



Annual Audit Report 2023-2024

Department of Anatomy

Rawalpindi Medical University

Compiled By

✓ **Dr. Arsalan Manzoor**

Associate Professor of Anatomy

✓ **Dr. Syeda Sara Bano**

Assistant Professor of Anatomy

Rawalpindi Medical University

Prepared By

Prof. Dr. Ayesha Yousaf

Chair Person of Anatomy

Dean Basic Health Sciences

Rawalpindi Medical University

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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

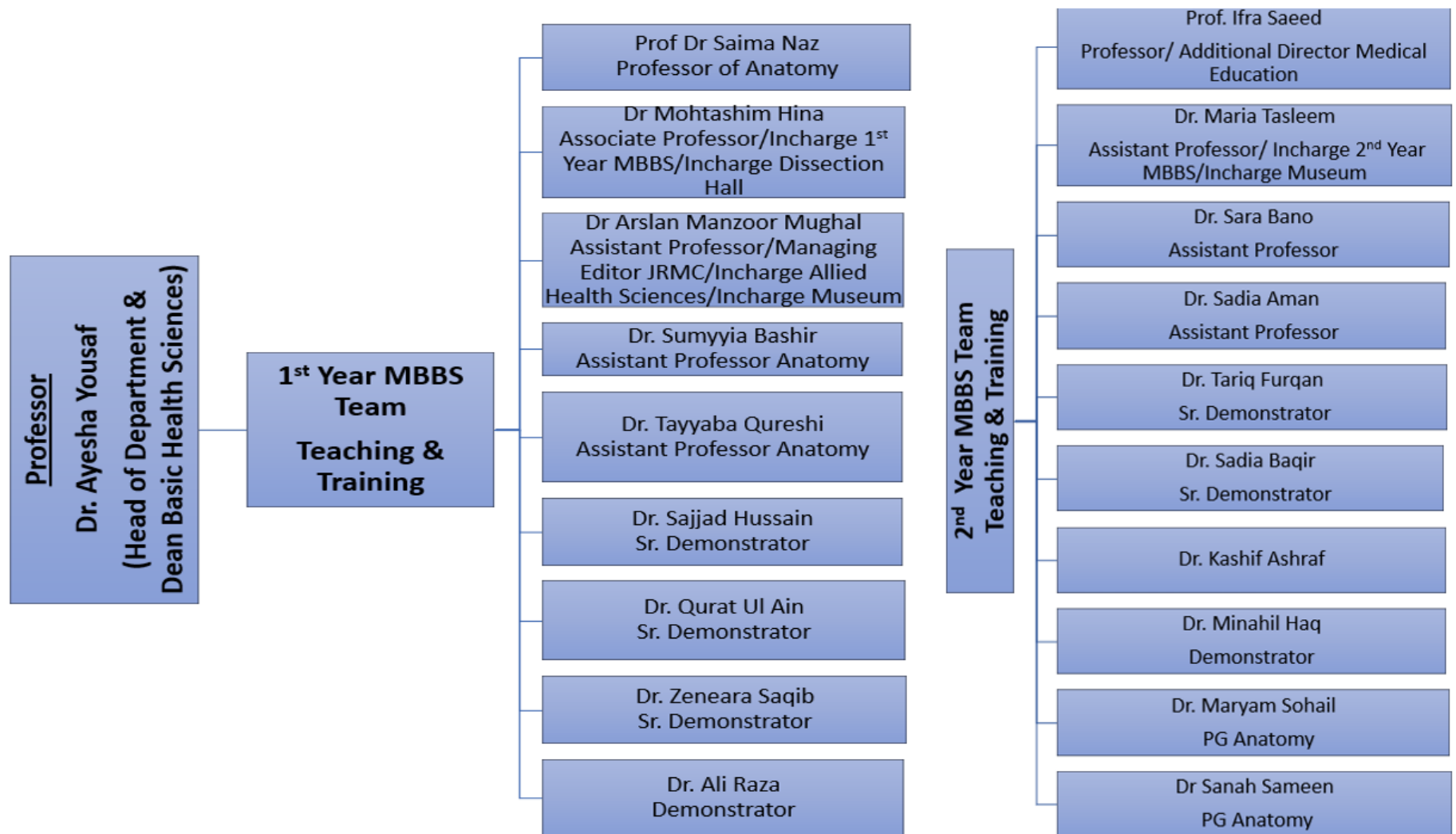
To provide high quality anatomy education to all students, in line with modern practices and ethical guidelines.

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



Human Resource of the Department

Senior Faculty

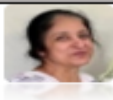
S No	Picture	Name	Designation PMDC NO.
1.		Dr. Ayesha Yousaf	Professor/ HOD Dean Basic Sciences 32049-P
2.		Dr. Ifra Saeed	Professor Additional Director DME 23561-p
3.		Prof. Dr. Saima Naz	Professor of Anatomy 31919-P
4.		Dr. Mothashim Hina	Associate Professor 56959-P
5.		Dr. Arsalan Manzoor Mughal	Assistant Professor Managing Editor JPMC Co-Director CHPE & MHPE 49901-P

S No	Picture	Name	Designation PMDC NO.
6.		Dr. Maria Tasleem	Assistant Professor 51363-S
7.		Dr. Sumyia Bashir	Assistant Professor 65798-P
8.		Dr. Sadia Aman	Assistant Professor 63177-P
9.		Dr. Syeda Sara Bano	Assistant Professor 54182-P
10.		Dr. Tayyaba Qureshi	Assistant Professor 64813-P

Demonstrators

S No	Picture	Name	Designation
1		Dr Ali Raza	Demonstrator
2		Dr Minahil Haq	Demonstrator
3		Dr. Maryam Sohail	MPhil PG Trainee
4		Dr. Sanah Sameen	MPhil PG Trainee

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. Sajid	Sr.

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

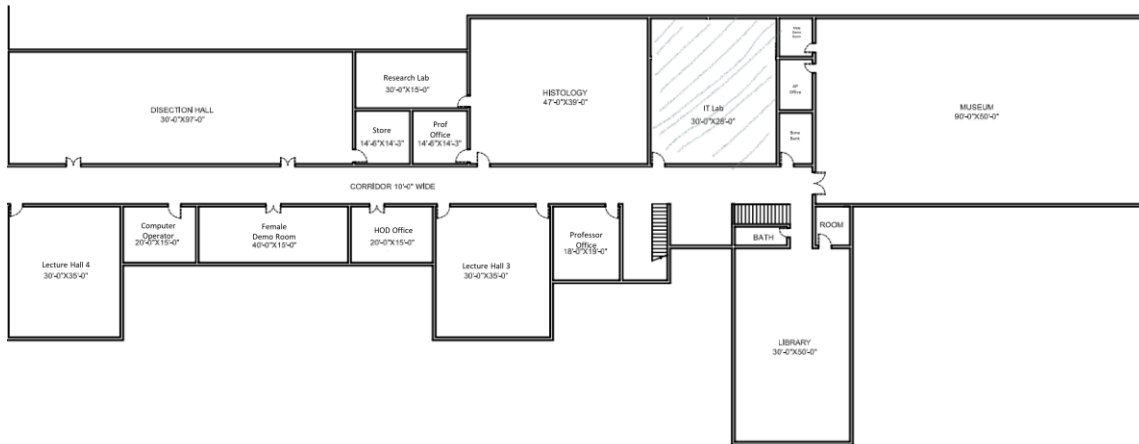
- Two State of the art lecture halls with 350 capacity each
- Two Departmental lecture halls with 200 capacity each

