9-03-2023 10am-12pm	Thoracic Viscera 5	Arterial, Venous drainage & Nerve Supply of Heart	Dr. Tariq Furqan
TH9	Friday 10-03-2023 11am-12pm	Thoracic Viscera 6	Arteries, Veins of Thorax	Dr. Tariq Furqan
TH10	Tuesday 14-3-2023 10am-12pm	Thoracic Viscera 7	Nerves & Lymph nodes of the thorax	Dr. Tariq Furqan
TH11	Thursday 16-03-2023 10am-12pm	Thoracic Viscera 8	Surface Marking & Imaging of Thorax	Dr. Tariq Furqan
TH12	Friday 17-03-2023 11am-12pm	Thoracic Viscera 9	Dissection & Spotting	Dr. Tariq Furqan
TH13	Friday 24-3-2023 11am-12pm	Thorax Viva	Entire Region	All Faculty
Module 2- Abdomen				
AB1	Tuesday 21-3-2023 10am-12pm	Abdominal Wall 1	Anterior Abdominal Wall & Rectus Sheath	Dr. Tariq Furqan
AB2	Tuesday	Abdominal Wall 2	Inguinal Canal & Spermatic Cord	Dr. Tariq Furqan

	28-3-2023 10am-12pm			
AB3	Thursday 30-3-2023 10am-12pm	Abdominal Wall 3	Posterior Abdominal Wall & Fascias	Dr. Tariq Furqan
AB4	Friday 31-3-2023 11am-12pm	Abdominal Viscera 1	Peritoneum	Dr. Tariq Furqan
AB5	Tuesday 4-4-2023 10am-12pm	Abdominal Viscera 2	Esophagus & Stomach	Dr. Tariq Furqan
AB6	Thursday 6-4-2023 10am-12pm	Abdominal Viscera 3	Small & Large Intestines	Dr. Tariq Furqan
AB7	Thursday 27-4-2023 10am-12pm	Abdominal Viscera 4	Liver & Bile Duct	Dr. Tariq Furqan
AB8	Friday 28-4-2023 11am-12pm	Abdominal Viscera 5	Pancreas, Spleen & Suprarenal gland	Dr. Tariq Furqan
AB9	Tuesday 2-5-2023 10am-12pm	Abdominal Viscera 6	Arteries of Abdomen	Dr. Tariq Furqan
AB10	Thursday 4-5-2023 11am-12pm	Abdominal Viscera 7	Veins of Abdomen & Portal System	Dr. Tariq Furqan
AB11	Friday 5-5-2023 11am-12pm	Abdominal Viscera 8	Nerves (With lumbar plexus) and Lymphatics	Dr. Tariq Furqan
AB12	Tuesday 9-5-2023 10am-12pm	Dissection	Dissection	Dr. Tariq Furqan
AB13	Thursday 11-5-2023 11am-12pm	Viva	Viva Abdomen region	All Faculty
Module 3- Pelvis				
Topic Code	Day/Date/Time	Topic	Content Areas	Instructor
AB13	Tuesday 16-5-2023 10am-12pm	Pelvic Walls 1	Bony Pelvis & Sex differences	Dr. Tariq Furqan
AB14	Thursday 18-5-2023 11am-12pm	Pelvic Walls 2	Pelvic Walls, Fascia & Peritoneum	Dr. Tariq Furqan
AB15	Friday 19-5-2023 11am-12pm	Pelvic Walls 3	Nerves and Arteries of Pelvis	Dr. Tariq Furqan
AB16	Tuesday 30-5-2023 10am-12pm	Pelvic Walls 4	Veins & Joints of Pelvis	Dr. Tariq Furqan
AB17	Thursday 1-6-2023 11am-12pm	Pelvic Cavity 1	Colon & Rectum	Dr. Tariq Furqan
AB18	Friday 2-6-2023 11am-12pm	Pelvic Cavity 2	Ureter & Urinary Bladder (Male & Female)	Dr. Tariq Furqan

AB19	Tuesday 6-6-2023 10am-12pm	Pelvic Cavity 3	Female Genital Organs	Dr. Tariq Furqan
AB20	Thursday 8-6-2023 11am-12pm	Pelvic Cavity 4	Surface Marking & Imaging of Pelvis	Dr. Tariq Furqan
AB21	Friday 9-6-2023 11am-12pm	Viva	Viva (Module 3-Abdomen & Module 4-Pelvis)	All Faculty

Module 3- Head & Neck, Neuro Anatomy

Topic Code	Day/Date/Time	Topic	Content Areas	Instructor
HN1	Tuesday 13-6-2023 10am-12pm	Head, Neck, Neuroanatomy 1	Skull Anterior, Posterior, lateral & Superior Views	Dr. Tariq Furqan
HN2	Thursday 15-6-2023 10am-12pm	Head, Neck, Neuroanatomy 2	Skull Inferior View, Vault and Base	Dr. Tariq Furqan
HN3	Friday 16-6-2023 11am-12pm	Head, Neck, Neuroanatomy 3	Cerebrum	Dr. Tariq Furqan
HN4	Tuesday 20-6-2023 10am-12pm	Head, Neck, Neuroanatomy 4	Diencephalon & Midbrain	Dr. Tariq Furqan
HN5	Thursday 22-6-2023 10am-12pm	Head, Neck, Neuroanatomy 5	Hindbrain	Dr. Tariq Furqan
HN6	Friday 23-6-2023 11am-12pm	Head, Neck, Neuroanatomy 6	Ventricles & CSF	Dr. Tariq Furqan

Summer Vacations- 26th June 2023 to 22nd July 2023

Module 3- Head & Neck, Neuro Anatomy

Topic Code	Day/Date/Time	Topic	Content Areas	Instructor
HN7	Tuesday 25-6-2023 10am-12pm	Head, Neck, Neuroanatomy 1	Spinal Cord 1	Dr. Tariq Furqan
HN8	Tuesday 01-7-2023 10am-12pm	Head, Neck, Neuroanatomy 2	Spinal Cord 2	Dr. Tariq Furqan
HN9	Thursday 03-7-2023 10am-12pm	Head, Neck, Neuroanatomy 3	Brain Stem 1	Dr. Tariq Furqan
HN10	Friday 04-7-2023 11am-12pm	Head, Neck, Neuroanatomy 4	Brain Stem 2	Dr. Tariq Furqan
HN 11	Tuesday 08-7-2023 10am-12pm	Head, Neck, Neuroanatomy 5	Cerebellum	Dr. Tariq Furqan
HN 12	Thursday 10-7-2023 10am-12pm	Head, Neck, Neuroanatomy 6	Diencephalon 1	Dr. Tariq Furqan
HN13	Friday 11-7-2023 11am-12pm	Head, Neck, Neuroanatomy 7	Diencephalon 2	Dr. Tariq Furqan
HN12	Tuesday	Head, Neck,	Cerebrum 1	Dr. Tariq Furqan