Laboratory

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

Bone bank

Departmental Map



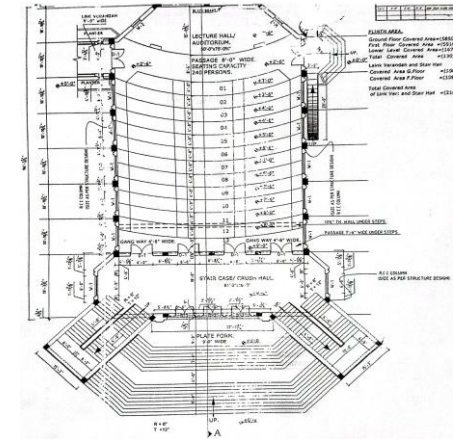
Anatomy Museum with 50 seating capacity

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. Yousaf A. A Comprehensive Study of Sternal Foramen in a Pakistani Cohort: Prevalence and Morphometric Analysis
2. Mitigating Hallucinations using Ensemble of Knowledge Graph and Vector Store in Large Language Models to Enhance Mental Health Support By Dr Ayesha Yousaf
3. Comparison of severity of COVID-19 symptoms in vaccinated versus unvaccinated people; a retrospective cross-sectional study” by Prof Ayesha Yousaf
4. “Impact of Personality Traits on Educational Performance and Choice of Specialty in Undergraduate Medical Students” By Dr Arsalan Manzoor Mughal
5. “Are our medical educators stressed? A cross sectional study in a public sector Pakistani Medical University” by Dr Arsalan Manzoor Mughal
6. “Neurophobia among medical students of Rawalpindi Medical University” by Dr Arsalan Manzoor Mughal
7. “Undergraduate Readiness for Research at Rawalpindi Medical University in Pre-Clinical Years” by Dr Arsalan Manzoor Mughal
8. A Comprehensive Study of Sternal Foramen in a Pakistani Cohort: Prevalence and Morphometric Analysis by Dr Maria Tasleem
9. “Assessing Medical Students’ knowledge and perception about Health Research: Effectiveness of Research Curriculum in Rawalpindi Medical University” by Dr Gaiti Ara
10. “Risk factors associated with hepatocellular carcinoma in patients of RMU Allied Hospitals Oncology Department” by Dr Sadia Baqir
11. “Prevalence of primary Dysmenorrhea with its associated complaints and management strategies among students of RMU” by Dr Maryam Sohail
12. “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
13. “Exploring the relation between Selfesteem and GPA in medical undergraduate in Rawalpindi Medical University” by Dr Sajjad Hussain
14. “Assessment of attitude and vaccination status of pre-clinical students of Rawalpindi Medical University towards hepatitis B vaccination” by Dr Zaneera Saqib
15. “Awareness on menstrual hygiene among 1st and 2nd year RMU girls” by Dr Quarrat Ul Ain
16. “Knowledge regarding attitude and safe injection practices among medical students” by Dr Urooj Shah
17. “The power of physical activity in nurturing the Mental Health of Pakistani medical student- A narrative review” by Dr Ali Raza
18. “Comparison of Factors causing Emotional and Physical Distress among Hostelities and Day Scholars of Rawalpindi Medical University (RMU)” by Dr Ali Raza

Faculty Publications

1. Challenges And Strength: A Scoping Review On Online Assessment Practices In Healthcare Professions(JRMC) 2024,28(1),440-446 ,Dr Ayesha Yousaf
2. Adaptive Learning Algorithms for Low Dose Optimization in Coronary Arteries Angiography: A Comprehensive Review(JRMC) 2024,28(2),440-451 ,Dr Ayesha Yousaf
3. Comparison Of Glucagon Like Peptide/1 Levels In Diabetic Women With Ovarian Polycystic Syndrome And Healthy Women (JRMC) 2024,28(3),517-520 ,Dr Ayesha Yousaf
4. Implications Of Ingesting Soft Drink And Energy Drink On Hepatic Microcirculation Of Albino Rat (JRMC) 2024,28(3),522-527 ,Dr Ayesha Yousaf
5. Knowledge, Attitude and Preventive Practices Regarding Diabetes Mellitus among Second Year MBBS Students At Rawalpindi Medical University-- A Cross-sectional Study By Dr Maria
6. Students' Perception of the Learning Environment of RMU using the DREEM Inventory By Dr Maria
7. Self-Medication Phenomenon: A Detailed Cross-Sectional Survey on Public Awareness and Behaviors By Dr Maria
8. Prevalence of Study Styles of Second Year MBBS Students at Rawalpindi Medical University Using "VARK Inventory" By Dr Maria
9. Maternal Hypothyroidism -induced Impaired development of Neurons in Rat Offspring: Insights for Antenatal Care By Dr Tayyaba.
10. Synergistic effect of Coenzyme Q10 and L-Carnitine on Gliosis and Anhedonia, in a rat model of Multiple Sclerosis; An Immunohistochemical study By Dr Tayyaba.
11. Anti-Arthritic Effects of Moringa Oleifera and Vitamin D on Articular Cartilage; A Comparative Study By Dr Tayyaba.
12. Synergistic Effects of Coenzyme Q10 & L-Carnitine on Oligodendrocyte Necrosis and Myelination in a Rat Model of Multiple Sclerosis By Dr Tayyaba.
13. Anti-Inflammatory Effect of Moringa Oleifera and Vitamin D On Articular Cartilage Degradation In Arthritic Rat Model: A Comparative Study By Dr Tayyaba.

Faculty Development Courses & Workshops

1. “World Anatomy Day “conducted by Prof Ayesha Yousuf on 28-10-2024 in Anatomy Department
2. Workshop on “Essential Digital Tool for Faculty of Basic Sciences (office software, Online software)” conducted by Dr Arsalan Manzoor Mughal on 05-12-2024 at Anatomy Lecture Hall 3.
3. Poster Presentations by Senior faculty of Anatomy in 7th Annual Scientific Conference, held on 19 to 21-12-2024

WORKSHOP
Essential Digital Tools for Faculty of Basic Sciences
OFFICE SOFTWARES (WORD, EXCEL, POWERPOINT)
ONLINE SOFTWARES (GOOGLE FORMS, LMS)
Thursday, December, 5th 2024 9:00AM-12:00PM
Anatomy Lecture Hall 3, Department of Anatomy,
Main Campus Rawalpindi Medical University

Dr. Arsalan Manzoor Mughal
Facilitator
Associate Professor of Anatomy
Co-Director MHPE
Rawalpindi Medical University

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

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

Prof. Jahangir Sarwar Khan
Principal
Rawalpindi Medical College

For Registrations
Dr Maria Tasleem
Assistant Professor of Anatomy
Rawalpindi Medical University
Phone: 03248895502
Email: marriahnouman@gmail.com
Registration: Free
Limited seats available

Instructions for Participants
Each participant must bring their laptop with Microsoft Office preinstalled and have their own internet with Gmail and LMS accounts

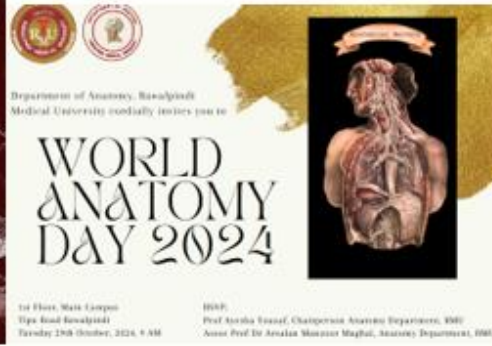
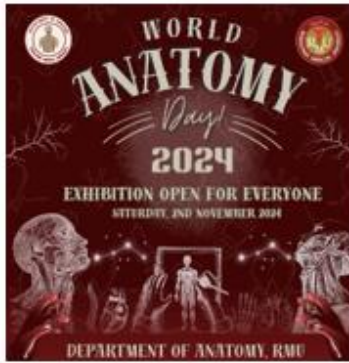


Rawalpindi Medical University Celebrated World Anatomy Day in Style

The Anatomy Department at Rawalpindi Medical University (RMU) proudly observed World Anatomy Day, marking a significant milestone as the university's inaugural celebration under the visionary leadership of **Vice Chancellor Prof.Dr Muhammad Umar** and **Head Of Anatomy Department ,Prof.Dr.Ayesha Yousaf** who worked tirelessly to make this event a resounding success. The event was followed by an impressive display of artistic talent through the "**AnARTomy**" theme, where students showcased stunning paintings and sketches and models. Additionally, students created informative posters integrating pathology with gross. The event culminated in an awards ceremony, where winners received certificates and prizes. The Best Students of the Year awards for both first and second years were also announced. The Best Anatomy Teacher award was given to *Dr Gaiti Ara* . Chief Guest Prof.Dr.Rehana Rana graciously attended the event despite her busy schedule. The presence of Respected Principal Prof. Dr. Jahangir Sarwar Khan, Prof. Dr. Ifrah Saeed, and our distinguished faculty members, including Prof. Dr. Nusrat Zareen, Prof. Dr. Zarmina Saga, Prof. Dr. Sadia Muzaffar, Prof. Dr. Farheen Masood, Prof. Dr. Ayesha Rafi, Prof. Dr. Atika Khursheed, Prof. Dr. Shadab Ahmad Butt, Prof. Dr. Saffiya Ilyas, Prof. Dr. Irum Iqbal, Prof. Dr. Rahima Sarfaraz, Prof. Dr. Sadia Rasheed, Prof. Dr. Tehzeeb, Prof. Dr. Sarwar Zia, and Prof. Dr. Khadija Qamar graced the World Anatomy Day celebrations.

NOTE OF ACKNOWLEDGEMENT TO HEAD OF DEPARTMENT BY VICE CHANCELLOR

Rome is not built in one Day . Basic Medical Sciences Development has always been slow as compare to Clinical Sciences . Same was case with Anatomy Department in RmU . Prof Ayesha prove to be different HOD not only improving Academic Aspect of Anatomy but brought Inovation & development in the department. Finally made this Best Department of Punjab . This was highly witnessed & appreciated by Anatomy Academia of Twin City on World Anatomy in RMU . Congratulations prof Ayesha , Team of Anatomy & Students & keep it up. Prof umar VC



Program Details

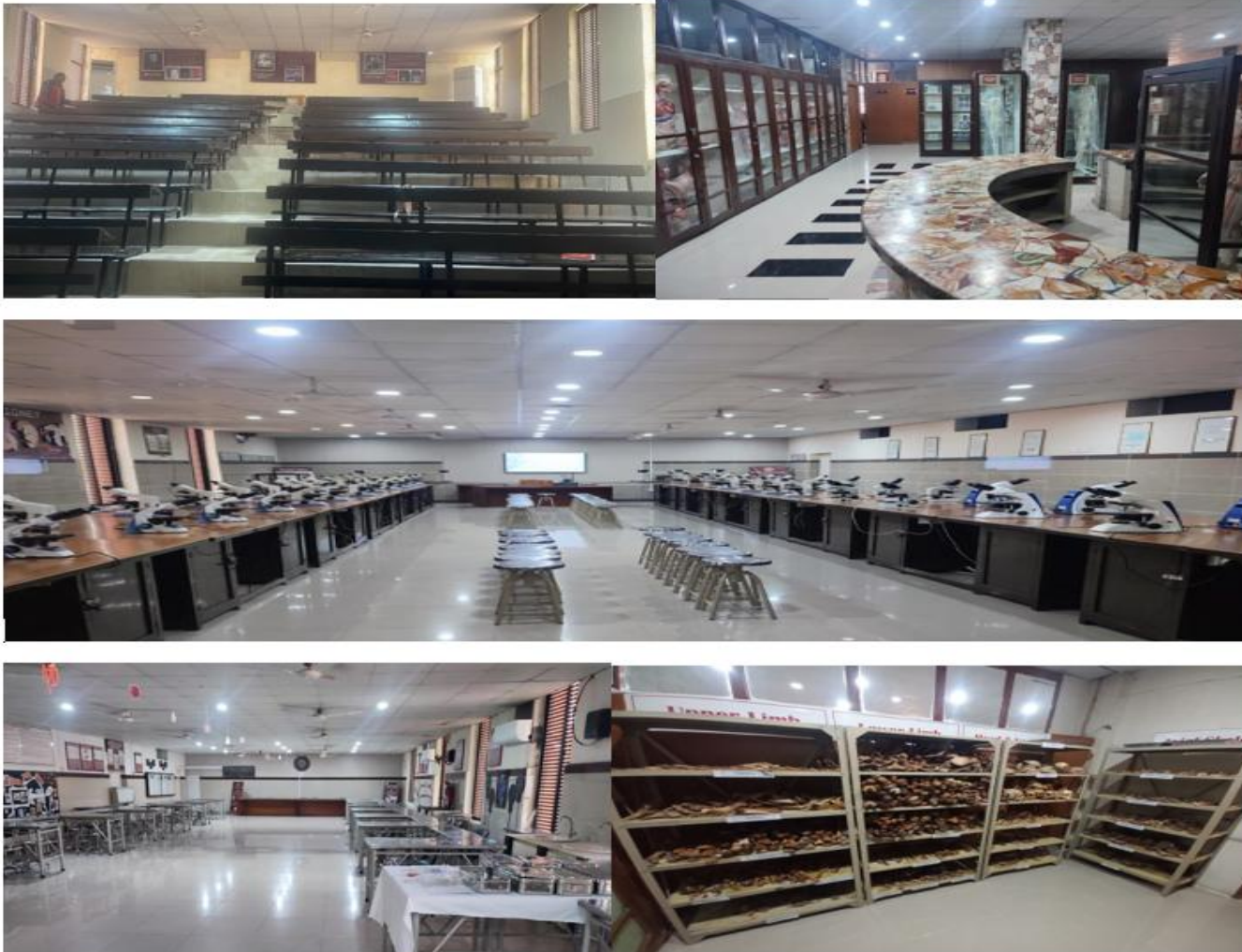
Arrival of Vice Chancellor & Chief Guest.....	9:00 am
Event Inauguration.....	9:05 am
Venue: Department of Anatomy, 1st Floor, Main Campus	
Visit of Sketches & Models.....	9:10 am
Venue: Dissection Hall	
Presentations.....	10:00 am
Venue: Lecture Hall 4	
Remarks by Vice Chancellor & Chief Guest.....	10:30 am
Venue: Lecture Hall 4	
Concluding Ceremony.....	10:45 am
Venue: Lecture Hall 4	
Tea and Refreshments.....	11:00 am
Venue: Histology Laboratory	