	15-7-2023 10am-12pm	Neuroanatomy 8		
HN13	Thursday 17-7-2023 10am-12pm	Head, Neck, Neuroanatomy 9	Cerebrum 2	Dr. Tariq Furqan
HN14	Friday 18-7-2023 11am-12pm	Head, Neck, Neuroanatomy 10	Cerebrum 3	Dr. Tariq Furqan
HN15	Tuesday 22-7-2023 10am-12pm	Head, Neck, Neuroanatomy 11	Descending tracts	Dr. Tariq Furqan
HN16	Thursday 24-7-2023 10am-12pm	Head, Neck, Neuroanatomy 12	Ascending Tracts	Dr. Tariq Furqan
HN17	Friday 25-7-2023 11am-12pm	Head, Neck, Neuroanatomy 13	Cranial Nerves 1	Dr. Tariq Furqan
HN18	Tuesday 29-7-2023 10am-12pm	Head, Neck, Neuroanatomy 14	Cranial Nerves 2	Dr. Tariq Furqan
HN19	Thursday 31-7-2023 10am-12pm	Head, Neck, Neuroanatomy 15	Cranial Nerves 3	Dr. Tariq Furqan
HN20	Friday 1-8-2023 11am-12pm	Head, Neck, Neuroanatomy 16	Autonomic Nervous System	Dr. Tariq Furqan
HN21	Tuesday 5-8-2023 10am-12pm	Head, Neck, Neuroanatomy 17	Blood Supply and Ventricular System	Dr. Tariq Furqan
HN22	Thursday 7-7-2023 10am-12pm	Head, Neck, Neuroanatomy 18	Models & Specimens 1	Dr. Tariq Furqan
HN23	Friday 8-8-2023 11am-12pm	Head, Neck, Neuroanatomy 19	Models & Specimens 2	Dr. Tariq Furqan
HN24	Tuesday 12-8-2023 10am-12pm	Viva		All Faculty

Module 4- Embryology (DPT Only)				
Topic Code	Day/Date/Time	Topic	Content Areas	Instructor
E01	Tuesday 26-9-2023 10am-12pm	Embryology 1	Reproductive Organs & Gametogenesis	Dr Ayesha Yousaf Professor & Head of Department Dr Manahil Haq Senior Demonstrator
E02	Thursday 28-9-2023 10am-12pm	Embryology 2	1 st Week of Development (Fertilization to Implantation)	Dr Ayesha Yousaf Professor & Head of Department Dr Manahil Haq Senior Demonstrator
E03	Friday 29-9-2023	Embryology 3	2 nd Week of Development	Dr Ayesha Yousaf Professor & Head of

	11am-12pm			Department Dr Manahil Haq Senior Demonstrator
E04	Tuesday 3-10-2023 10am-12pm	Embryology 4	3 rd Week of Development	Dr Saima Naz Professor of Anatomy
E05	Thursday 5-10-2023 10am-12pm	Embryology 5	Placenta & Fetal Membranes	Dr Saima Naz Professor of Anatomy
E00	Friday 6-10-2023 11am-12pm	Self-Study	Self Study	Self Study
E06	Tuesday 10-10-2023 10am-12pm	Embryology 6	Development of Musculoskeletal System-1	Dr Mohtashim Hina Associate Professor of Anatomy
E07	Thursday 12-10-2023 10am-12pm	Embryology 7	Development of Musculoskeletal System-2	Dr Mohtashim Hina Associate Professor of Anatomy
E08	Friday 13-10-2023 11am-12pm	Embryology 8	Development of Cardiovascular System-1	Dr Arsalan Manzoor Mughal Assistant Professor of Anatomy
E09	Tuesday 17-10-2023 10am-12pm	Embryology 9	Development of Cardiovascular System-2	Dr Arsalan Manzoor Mughal Assistant Professor of Anatomy
E10	Thursday 19-10-2023 10am-12pm	Embryology 10	Development of CNS-1	Dr Maria Tasleem Assistant Professor of Anatomy
E11	Friday 20-10-2023 11am-12pm	Embryology 11	Development of CNS-2	Dr Maria Tasleem Assistant Professor of Anatomy

Module 5- Anatomy of Eye (Optometry Only)			
Topic Code	Day/Date/Time	Topic	Instructor
OP2-1	Saturday 16-9-2023 11am-12pm	Anatomy of the Skull & Orbit	Dr. Tariq Furqan
OP2-2	Monday 18-9-2023 11am-12pm	Meninges and Dural Venous Sinuses Arterial Supply of Brain	Dr. Tariq Furqan
OP2-3	Tuesday 19-9-2023 11am-12pm	Parts of the Brain- Cerebrum, diencephalon, midbrain, hindbrain Anatomy of the Visual Cortex and cortical areas	Dr. Tariq Furqan
OP2-4	Saturday 23-9-2023 11am-12pm	Anatomy of the Eye Lid Anatomy of the Lacrimal Apparatus Anatomy of the Limbus and Conjunctiva	Dr. Tariq Furqan
OP2-5	Monday 25-9-2023 11am-12pm	Anatomy of the Extra – Ocular Muscles Anatomy of the Cornea Anatomy of the Sclera and its Openings	Dr. Tariq Furqan
OP2-6	Tuesday	Anatomy of the Lens & Vitreous	Dr. Tariq Furqan

	26-9-2023 11am-12pm	Anatomy of the Anterior Chamber Anatomy of the Uveal Tract Anatomy of the Choroid	
OP2-7	Saturday 30-9-2023 11am-12pm	Anatomy of the Retina Anatomy of the Optic Nerve Anatomy of the Visual Pathway	Dr. Tariq Furqan
OP2-8	Monday 2-10-2023 11am-12pm	Anatomy of Cranial Nerves (I – VII)	Dr. Tariq Furqan
OP2-9	Tuesday 3-10-2023 11am-12pm	Prep Leave	Dr. Tariq Furqan
OP2-10	Saturday 7-10-2023 11am-12pm	Viva	Dr. Tariq Furqan