Remodeling of Department



Teaching & Training

Disciplines

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

PhD Program

MPhil Program

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

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-51)

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	13-02-2024
			Odd	
2.	Introduction to Human Development	Prof. Dr. Ayesha Yousaf	Even	15-02-2024
			Odd	16-02-2024
3.	Introduction to General Anatomy	Assoc.Prof Dr Arslan	Even	15-02-2024
			Odd	16-02-2024
4.	Gametogenesis /Spermatogenesis	Prof. Dr. Saima	Even	27-02-2024
			Odd	28-02-2024
5.	Types of Epithelium	Assoc Prof Dr Arsalan	Even	27-2-2024
			Odd	28-02-2024
6.	Gametogenesis/Oogenesis	Prof. Dr. Ayesha Yousaf	Even	01-03-2024

			Odd	02-03-2024
7.	Specialization of Apical cell surface	Assoc. Prof Dr Mohtasham	Even	01-03-2024
			Odd	02-03-2024
8.	Intercellular junctions and adhesions	Assoc.Prof Dr Arsalan	Even	04-03-2024
			Odd	05-03-2024
9.	Female Reproductive cycles	Prof. Dr. Ayesha Yousaf	Even	4-03-2024
			Odd	05-03-2024
10.	Fertilization	Prof. Dr. Ayesha Yousaf	Even	8-03-2024
			Odd	11-03-2024
11.	Histology of Glands	Assoc Prof Dr Mohtasham	Even	08-03-2024
			Odd	13-03-2023
12.	Histology & development of Mammary Gland	DR Mohtasham	Even	16.3.2024
		DR Mohtasham	Odd	14.3.2024
13.	Cleavage and Formation Of Blastocyst	Prof Ayesha Yousaf	Even	14.3.2024
			Odd	16.3.2024

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. Kashif	19.02-2024
		D	Dr. Mohtasham Hina		20-02-2024
		E			21-02-2024
		B			22-02-2024
		A			24-02-2024
2.	Simple Epithelium	C	Prof Dr. Ayesha Yousaf	Dr. Kashif	26-02-2024
		D	Dr. Mohtasham Hina		27-02-2024
		E			28-02-2024
		B			29-02-2024
		A			02.03-2024
3.	Stratified epithelium & transitional epithelium	C	Prof Dr. Ayesha Yousaf	Dr. Kashif	04-03-2024
		D	Dr. Mohtasham Hina		05-03-2024
		E			06-03-2024
		B			07-03-2024
		A			9-03-2024
4.	Mammary Gland	C	Prof Dr. Ayesha Yousaf	Dr. Kashif	11-03-2024
		D	Dr. Mohtasham Hina		12-03-2024
		E			13-03-2024
		B			14-03-2024
		A			16-03-2024

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. Zeneara Saqib	14-02-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
2.	Anatomicomedical terminologies II (Anatomical terms and axis of movements)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	15-02-2024
			B	Dr Qurat	17-02-2024
			C	Dr Sajjad	
			D	Dr. Ali Raza	

3.	Anatomicomedical terminologies III (Cell and tissues)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	19-02-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
4.	Anatomicomedical terminologies IV (Skin and body systems)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	20-02-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
5.	Clavicle	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	21-02-2023
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
6.	Scapula	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	22-02-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
7.	Humerus	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	24-02-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
8.	Anterior axioappendicular muscles	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	26-02-2024 02-
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
9.	Posterior axioappendicular muscles	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	27-02-2024 02-
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
10.	Dissection / Spotting	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	2-03-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
11.	Axilla	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	06-03-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
12..	Brachial plexus	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	09-03-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
13.	Breast	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	12-03-2024 16-03-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
16.	Dissection/spotting	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneara Saqib	13-02-2024
			B	Dr Qurat	
			C	Dr Sajjad	

			D	Dr. Ali Raza	
17.	Sternoclavicular and acromioclavicular joints	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	14-02-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	Dr. Ali Raza	
18.	Radiograph/Surface anatomy of axioappendicular region	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zeneera Saqib	16-03-2024
			B	Dr Qurat	
			C	Dr Sajjad	
			D	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.	General Anatomy Bone -1(General Features)	Assoc Prof. Dr. Arsalan	Even	15-04-2024
			Odd	17-04-2024
2.	Connective tissue - I I	Assoc Prof Dr. Mohtasham	Even	15-04-2024
			Odd	16-04-2024
3.	3 rd Week Of Development(Gastrulation)	Prof Dr. Ayesha	Even	16-04-2024
			Odd	17-04-2024
4.	General Anatomy Bone-II (Classification & Blood Supply)	Assoc Prof Dr.Arsalan	Even	18-04-2024
			Odd	19-04-2024
5.	Notochord formation & Differentiation of Somites (3 rd week)	Prof. Dr. Ayesha	Even	18-04-2024
			Odd	19-04-2024
6.	Connective Tissue-III(Types Of CT)	Assoc Prof Dr. Mohtasham	Even	20-04-2024
			Odd	22-04-2024
7.	3 rd Week Neurulation	Prof. Dr. Ayesha	Even	20-04-2024
			Odd	22-04-2024
8.	Early development of CVS & Highlights of 4 th -8 th week	Prof. Dr. Ayesha	Even	23-04-2024
			Odd	24-04-2024
9.	Cartilage	Assoc Prof Dr Mohtasham	Even	23-04-2024
			Odd	24-04-2024
10.	Bone I(Cells &Types)	Prof Ifra Saeed/Assoc Prof Dr Mohtasham	Even	25-04-2024
			Odd	26-04-2024
11.	Folding Of Embryo	Prof. Dr. Ayesha	Even	25-04-2024

			Odd	26-04-2024
12.	Fetal period	Prof. Dr. Ayesha	Even	27-04-2024
			Odd	06-05-2024
13.	Bone II Ossification	Assoc Prof Dr. Mohtasham	Even	27-04-2024
			Odd	06-05-2024
14.	Placenta	Prof. Dr. Ayesha	Even	07-05-2024
			Odd	08-05-2024
15.	General Anatomy Joints I(Types)	Assoc Prof Dr.Arsalan	Even	07-04-2024
			Odd	08-04-2024
16.	Fetal membranes & multiple pregnancy	Prof. Dr. Ayesha	Even	11-05-2024
			Odd	13-05-2024
17.	General Anatomy Joints II	Assoc Prof Dr.Arsalan	Even	11-05-2024
			Odd	13-05-2024
18.	Teratogenesis	Assoc Prof Dr.Arsalan	Even	14-05-2024
		Prof. Dr. Ayesha	Odd	14-05-2024

Practical/ Skill Sessions

Sr. No.	Topic	Batch	Supervised By	Teacher	Date
1.	Connective Tissue I	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	1-04-2024
		D			3.04.2024
		E			15-04-2024
		B			16-04-2024
		A			17-04-2024
2.	Connective Tissue II	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	18-04-2024
		D			20-04-2024
		E			22-04-2024
		B			23-04-2024
		A			24-04-2024
3.	Cartilage	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	25-04-2024
		D			27-04-2024
		E			6-05-2024
		B			07-05-2024
		A			08-05-2024
4.	Bone	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	09-05-2024
		D			11-05-2024
		E			13-05-2024
		B			14-05-2024
		A			15-05-2024

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. Ali Raza	11-05-2024
			B	Dr Zaneara	
			C	Dr. Kashif	
			D	Dr. Sajjad	
2	Flexor compartment & Neurovascular organization of arm	Prof Dr. Ayesha Yousaf	A	Dr. Ali Raza	02-04-2024
			B	Dr Zaneara	