BSc Nursing

Teaching Schedule

Date of Commencement: 01-08-2023

Venue: Lecture Hall 3 / 4, Main Campus, Rawalpindi Medical University

Time: 10am to 12noon

Unit 1:- Introduction To The Body As A Whole			
Serial no.	Date	Learning Objectives	Facilitator
1.	01-08-2023	Define the term Anatomy Understand the relationship b/w anterior & posterior Define level of organization of the body Define anatomical position Describe the various body planes	Dr. Ali Raza
2.	02-08-2023	Define the body cavities Discuss body cavities and list the organs lying within each cavity Identify abdomino-pelvic region & quadrants Identify the organs present in 9 quadrants Briefly discuss the importance of abdomino-pelvic quadrants and regions	Dr. Sajjad
Unit 3 :- Cell, Tissues And Membrane			
3.	08-08-2023	Describe structure & functions of a cell Discuss the process of cell division i.e. mitosis & meiosis Briefly discuss the importance of mitosis and meiosis	Dr. Arsalan
4.	09-08-2023	Classify the tissues of the body on the basis of structure, location & function Classify epithelial tissue Classify connective tissue	Dr. Zeneera
5.	15-08-2023	Classify muscle tissue on the basis of structure, location & function	Dr. Kashif
6.	16-08-2023	Classify nervous tissue on the basis of structure, location & function	Dr. Kashif
Unit 4 :- The Skeletal System			
7.	22-08-2023	Define skeletal system Discuss the structure, types & function of bones List the function of skeletal System Identify the bones of axial & appendicular skeleton Describe the bones of rib cage/chest	Dr. Kashif
8.	23-08-2023	Describe the bones of pectoral girdle and upper limb	Dr. Kashif
9.	29-08-2023	Describe the bones of pelvic girdle and lower limb	Dr. Kashif
10.	30-08-2023	Describe the bones of skull & vertebral column	Dr. Kashif
11.	05-09-2023	Describe the bones of pelvis and discuss the differences b/w male and female pelvis	Dr. Kashif
Unit 5 :- The Joints			
12.	12-09-2023	Define the term joint Discuss with examples Fibrous Cartilaginous & Synovial joints	Dr. Kashif

13.	13-09-2023	Describe a synovial joint Describe it's common characteristic features List the type of synovial joints and movements possible on them	Dr. Kashif
Unit 6 :- The Muscular System			
14.	19-09-2023	Define the following terms fascia, epimysium, perimysium, endomysium , tendon & aponeurosis	Dr. Kashif
15.	20-09-2023	Describe the location and function of neck and face muscles	Dr. Kashif
16.	26-09-2023	Describe the location and function of major muscles of back and upper limb	Dr. Kashif
17.	27-09-2023	Describe the location and function of major muscles of lower limb	Dr. Kashif
Unit 7 :- The Integumentary System (Skin, Nail & Hair)			
18.	02-10-2023	Describe two layers of skin Epidermis & dermis Briefly discuss structure & function of sweat glands, sebaceous gland, hair & nail	Dr. Kashif
Unit 8 :- The Cardiovascular System			
19.	03-10-2023	Explain the structure & function of arteries, vein and capillaries	Dr. Kashif
20.	09-10-2023	Describe the location, structure and functions of the heart and its great vessels Describe the conducting system	Dr. Kashif
Unit 9 :- The Lymphatic System			
21.	10-10-2023	Define lymph & the lymphatic system Identify and describe lymph nodes, spleen & thymus	Dr. Kashif
Unit 10 :- The Digestive System			
22.	16-10-2023	Define digestive system Identify various organs of GIT Discuss structure of mouth, esophagus & stomach	Dr. Kashif
23.	17-10-2023	Discuss structure of intestine & Accessory organs	Dr. Kashif
23-10-2023 MCQ ASSESSMENT			

Diploma in Medical Jurisprudence

Teaching Schedule

Date of Commencement: 01-08-2023

Venue: Department of Anatomy, Main Campus, Rawalpindi Medical University

S No	Date and Time	Day	Topic	Facilitator
1	4-09-2023 9am-10am	Monday	General Osteology	Dr Arsalan Manzoor Mughal Assistant Professor of Anatomy, Co-Director MHPE, Managing Editor JPMC
2	5-09-2023 9am-10am	Tuesday	Embryology- Gametogenesis & Fertilization	Prof Dr Ayesha Yousaf Professor and Head of Department Anatomy
3	6-09-2023 9am-10am	Wednesday	Embryology- Embryonic Period	Dr Maria Tasleem Assistant Professor Anatomy
4	11-09-2023 9am-10am	Monday	Self Study	Self Study
5	12-09-2023 9am-10am	Tuesday	Embryology- Fetal Age Estimation	Dr Ifra Saeed Professor of Anatomy and Additional Director DME
6	13-09-2023 9am-10am	Wednesday	Axial Skeleton (Skull & Mandible)	Dr Tariq Furqan Senior Instructor, Anatomy
7	18-09-2023 9am-10am	Monday	Axial Skeleton (Vertebrae & Thoracic Cage) Appendicular Skeleton (Pelvis & Shoulder Girdle)	Dr Tariq Furqan Senior Instructor, Anatomy
8	19-09-2023 9am-10am	Tuesday	Embryology- Fetal Membranes and Teratology	Dr Saima Naz Professor of Anatomy
9	20-09-2023 9am-10am	Wednesday	Gross of Major Organ Systems- Heart	Dr Tariq Furqan Senior Instructor, Anatomy
10	25-09-2023 9am-10am	Monday	Gross of Major Organ Systems- Lungs & Diaphragm	Dr Tariq Furqan Senior Instructor, Anatomy
11	26-09-2023 9am-10am	Tuesday	Gross of Major Organ Systems- Liver and Portal system	Dr Tariq Furqan Senior Instructor, Anatomy
12	27-09-2023 9am-10am	Wednesday	Gross of Major Organ Systems- Brain and its blood supply	Dr Tariq Furqan Senior Instructor, Anatomy



Theory (MCQs & SEQs)



Quality Check by Vice Chancellor



Practical (OSPE and Skills)

Assessments

Theory Paper Analysis

1st Year Block 1

DEPARTMENT OF ANATOMY TOS OF FOUNDATION MODULE 1st YEAR MBBS

Cognitive Levels of Foundation Module MCQs Paper

Sr.No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1.	Core concepts of Anatomy	Horizontal integration	C1	3,7,10,13,16,17,18,20
			C2	1,8,14,15
2.	Anatomical physiology	Horizontal integration	C2	2,12
3.	Research	Vertical integration	C3	4,5,6,9,11,19
	Clinical			
Horizontal integration			70%	
Vertical integration			30%	

Cognitive Levels of Foundation Module SEQs Paper

Sr.No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1	Core concepts of Anatomy	Horizontal integration	C1	Q1b,Q1c,Q2c,Q3c,Q4a,Q4b.
			C2	Q2b,Q3b.
2	Clinical	Vertical integration	C3	Q1a,Q2a,Q3a.
Horizontal integration			72%	
Vertical integration			27%	

Continuous Internal Assessment Breakup

s.No.	Component	Marks of CIA	Total marks
1.	LMS based assessment of Anatomy	01	14
2.	Viva voce Anatomy	07	
3.	Written component Anatomy	06	

DEPARTMENT OF ANATOMY TOS OF MUSCULOSKELETAL MODULE-I 1ST YEAR MBBS (Batch 50)

Cognitive Levels of MCQs Paper

Sr. No	Domains Of Assessment	Level Of Integration	Cognitive Domain	Question Number
	Core concepts of Anatomy	Horizontal Integration	C1	Q1,8,12,13,14,16,19,
			C2	Q2,3,6,10,11,15,
	Anatomical Physiology	Horizontal Integration	C2	Q7
	Research	Vertical Integration	C3	Q4,5,9,17,18,20
	Clinical			
Horizontal Integration				70%
Vertical Integration				30%

Cognitive Levels of MSK-I Module SEQs Paper

Sr. No	Domains Of Assessment	Level Of Integration	Cognitive Domain	Question Number
1	Core Concepts Of Anatomy	Horizontal Integration	C1	Q2a,Q2b,Q4a,
			C2	Q1ai,1aii,Q3a,Q3b,Q4b
2	Clinical	Vertical Integration	C3	Q1aiii ,Q1bi, Q1bii
Horizontal Integration				72%
Vertical Integration				28%

Theory Paper Analysis

1st Year Block 2

DEPARTMENT OF ANATOMY TOS OF MUSCULOSKELETAL MODULE-II 1ST YEAR MBBS

Cognitive Levels of MCQs Paper

Sr. No	Domains Of Assessment	Level Of Integration	Cognitive Domain	Question Number
	Core concepts of Anatomy	Horizontal Integration	C1	Q6, Q12, Q13, Q15, Q16, Q18, Q19, Q20
			C2	Q7, Q8, Q11, Q14, Q17,
	Anatomical Physiology	Horizontal Integration	C2	Q5,
	Research Clinical	Vertical Integration	C3	Q1, Q2, Q3, Q4, Q10,
Horizontal Integration				70%
Vertical Integration				30%

Cognitive Levels of MSK-II Module SEQs Paper

Sr. No	Domains Of Assessment	Level Of Integration	Cognitive Domain	Question Number
1	Core Concepts Of Anatomy	Horizontal Integration	C1	Q1a, Q1b, Q3b, Q4b,
			C2	Q2c, Q2, Q2d, Q4c
2	Clinical	Vertical Integration	C3	Q2a, Q2b, Q3a, Q4a,
Horizontal Integration				66%
Vertical Integration				33%

DEPARTMENT OF ANATOMY TOS OF BLOOD AND IMMUNITY MODULE 1st YEAR MBBS

Cognitive Levels of Blood and Immunity Module MCQs Paper

Sr. No	Domains of Assessment	Level of integration	Cognitive domain	MCQ number
1.	Anatomy	Core concept	C1	Q5, Q 6, Q 10, Q 11, Q 12, Q 16, Q 17, Q 18, Q 20
			C2	Q 8, Q 9, Q 14
2.	Anatomical Physiology /Biochemistry	Horizontal integration	C2	Q 15, Q 7
3.	Research	Vertical integration	C3	Q 1, Q 2, Q 3, Q 4, Q 13, Q 19
	Clinical			
Horizontal integration			70%	
Vertical integration			30%	

Cognitive Levels of Blood and immunity Module SEQs Paper

Sr. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1	Core concepts of Anatomy	Horizontal integration	C1	Q2a, Q3a, Q4a
			C2	Q2b, Q4b
2	Clinical	Vertical integration	C3	Q1a, Q1b, Q3b.

Horizontal integration			63%	
Vertical integration			37%	

Syllabus of Blood and immunity module

S. No.	Topics
1.	Posterior compartment of leg
2.	Sole and dorsum of foot
4.	Gross anatomy of spleen, thymus and tonsils
5.	Development of pharyngeal arches, thymus, spleen and tonsils
6.	Histology of lymphoid organs

Theory Paper Analysis

1st Year Block 3

RAWALPINDI MEDICAL UNIVERSITY
DEPARTMENT OF ANATOMY
TOS CVS
1ST YEAR MBBS (Batch 50)

Table 1: Table of Specification (TOS) of CVS Module MCQs Paper In Context With Level of Cognition & Integration (20 MCQs)

Sr.No	Domains of Assessment	Level of integration	Cognitive domain	Question number	Percentage
1.	Core concepts	Core concepts of Anatomy	C1	Q4,9,13,14,18	25%
			C2	Q3,10,11,12,16,17,19	35%
2.	Anatomical physiology	Horizontal integration	C2	Q8	5%
3.	Clinical concepts	Vertical integration	C3	Q1,5,6,7,15,20	30%
4.	Research Year I	Longitudinal running modules	C3	Q2	5%

Table 2: Percentage Distribution of Various Cognitive Domains for MCQ Paper

1.	Core Concepts	60%
2.	Horizontal integration	5%
3.	Vertical integration	30%
4.	Research	5%

Table 3: Table of Specification (TOS) of CVS Module SEQs Paper In Context With Level of Cognition & Integration (4 SEQs)

Sr.No	Domains of Assessment	Level of integration	Cognitive domain	Question number	Percentage
1	Core concepts	Core concepts of Anatomy	C1	Q2c, Q3b, Q4b	30%
			C2	Q1b, Q2b, Q3a, Q4a	40%
2	Anatomical physiology	Horizontal integration	C2	Q1c	10%
3	Clinical concepts	Vertical integration	C3	Q1a,Q2a,	20%

Table 4: Percentage Distribution of Various Cognitive Domains for SEQ Paper

1.	Core Concepts	70%
2.	Horizontal integration	10%
3.	Vertical integration	20%

RAWALPINDI MEDICAL UNIVERSITY
DEPARTMENT OF ANATOMY
TOS Endocrinology
2nd YEAR MBBS (Batch 49)

Table 1: Table of Specification (TOS) of Endocrinology Module MCQs Paper In Context with Level of Cognition & Integration (30 MCQs)

Sr.No	Domains of Assessment	Level of integration	Cognitive domain	Question number	Percentage
1.	Core concepts	Core concepts of Anatomy Histology Embryology	C1	1,2,3,4,5,9,11,13,16,17,18	36.3%
			C2	6,7,8,10,12,14,15,19,20	29.7%
2.	Anatomical Physiology Biochemistry	Horizontal integration	C2	21,22	6.7%
3.	Clinical concepts	Vertical integration	C3	23,24,25,26	13.5%
4.	Bio-Ethics Family Med Research Artificial Intelligence	Spiral integration	C3	27,28,29,30	13.5%

Table 2: Percentage Distribution of Various Cognitive Domains for MCQ Paper

1.	Core Concepts	66%
2.	Horizontal integration	6.7 %
3.	Vertical integration	13.5 %
4.	Bio-Ethics+ Family Med+ Research+ Artificial Intelligence	13.5 %

Theory Paper Analysis

2nd Year Block 1

DEPARTMENT OF ANATOMY TOS OF GIT MODULE 2ND YEAR MBBS

Cognitive Levels of Git Module MCQs Paper

S. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1.	Core concepts of Anatomy	Horizontal integration	C1	8,9,10,13,16,19,20
			C2	1,2,3,4,6,7
2.	Anatomical physiology	Horizontal integration	C2	11
			C3	15
3.	Research	Vertical integration	C3	5,12,14,17,18
	Clinical			