		Dr. Mohtasham Hina	C	Dr. Kashif	
				Dr. Sajjad	
3	Extensor compartment & Neurovascular organization of arm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	03-04-2024
4	DISSECTION & SPOTTING	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	15-04-2024
5	Bones of forearm Ulna & Radius	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	17-04-2024
6	Flexor compartment of forearm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	18-04-2024
7	Extensor compartment of forearm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	19-04-2024
8	Neurovascular organization of forearm	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	20-04-2024
9	Elbow joint & Anastomosis around elbow joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	22-04-2024
10	Proximal & Distal Radioulnar joints	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	23-04-2024
11	Dissection/Spotting	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	24-04-2024
12	Bones Of Hand	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	27-04-2024
13	Wrist Joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	06-05-2024
14	Dorsum Of Hand/Flexor &Extensor Retinaculum	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Ali Raza Dr Zaneera Dr. Kashif Dr. Sajjad	07-05-2024
15	Dissection /Spotting	Prof Dr. Ayesha Yousaf	A B	Dr. Ali Raza Dr Zaneera	08-05-2024

		Dr. Mohtasham Hina	C	Dr. Kashif	
			D	Dr. Sajjad	
16	Cross Sectional Anatomy	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Ali Raza	09-05-2024
			B	Dr Zaneera	
			C	Dr. Kashif	
			D	Dr. Sajjad	
17	Palm Of Hand & Facial spaces	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Ali Raza	11-05-2024
			B	Dr Zaneera	
			C	Dr. Kashif	
			D	Dr. Sajjad	
18	Neurovascular Organization Of Hand	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Ali Raza	13-05-2024
			B	Dr Zaneera	
			C	Dr. Kashif	
			D	Dr. Sajjad	
19	Cutaneous Innervation & Dermatomes Of Upperlimb	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Ali Raza	14-05-2024
			B	Dr Zaneera	
			C	Dr. Kashif	
			D	Dr. Sajjad	
20	Dissection & Spotting	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Ali Raza	15-05-2024
			B	Dr Zaneera	
			C	Dr. Kashif	
			D	Dr. Sajjad	
21	Palm Of Hand & Facial spaces		A	Dr. Ali Raza	16-05-2024

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	28-05-2024
			Odd	29-05-2024
2.	General Histology Muscle I	Dr Mohtasham	Even	28-05-2024
			Odd	29-05-2024
3.	General Anatomy Muscle II	Dr Arsalan	Even	31-05-2024
			Odd	4-06-2024
4.	General Histology Muscle II	Dr Mohtasham	Even	31-05-2024
			Odd	04-06-2024
5.	Development of Axial Skeleton	Prof. Dr Ayesha	Even	03-06-2024
			Odd	06-06-2024
6.	Histology of Skin	Dr Mohtasham	Even	03-06-2024
			Odd	07-06-2024
7.	Histology of Skin appendages	Dr Mohtasham	Even	08-06-2024
			Odd	09-06-2024
8.	Development of limbs	Prof. Dr Ayesha	Even	08-06-2024
			Odd	09-06-2024
9.	Development of Muscles	Prof. Dr Ayesha	Even	10-06-2024
			Odd	12-06-2024
10.	General Anatomy of Skin	Dr Arsalan	Even	10-06-2024
			Odd	12-06-2024

Practical/ Skill Sessions

Sr. No.	Topic	Batch	Supervised By	Teacher	Date
1.	Skeletal Muscle	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	27-06-2024
		D			28-06-2024
		E			29-06-2024
		B			30-06-2024
		A			01-06-2024
2.	Smooth and cardiac Muscles	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	03-06-2024
		D			04-06-2024
		E			05-06-2024
		B			06-06-2024
		A			08-06-2024
3.	Thick skin	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	10-06-2024
		D			11-06-2024
		E			12-06-2024
		B			14-06-2024
		A			15-06-2024
4.	Thin skin	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	22-07-2024
		D			
		E			23-07-2024
		B			24-07-2024
		A			25-07-2024

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 Sajjad	29-05-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
2	Hip bone	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	30-05-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
3	Femur / Patella	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	31-05-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
4	Femur	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	01-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
5	Anterolateral compartment of thigh (muscles and Neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	03-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	

			D	Dr Qurat ul Ain	
6	Dissection	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	04-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
7	Medial Compartment of thigh	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	05-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
8	Dissection	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	06-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
9	Gluteal Region (muscles)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	07-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
10	Gluteal Region (Neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	08-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
11	Dissection	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	10-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
12	Posterior compartment of thigh (muscles)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	11-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
13	Posterior compartment of thigh (Neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	12-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
14	Tibia	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	14-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
15	Hip joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	15-06-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
16	Fibula	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	22-07-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
17	Popliteal Fossae	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	23-07-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	
			D	Dr Qurat ul Ain	
18	Knee joint	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr Sajjad	24-07-2024
			B	Dr Ali Raza	
			C	Dr Zeneera	

			D	Dr Qurat ul Ain	
19	Anterior compartment of leg (muscles and neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Sajjad Dr Ali Raza Dr Zeneera Dr Qurat ul Ain	25-07-2024
20	Lateral compartment of leg (muscles and neurovascular organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Sajjad Dr Ali Raza Dr Zeneera Dr Qurat ul Ain	26-07-2024
21	Surface Anatomy / Radiology	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr Sajjad Dr Ali Raza Dr Zeneera Dr Qurat ul Ain	27-07-2024

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	03-08-2024
			Odd	12-08-2024
2.	Development and Histology of Lymph Node	Dr. Mohtasham	Even	12-08-2024
			Odd	03-08-2024
3.	Histology and Development of Spleen	Prof. Dr. Ayesha	Even	22-08-2024
			Odd	24-08-2024
4.	Histology of Thymus and Tonsils	Dr. Mohtasham	Even	24-08-2024
			Odd	22-08-2024

Practical/ Skill Sessions

Sr. No.	Topic	Batch	SupervisedBy	Teacher	Date
1.	Lymph node	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	29-07-2024
		D			30-07-2024
		E			31-07-2024
		B			01-08-2024
		A			03-08-2024
2.	Spleen	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	12-08-2024
		D			13-08-2024
		E			15-08-2024
		B			16-08-2024
		A			17-08-2024
3.	Thymus	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	19-08-2024
		D			20-08-2024
		E			21-08-2024
		B			22-08-2024
		A			24-08-2024
4.	Tonsils	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	26-08-2024
		D			27-08-2024
		E			28-08-2024
		B			29-08-2024
		A			31-08-2024

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	Dr. Zaneera	29-07-2024
			B	Dr. Sajjad	
			C	Dr. Ali Raza	
			D	Dr. Qurat	
2.	Posterior Compartment Of Leg (Neurovascular Organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	30-07-2024
			B	Dr. Sajjad	
			C	Dr. Ali Raza	
			D	Dr. Qurat	
3.	Bones of the foot	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A	Dr. Zaneera	31-07-2024
			B	Dr. Sajjad	
			C	Dr. Ali Raza	
			D	Dr. Qurat	
4	Dorsum of Foot (Muscles And Neurovascular Organization)	Prof Dr. Ayesha Yousaf Dr. Mohtasham .Hina	A	Dr. Zaneera	03-08-2024
			B	Dr. Sajjad	
			C	Dr. Ali Raza	
			D	Dr. Qurat	
5.	Ankle Joint (Ankle Sprain)		A	Dr. Zaneera	

		Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	B C D	Dr. Sajjad Dr. Ali Raza Dr. Qurat	13-08-2024
6.	Joints Of Foot	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Sajjad Dr. Ali Raza Dr. Qurat	17-08-2024
7	Sole Of Foot (Muscles)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Sajjad Dr. Ali Raza Dr. Qurat	19-08-2024
8	Sole Of Foot (Neurovascular Organization And Relationship In Foot)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Sajjad Dr. Ali Raza Dr. Qurat	20-08-2024
9	Arches Of Foot (Flat Foot), Gait cycle	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Sajjad Dr. Ali Raza Dr. Qurat	22-08-2024
10	Gait cycle	Prof Dr. Ayesha Yousaf Dr. Mohtasham .Hina	A B C D	Dr. Zaneera Dr. Sajjad Dr. Ali Raza Dr. Qurat	24-08-2024
11	Thymus, Tonsils Spleen	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Sajjad Dr. Ali Raza Dr. Qurat	26-08-2024
12	Radiology And Surface Marking	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Zaneera Dr. Sajjad Dr. Ali Raza Dr. Qurat	28-08-2024

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 * 10 = 20 hours
2	Small Group Discussions (SGD)	2*11+1 =23 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)	Dr. Arslan	Even	13-09-2024
			Odd	14-09-2024
2.	General Anatomy of CVS (General Organization)	Prof. Dr. Saima	Even	14-09-2024
			Odd	13-09-2024
3.	Development of CVS (Aortic Arches)	Dr. Arslan	Even	18-09-2024
			Odd	21-09-2024
4.	General Anatomy of CVS (Classification)	Prof. Dr. Saima	Even	21-09-2024
			Odd	18-09-2024
5.	Development of CVS (Formation, Position and Partitioning of hearttube)	Dr. Arslan	Even	23-09-2024
			Odd	26-09-2024
6.	Histology of CVS (Arteries and Veins)	Dr. Mohtasham	Even	26-09-2024
			Odd	23-09-2024
7.	Development of CVS (Formation and partitioning of Ventricles)	Dr. Arslan	Even	27-09-2024
			Odd	28-09-2024
8.	Histology of CVS(Capillaries)	Dr. Mohtasham	Even	28-09-2024
			Odd	27-09-2024
9.	Development of CVS(Fetal Circulation)	Dr. Arslan	Even	30-09-2024
			Odd	05-10-2024
10.	Histology of CVS(Tunics of heart & Lymphatic System)	Dr. Mohtasham	Even	05-10-2024
			Odd	30-09-2024

Practical/ skill Sessions

Sr. No.	Topic	Batch	Supervised By	Teacher	Date
1.	Elastic Arteries	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Kashif	12-09-2024
		D			14-09-2024
		E			15-09-2024

		B			17-09-2024
		A			18-09-2024
2.	Medium & Small Sized Arteries	C	Prof Dr. Ayesha Yousaf	Dr. Kashif	19-09-2024
		D	Dr. Mohtasham Hina		21-09-2024
		E			23-09-2024
		B			24-09-2024
		A			25-09-2024
3.	Large Veins	C	Prof Dr. Ayesha Yousaf	Dr. Kashif	26-09-2024
		D	Dr. Mohtasham Hina		28-09-2024
		E			30-09-2024
		B			01-10-2024
		A			02-10-2024
4.	Medium & Small Sized Veins	C	Prof Dr. Ayesha Yousaf	Dr. Kashif	03-10-2024
		D	Dr. Mohtasham Hina		04-10-2024
		E			07-10-2024
		B			08-10-2024
		A			09-10-2024

SGD/ CBL Sessions

S No	Topic	Supervised by	Batches	Teacher	Date
1	Thoracic Wall / Thoracic Vertebra	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Summyia Dr. Zeneera Dr. Qurat	12-09-2024
2	Pericardium / Cardiac Temponade	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Summyia Dr. Zeneera Dr. Qurat	19-09-2024
3	Heart (External Features)	Prof Dr. Ayesha Yousaf Dr. Mohtasham .Hina	A B C D	Dr. Sajjad Dr. Summyia Dr. Zeneera Dr. Qurat	21-09-2024
4	Heart (clinical correlation)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Summyia Dr. Zeneera Dr. Qurat	23-09-2024
5	Heart (Internal Features)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Summyia Dr. Zeneera Dr. Qurat	24-09-2024
6	Vassculature of Heart / CBL	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Summyia Dr. Zeneera Dr. Qurat	26-09-2024
7	Innervation of Heart	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Summyia Dr. Zeneera Dr. Qurat	27-09-2024
9	Superior Mediastinum (Trachea, Esophagus Ascending Aorta)	Prof Dr. Ayesha Yousaf Dr. Mohtasham .Hina	A B C	Dr. Sajjad Dr. Summyia Dr. Zeneera	30-09-2024

			D	Dr. Qurat	
10	Posterior mediastinum (Contents)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Sumyyia Dr. Zeneera Dr. Qurat	03-10- 2024
11	Posterior Mediastinum (Azygous system of Veins)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Sumyyia Dr. Zeneera Dr. Qurat	08-10- 2024
12	Cross Sectional Anatomy / Radiology	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D	Dr. Sajjad Dr. Sumyyia Dr. Zeneera Dr. Qurat	09-10- 2024

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 * 08 = 16 hours
2	Small Group Discussions (SGD)	1*4, 2*11 =26 hours
3	Practical / Skill Lab	7.5 * 3 = 22.5 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	21-10-2024
			Odd	28-10-2024
2.	Histology of Respiratory System	Dr Mohtasham	Even	28-10-2024
			Odd	21-10-2024
3.	Development of Respiratory System(trachea and larynx)	Prof. Dr Ayesha	Even	29-10-2024
			Odd	30-10-2024
4.	Histology of Respiratory system II	Dr Mohtasham	Even	30-10-2024
			Odd	29-10-2024
5.	Development of Respiratory System(Lungs)	Prof. Dr Ayesha	Even	01-11-2024
			Odd	04-11-2024
6.	Histology of Respiratory system III	Dr Mohtasham	Even	04-11-2024
			Odd	01-11-2024
7.	Development of Respiratory System(Lungs)	Prof. Dr Ayesha	Even	05-11-2024
			Odd	06-11-2024
8.	Histology of Respiratory system IV	Dr Mohtasham	Even	06-11-2024
			Odd	05-11-2024

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	26-10-2024
		D			28-10-2024
		E			29-10-2024
		B			30-10-2024
		A			31-10-2024
2.	Trachea	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.zaneera Dr. Qurat ul Ain	02-11-2024
		D			04-11-2024
		E			05-11-2024
		B			06-11-2024
		A			07-11-2024
3.	Lungs	C	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	Dr. Ali Raza Dr. Urooj Dr.zaneera Dr. Qurat ul Ain	09-11-2024
		D			11-11-2024
		E			12-11-2024
		B			13-11-2024
		A			14-11-2024

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 E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	26.10.2024
2.	Larynx and trachea	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	28.10.2024
3	Overview of thoracic wall	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	29-10-2024
4	Skeleton of thoracic wall (Ribs)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat	30-10.2024
5.	Skeleton of thoracic wall (Sternum)	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza	31-10-2024