Horizontal integration	70%
Vertical integration	30%

Cognitive Levels of GIT Module SEQs Paper

S. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1	Core concepts of Anatomy	Horizontal integration	C1	Q1b; Q2b,c,d;Q3b;Q4b
			C2	Q4c
2	Clinical	Vertical integration	C3	Q1a;Q2a;Q3a;Q4a

Horizontal integration	65%
Vertical integration	35%

DEPARTMENT OF ANATOMY TOS OF RENAL MODULE 2ND YEAR MBBS

Cognitive Levels of Renal Module MCQs Paper

Sr. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1.	Core concepts of Anatomy	Horizontal integration	C1	4,5,6,7,10,16,17,19,20
			C2	11,12,14
2.	Anatomical physiology	Horizontal integration	C2	13
			C3	1,2,3,8,9,15,18
3.	Research	Vertical integration	C3	1,2,3,8,9,15,18
	Clinical			
Horizontal integration			65%	
Vertical integration			35%	

Cognitive Levels of Renal Module SEQs Paper

Sr. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1	Core concepts of Anatomy	Horizontal integration	C1	Q2b; Q3b;Q4a,b
			C2	Q1b, Q2a
2	Clinical	Vertical integration	C3	Q1a;Q3a
Horizontal integration			75%	
Vertical integration			25%	

Theory Paper Analysis

2nd Year Block 2

**DEPARTMENT OF ANATOMY
TOS OF REPRODUCTION MODULE 2ND YEAR MBBS**

Cognitive Levels of Reproduction Module MCQs Paper

Sr. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1.	Core concepts of Anatomy	Horizontal integration	C1	9,11,14,15,16,18
			C2	4,5,6,12,13,17,19,20
2.	Anatomical physiology	Horizontal integration	C2	10
3.	Research	Vertical integration	C3	1,2,3,7,8
	Clinical			
Horizontal integration			75%	
Vertical integration			25%	

Cognitive Levels of Reproduction Module SEQs Paper

Sr. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1	Core concepts of Anatomy	Horizontal integration	C1	Q1a,b; Q2b;Q3a,b;Q4b
			C2	Q2a
2	Clinical	Vertical integration	C3	Q4a
Horizontal integration			85%	
Vertical integration			15%	

**RAWALPINDI MEDICAL UNIVERSITY
DEPARTMENT OF ANATOMY
TOS OF CNS MODULE 2ND YEAR MBBS**

Cognitive Levels of CNS Module MCQs Paper

Sr. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1.	Core concepts	Core concepts of Anatomy	C1	5,8,14,15,18,20
			C2	4,6,11,12,17,19
2.	Anatomical physiology	Horizontal integration	C2	10
3.	Research	Vertical integration	C3	1,2,3,7,9,13,16
	Clinical			
Core Concepts			60%	
Horizontal integration			5%	
Vertical integration			35%	

Cognitive Levels of CNS Module SEQs Paper

Sr. No	Domains of Assessment	Level of integration	Cognitive domain	Question number
1	Core concepts	Core concepts of Anatomy	C1	Q1b; Q3c,b;Q4d
			C2	Q1a;Q2a;Q3b,Q4b,c
2	Clinical	Vertical integration	C3	Q2b;Q3a;Q4a
Core Concepts			75%	
Vertical integration			25%	

Theory Paper Analysis Reports

2nd Year Block 3

**RAWALPINDI MEDICAL UNIVERSITY
DEPARTMENT OF ANATOMY
Table of Specification (TOS) of Special Senses Module 2nd Year MBBS (Batch 49)**

Table 1: Table of Specification (TOS) of Special Senses Module MCQs Paper In Context With Level of Cognition & Integration

Sr.No	Domains of Assessment	Level of integration	Cognitive domain	Question number	Percentage
1.	Core concepts	Core concepts of Anatomy	C1	Q12,13,14,16,17,20	30%
			C2	Q2,4,5,6,7,18	30%
2.	Anatomical physiology	Horizontal integration	C2	Q11	5%
3.	Clinical concepts	Vertical integration	C3	Q1,3,8,9,10,19	30%
4.	Research Year II	Longitudinal running modules	C3	Q15	5%

Table 2: Percentage Distribution of Various Cognitive Domains of MCQ Paper

1.	Core Concepts	60%
2.	Horizontal integration	5%
3.	Vertical integration	30%
4.	Research	5%

Table 3: Table of Specification (TOS) of Special Senses Module SEQs Paper In Context With Level of Cognition & Integration

Sr.No	Domains of Assessment	Level of integration	Cognitive domain	Question number	Percentage
1	Core concepts	Core concepts of Anatomy	C1	Q1b, Q2b, Q3c,d, Q4c	38%
			C2	Q1a, Q2c, Q3b, Q4a,b,d	46%
2	Anatomical physiology	Horizontal integration	C2	Q2a	8%
3	Clinical concepts	Vertical integration	C3	Q3a	8%

Table 4: Percentage Distribution of Various Cognitive Domains of SEQ Paper

1.	Core Concepts	84%
2.	Horizontal integration	8%
3.	Vertical integration	8%

**RAWALPINDI MEDICAL UNIVERSITY
DEPARTMENT OF ANATOMY
TOS Respiration Module
1st YEAR MBBS (Batch 50)**

Table 1: Table of Specification (TOS) of Respiration Module MCQs Paper In Context with Level of Cognition & Integration (30 MCQs)

Sr.No	Domains of Assessment	Level of integration	Cognitive domain	Question number	Percentage
1.	Core concepts	Core concepts of Anatomy Histology Embryology	C1	1,2,3,5,8,12,13,15,16,18,20	36.6%
			C2	4,6,7,9,10,11,14,17,19	30%
2.	Anatomical Physiology Biochemistry	Horizontal integration	C2	21, 22,23	10%
3.	Clinical concepts	Vertical integration	C3	24, 25,26	10%
4.	Bio-Ethics Family Med Research Artificial Intelligence	Spiral integration	C3	27,28,29,30	13.3%

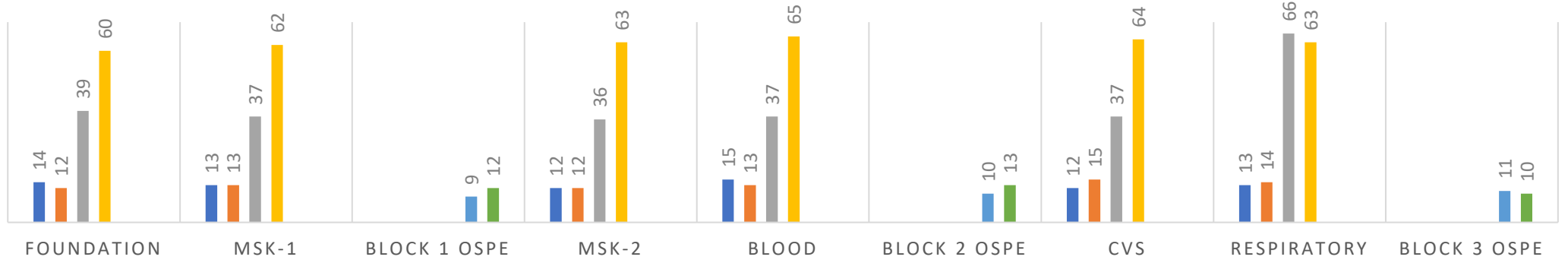
Table 2: Percentage Distribution of Various Cognitive Domains for MCQ Paper

1.	Core Concepts	66.6%
2.	Horizontal integration	10%
3.	Vertical integration	10%
4.	Bio-Ethics+ Family Med+ Research+ Artificial Intelligence	13.3%

Anatomy Assessment Scores

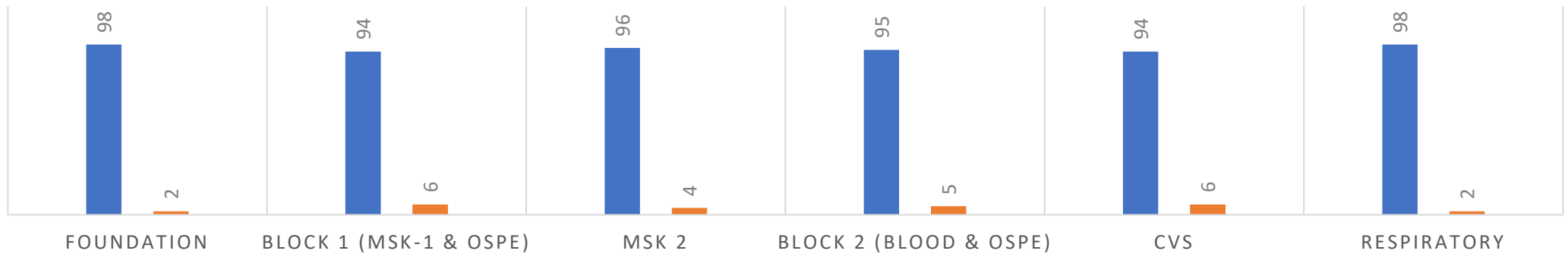
1ST YEAR MBBS AVERAGE ASSESSMENT SCORES

■ MCQ (20)
 ■ SEQ (20)
 ■ Viva (60)
 ■ Total (100)
 ■ Gross (15)
 ■ Integrated (15)



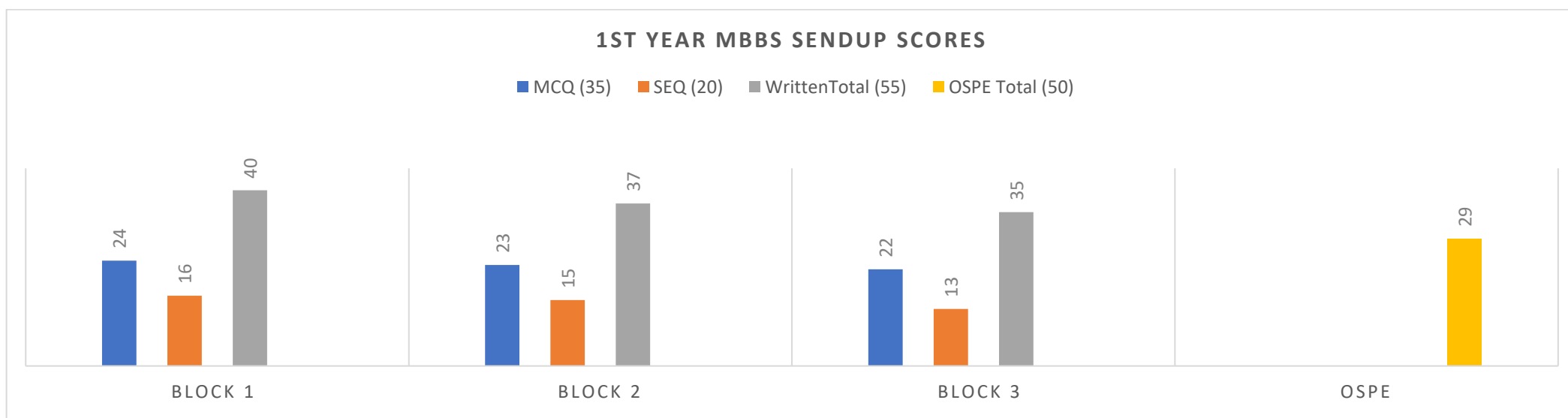
1ST YEAR MBBS PASS FAIL PERCENTAGE

■ Pass Percentage
 ■ Fail Percentage



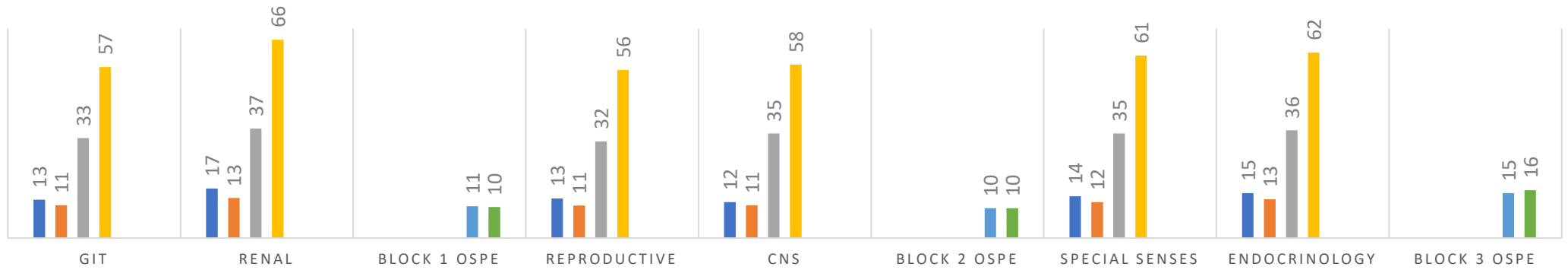
1ST YEAR MBBS SENDUP SCORES

■ MCQ (35) ■ SEQ (20) ■ WrittenTotal (55) ■ OSPE Total (50)



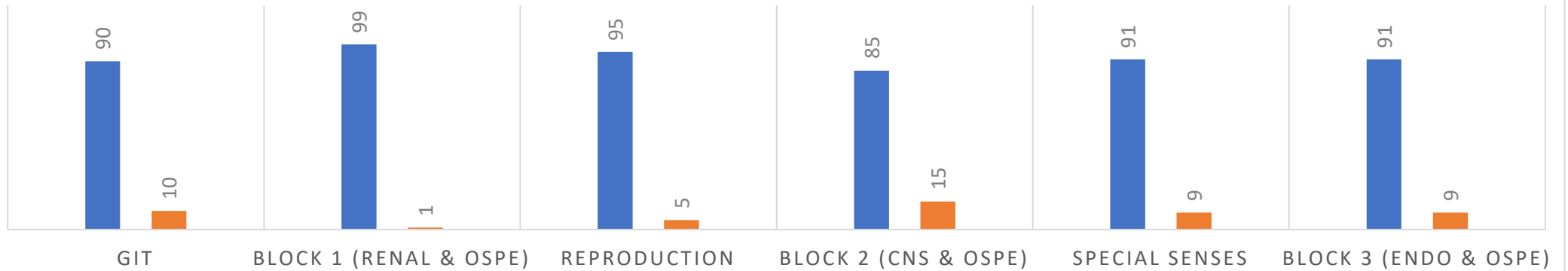
2ND YEAR MBBS AVERAGE ASSESSMENT SCORES

■ MCQ (20) ■ SEQ (20) ■ Viva (60) ■ Total (100) ■ Gross (15) ■ Integrated (15)