				Dr. Zaneera	
6	Joints of Thoracic Wall	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	02-11-2024
7	Thoracic Apertures	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	04-11-2024
8	Movements Of Thoracic Wall & Intercostal Spaces	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr. Urooj Dr. Qurat Dr. Ali Raza Dr. Zaneera	05-11-2024
9	Diaphragmv	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	06-11-2024
10	Vasculature of thoracic wall	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	07-11-2024
11	Lungs	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	09-11-2024
12	Lungs	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	11-11-2024
13	Radiology & Surface Marking	Prof Dr. Ayesha Yousaf Dr. Mohtasham Hina	A B C D E F	Dr Summyia Dr. Tayyaba Dr. Sjjad Dr. Qurat Dr. Ali Raza Dr. Zaneera	12-11-2024

Bioethics, Research and Professionalism Large Group Interactive Sessions

Sr. no.	Module	Topic	Teacher	Batch	Date
1.	Foundation	Leadership & Professionalism	Dr. Arsalan	Even	17-02-2024
				Odd	18-02-2024
2.	MSK-I	Lecture on Mission & Vision	Dr. Arsalan	Even	07-03-2024
				Odd	03-03-2024
3.	MSK-II	History of Medical Ethics	Dr. Maria	Even	10-06-2024
			Dr. Arsalan	Odd	

Quality Check by Vice Chancellor



Academic Calendar Second Year MBBS (Batch 50)

BLOCKS	Block-I		Block-II		Block - III		Revision Module	Schedule Of Send Up And Professional Examination			
Modules	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	05	04	04	05	03	04	02				
Dates	26 th Feb to 30 th March 2024	18 th March- 16 May 2024	29 th April to 26 th June 2024	29 th July – 31 th August 2024	12 th September – 2 nd October 2024	07 th October – 06 th November 2024	16 th Oct-28 th Oct 2023	17 th November– 26 th Nov 2024 (10 days)	27 th November to 09 th December 2024 (13 days)	10 th December to 30 th Dec 2024 (20 days)	31 st Dec 2024-25 th Jan, 2025 (24 days)

- Vacation Schedule during Academic Year 2024
05th – 13th April - Spring Vacation
29th – 04th May - Students week
17th June – 20th 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	28-01-2024
			Odd	27-02-2024
2.	Development of Tongue	Prof. Dr. Ifra Saeed	Even	27-02-2024
			Odd	28-01-2024
3.	Histology of Salivary glands	Dr. Maria Tasleem	Even	29-02-2024
			Odd	01-03-2024
4.	Development of Salivary glands	Prof. Dr. Ifra Saeed	Even	29-02-2024
			Odd	01-03-2024
5.	Development of Esophagus & stomach I	Prof. Dr. Ifra Saeed	Even	05-03-2024
			Odd	06-03-2024
6.	Histology General organization of G.I.T & Esophagus	Dr. Maria Tasleem	Even	06-03-2024
			Odd	05-03-2024
7.	Histology of Stomach	Dr. Maria Tasleem	Even	09-03-2024
			Odd	08-03-2024
8.		Prof. Dr. Ifra Saeed	Even	08-03-2024

	Development of Stomach II		Odd	09-03-2024
9.	Histology of Liver	Dr. Maria Tasleem	Even	12-03-2024
			Odd	13-03-2024
10.	Development of Gall bladder & pancreas	Prof. Dr. Ifra Saeed	Even	14-03-2024
			Odd	15-02-2024
11.	Development of Liver & Biliary apparatus	Prof. Dr. Ifra Saeed	Even	12-03-2024
			Odd	13-03-2024
12.	Histology of Pancreas and Gallbladder	Dr. Maria Tasleem	Even	15-03-2024
			Odd	14-03-2024
13.	Development of small intestine	Prof. Dr. Ifra Saeed	Even	16-03-2024
			Odd	18-03-2024
14.	Histology of Small intestine	Dr. Maria Tasleem	Even	18-03-2024
			Odd	16-03-2024
15.	Histology of Large intestine I	Dr. Maria Tasleem	Even	21-03-2024
			Odd	20-03-2024
16.	Development of large intestine	Prof. Dr. Ifra Saeed	Even	20-03-2024
			Odd	21-03-2024
17.	Histology of Large intestine II	Dr. Maria Tasleem	Even	27-03-2024
			Odd	25-03-2024
18.	Development of Body cavities I	Dr. Arsalan Manzoor	Even	25-03-2024
			Odd	27-03-2024
19.	Development of Body cavities II	Dr. Arsalan Manzoor	Even	26-03-2024
			Odd	26-03-2024

Practical/Skills Lab Sessions

SR. NO.	MODULE	TOPIC	BATCH	SUPERVISED BY	TEACHER	DATE
1.			C		Dr. Gaiti Ara	26-02-24

	GIT Module	Histology of Tongue & Salivary glands		Prof Dr. Ayesha Yousaf Dr. Maria Tasleem		
			D		Dr. Gaiti Ara	27-02-24
			E		Dr. Gaiti Ara	28-02-24
			B		Dr. Gaiti Ara	29-02-24
			A		Dr. Gaiti Ara	02-03-24
2.		Histology of Esophagus & Stomach	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Minahil haq	04-03-24
			D		Dr.Minahil haq	05-03-24
			E		Dr.Minahil haq	06-03-24
			B		Dr.Minahil haq	07-03-24
			A		Dr.Minahil haq	09-03-24
3.		Histology of Liver & Gall Bladder	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Sadia	11-03-24
			D		Dr.Sadia	12-03-24
			E		Dr.Sadia	13-03-24
			B		Dr.Sadia	14-03-24
			A		Dr.Sadia	16-03-24
4.		Histology of small intestine	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Tariq furqan	18-03-24
			D		Dr.Tariq furqan	19-03-24
			E		Dr.Tariq furqan	20-03-24

			B		Dr.Tariq furqan	21-03-24
			A		Dr.Tariq furqan	02-03-24
5.		Histology of Large intestine	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Tariq furqan	25-03-24
			D		Dr.Tariq furqan	26-03-24
			E		Dr.Tariq furqan	27-03-24
			B		Dr.Tariq furqan	28-03-24
			A		Dr.Tariq furqan	30-3-24

10.		Histology of seminal vesicles & prostate	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Sadia	03-6-24
			D		Dr.Sadia	04-6-24
			E		Dr.Sadia	05-6-24
			B		Dr.Sadia	06-6-24
			A		Dr.Sadia	08-6-24
11.		Histology of uterus, uterine tube & Ovary	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	10-6-24
			D		Dr. Gaiti Ara	11-6-24
			E		Dr. Gaiti Ara	12-6-24
			B		Dr. Gaiti Ara	13-6-24
			A		Dr. Gaiti Ara	15-6-24

SGD/CBL Sessions

SR.N O.	MODULE	TOPIC	BATCH	SUPERVISED BY	NAME OF TEACHER	DATE
1	GIT Module	Topographical organization of GIT	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	28-05-2024
			B	Dr. Maria Tasleem	Dr. Minahil haq	28-05-2024
			C		Dr. Sadia	28-05-2024
2.		Oral cavity, Tongue & Salivary Glands	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	27-05-24
			B		Dr. Minahil haq	27-05-24
			C	Dr. Maria Tasleem	Dr. Sadia	27-05-24
3.		Anterolateral Abdominal Wall	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	28-05-24
			B		Dr. Minahil haq	28-05-24
			C	Dr. Maria Tasleem	Dr. Sadia	28-05-24
4.		Rectus Sheath	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	29-05-24
			B		Dr. Minahil haq	29-05-24
			C	Dr. Maria Tasleem	Dr. Sadia	29-05-24
			A		Dr. Gaiti Ara	04-03-24