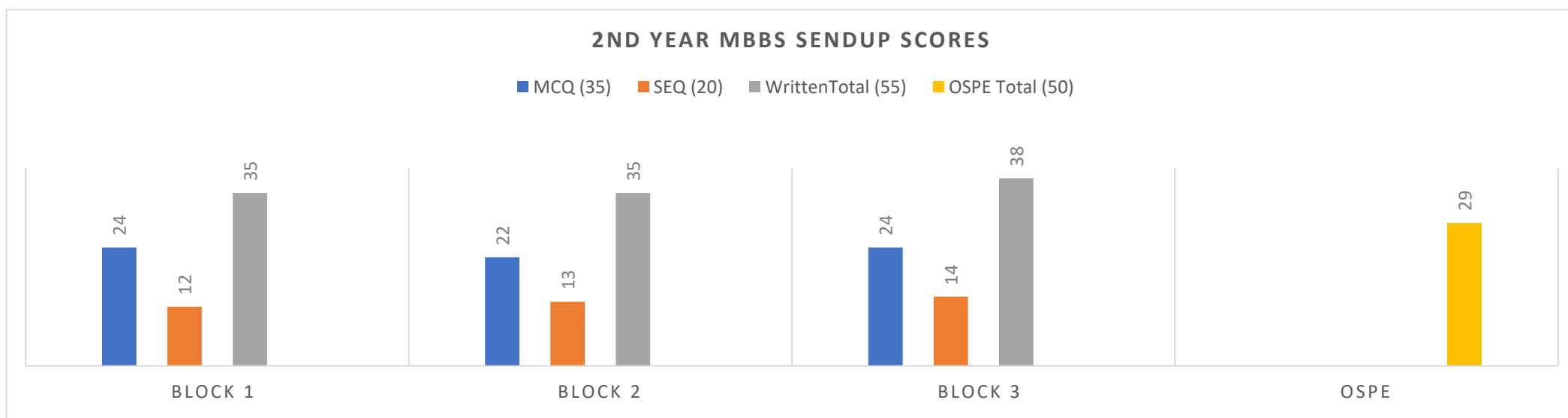
2ND YEAR MBBS PASS FAIL PERCENTAGE

■ Pass Percentage ■ Fail Percentage



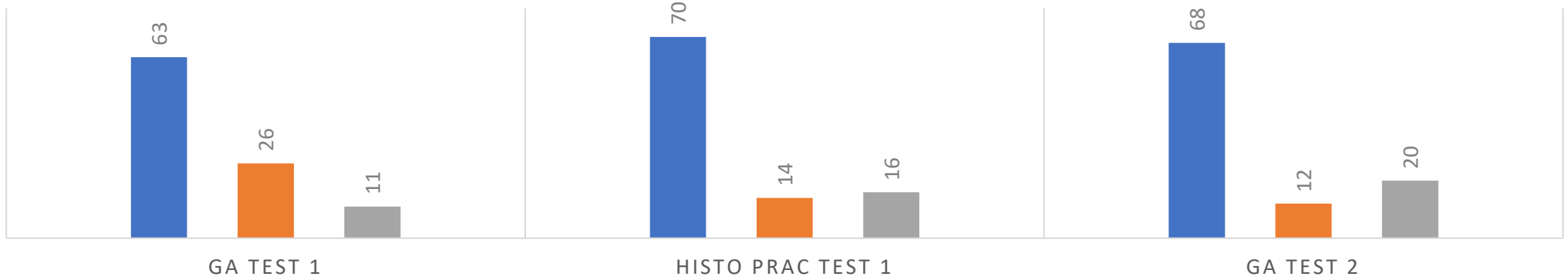
2ND YEAR MBBS SENDUP SCORES

■ MCQ (35) ■ SEQ (20) ■ WrittenTotal (55) ■ OSPE Total (50)



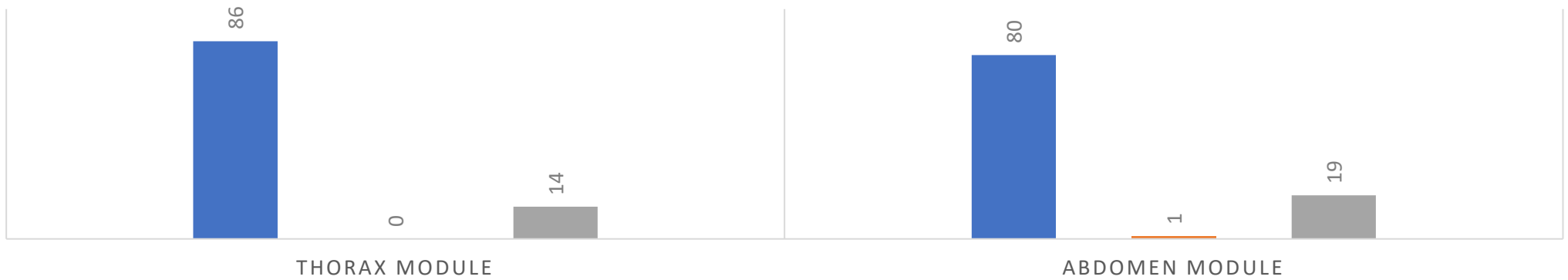
ALLIED HEALTH SCIENCES 1ST YEAR PASS FAIL PERCENTAGE

■ Pass Percentage ■ Fail Percentage ■ Absent Percentage



ALLIED HEALTH SCIENCES 2ND YEAR PASS FAIL PERCENTAGE

■ Pass Percentage ■ Fail Percentage ■ Absent Percentage





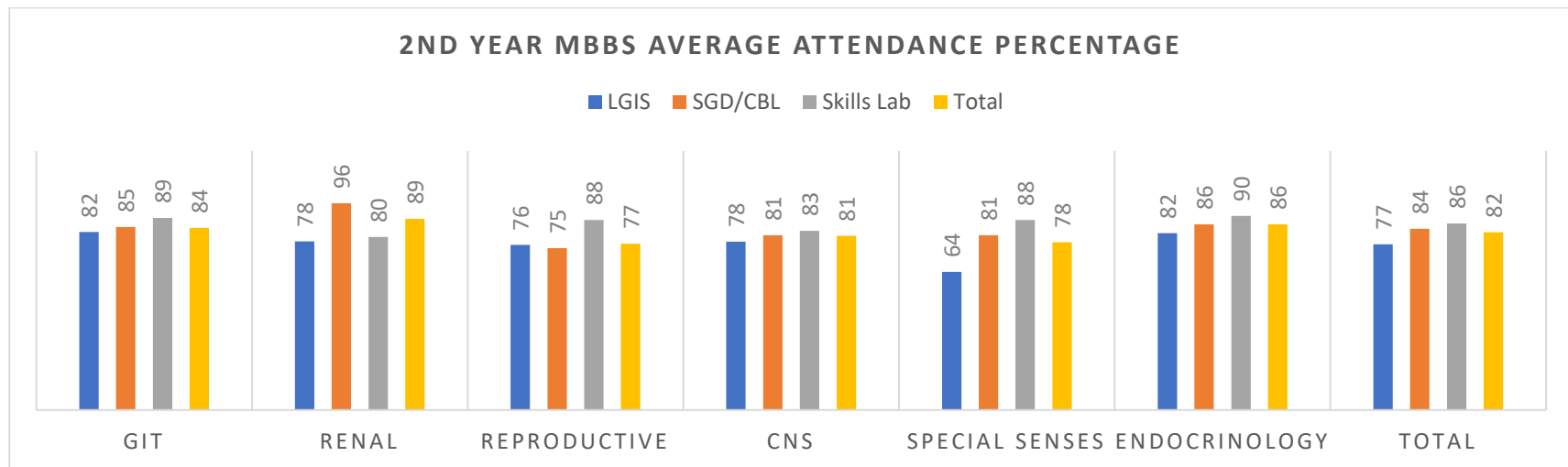
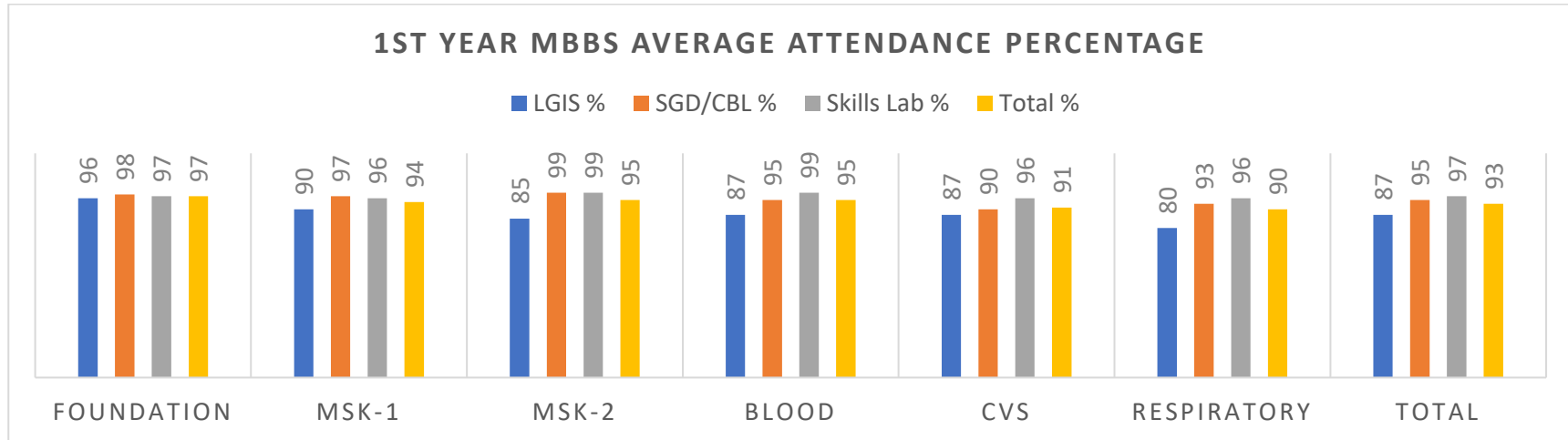
Evaluation Meetings



Student Counselling

Evaluations

Student Attendance



Student Counseling

ANATOMY DEPARTMENT RAWALPINDI MEDICAL UNIVERSITY RAWALPINDI
LIST OF FAILED STUDENTS IN FOUNDATION MODULE 2023
 1st Year MBBS (Batch-49)

Sr. #	Roll No.	Student's Name	Module Result					Feed back
			Theory			Viva Voce	Grand Total	
			MCQS	SEQs	Total			
20	20	40	60	100				
1	56	Azbah Naveed	7	8	15	32	47	Cannot revise
2	171	Kushbakhat Noor	12	11	23	20	43	Got confused in viva
3	269	Syeda Wafa Ali	10	6	16	30	46	Feeling sick
4	352	salwa	7	1	8	32	40	Don't shown up
5	Provisionally	Miss Sarah Salih	9	2	11	33	44	Don't shown up
6	334	Mr. Muhammad Umar Farooq	0	0	0	0	0	Has some psychiatric issue
7	Provisionally	Miss Noreen	0	0	0	0	0	Fall from stairs

ANATOMY DEPARTMENT RAWALPINDI MEDICAL UNIVERSITY RAWALPINDI
LIST OF FAILURE STUDENTS IN GIT MODULE 2023
 2nd Year MBBS (Batch-49)

Sr. #	Roll No.	Student's Name	Module Result					Feed back
			Theory			Viva Voce	Grand Total	
			MCQS	SEQs	Total			
20	20	40	60	100				
1	26	AQSA EMAN SHAHZAD	12	8	20	0	20	Migraine on Viva day
2	32	AREESHA FATIMA	9	10	19	36	55	Didn't prepare theory well
3	46	AYESHA ZAFAR	0	0	0	36	36	Sister's wedding
4	63	FATIMA AAMIR	9	9	18	37	55	did not prepare written properly
5	64	FATIMA CHOUHADRY	7	11	18	36	54	less preparation in theory
6	67	FATIMA TUL ZAHRA	8	6	14	39	53	Rheumatic carditis
7	98	LAIBA HAQ	9	10	19	50	69	Migraine on Viva day
8	122	ABDUL RAFAH	8	8	16	21	37	Due to fever couldn't prepare
9	124	ABDUL REHMAN	8	10	18	38	56	didn't revise for written properly
10	126	ABDUL WAHAB	12	12	24	0	24	cousin's wedding function
11	132	ABDULLAH SALMAN	16	13	29	0	29	did not show up
12	142	AIZAZ UR REHMAN	12	8	20	0	20	Couldn't prepare due to domestic commitment
13	144	AREEB ZIA	7	7	14	36	50	Less preparation went to village
14	154	FAIZ UL HASSAN	12	7	19	0	19	Emergency at home on viva day

Deficient Human Resource

Focus on Research

Faculty Development

3D Anatomage Table

Crosssectional and Radiological
Anatomy