5.		Inguinal region & Hernias	B	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Minahil haq	04-03-24
			C		Dr. Sadia	04-03-24
6.		Testes & Scrotum	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	05-03-24
			B		Dr. Minahil haq	05-03-24
			C		Dr. Sadia	05-03-24
7.		Peritoneum & peritoneal cavity	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	06-03-24
			B		Dr. Minahil haq	06-03-24
			C		Dr. Sadia	06-03-24
8.		Sub divisions of peritoneal cavity	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	07-03-24
			B		Dr. Minahil haq	07-03-24
			C		Dr. Sadia	07-03-24
9.		Esophagus & Stoamch	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	09-03-24
			B		Dr. Minahil haq	09-03-24
			C		Dr. Sadia	09-03-24
10.		Duodenum	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	11-03-24
			B		Dr. Minahil haq	11-03-24
			C		Dr. Sadia	11-03-24
11.		Jejunum & Ileum	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	12-03-24
			B		Dr. Minahil haq	12-03-24
			C		Dr. Sadia	12-03-24
12.		Liver I (CBL) Portal Hypertension	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	13-03-24
			B		Dr. Minahil haq	13-03-24
			C		Dr. Sadia	13-03-24

	GIT Module			Dr. Maria Tasleem		
13.		Liver II	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	14-03-24
			B		Dr. Minahil haq	14-03-24
			C	Dr. Maria Tasleem	Dr. Sadia	14-03-24
14.		Dissection/Spotting	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	15-03-24
			B		Dr. Minahil haq	15-03-24
			C	Dr. Maria Tasleem	Dr. Sadia	15-03-24
15.		Gall Bladder & Biliary apparatus	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	16-03-24
			B		Dr. Minahil haq	16-03-24
			C	Dr. Maria Tasleem	Dr. Sadia	16-03-24
16.		Spleen	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	18-03-24
			B		Dr. Minahil haq	18-03-24
			C	Dr. Maria Tasleem	Dr. Sadia	18-03-24
17.		Pancreas	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	19-03-24
			B		Dr. Minahil haq	19-03-24
			C	Dr. Maria Tasleem	Dr. Sadia	19-03-24
18.		Large intestine CBL Acute appendicitis	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	20-3-24
			B		Dr. Minahil haq	20-3-24
			C	Dr. Maria Tasleem	Dr. Sadia	20-3-24
19.		Vasculature of GIT	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	21-3-24
			B		Dr. Minahil haq	21-3-24
			C	Dr. Maria Tasleem	Dr. Sadia	21-3-24
20.		Surface marking & Radiology	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	25-3-24
			B		Dr. Minahil haq	25-3-24
	C		Dr. Maria Tasleem	Dr. Sadia	25-3-24	

21.		Rectum	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	26-3-24
			B		Dr. Minahil haq	26-3-24
			C		Dr. Sadia	26-3-24
22.		Anal Canal	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	27-3-24
			B		Dr. Minahil haq	27-3-24
			C		Dr. Sadia	27-3-24
23.		Innervation of Abdominal Viscera	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	28-3-24
			B		Dr. Minahil haq	28-3-24
			C		Dr. Sadia	28-3-24
24.		Dissection & spotting	A	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	29-3-24
			B		Dr. Minahil haq	29-3-24
			C		Dr. Sadia	29-3-24
25.		Fascia & muscles of Posterior Abdominal wall	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	18-4-24
			B		Dr. Gaiti Ara	18-4-24
			C		Dr. Tariq	18-4-24
26.		Nerves of Posterior Abdominal wall	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	19-4-24
			B		Dr. Gaiti Ara	19-4-24
			C		Dr. Tariq	19-4-24
27.		Vessels of Posterior abdominal wall & Lumber vertebra	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	20-4-24
			B		Dr. Gaiti Ara	20-4-24
			C		Dr. Tariq	20-4-24

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

TOPIC	TEACHER	EVEN/ ODD HALF	DATE
Histology of kidney I	Dr. Maria Tasleem	Even	19-04-2024
		Odd	18-04-2024
Histology of kidney II	Dr. Maria Tasleem	Even	25-04-2024
		Odd	20-04-2024
Development of Kidney & ureter	Prof. Dr. Ifra Saeed	Even	18-04-2024
		Odd	19-04-2024
Development of urinary bladder & urethra	Prof. Dr. Ifra Saeed	Even	20-04-2024
		Odd	25-04-2024
Histology of ureter, Urinary bladder & urethra	Prof. Dr. Ifra Saeed	Even	09-05-2024
	Dr. Maria Tasleem	Odd	09-05-2024

SGD/CBL Sessions

25.		Fascia & muscles of Posterior Abdominal wall	A		Dr. Sadia	18-4-24
			B		Dr. Gaiti Ara	18-4-24

	Renal		C	Prof Dr. Ayesha Yousaf Dr. MariaTaslee m	Dr. Tariq	18-4-24
26.		Nerves of Posterior Abdominal wall	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sadia	19-4-24
			B		Dr. Gaiti Ara	19-4-24
			C		Dr. Tariq	19-4-24
27.		Vessels of Posterior abdominal wall & Lumber vertebra	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sadia	20-4-24
			B		Dr. Gaiti Ara	20-4-24
			C		Dr. Tariq	20-4-24
28.		Kidney	A	Prof Dr. Ayesha Yousaf Dr. MariaTaslee m	Dr. Minahil haq	22-4-24
			B		Dr. Sadia	22-4-24
			C		Dr. Gaiti Ara	22-4-24
29.		Ureter	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sadia	23-4-24
			B		Dr. Gaiti Ara	23-4-24
			C		Dr. Tariq	23-4-24
30.		Urinary Bladder	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sadia	25-4-24
			B		Dr. Gaiti Ara	25-4-24
			C		Dr. Tariq	25-4-24
31.		Supra renal gland & Urethra	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Sadia	27-4-24
			B		Dr. Gaiti Ara	27-4-24
			C		Dr. Tariq	27-4-24
32.		Dissection/Spotting	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Sadia	20-4-24
			B		Dr. Gaiti Ara	20-4-24
			C		Dr. Tariq	20-4-24
33.			Radiology & Surface marking	A		Dr. Sadia

			B	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	20-4-24
			C	Dr. Maria Tasleem	Dr. Tariq	20-4-24
34.		Dissection	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	20-4-24
			B		Dr. Gaiti Ara	20-4-24
			C	Dr. Maria Tasleem	Dr. Tariq	20-4-24
35.		Dissection/Spotting	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	06-5-24
			B		Dr. Gaiti Ara	06-5-24
			C	Dr. Maria Tasleem	Dr. Tariq	06-5-24

Practical/Skills Sessions

6.	Renal	Histology of Kidney	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	18-4-24
			D		Dr. Gaiti Ara	19-4-24
			E		Dr. Gaiti Ara	20-4-24
			B		Dr. Gaiti Ara	13-5-24
			A		Dr. Gaiti Ara	14-5-24
7.		Histology of Ureter	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sadia	22-4-24
			D		Dr. Sadia	23-4-24
			E		Dr. Sadia	24-4-24
			B		Dr. Sadia	25-4-24
			A		Dr. Sadia	27-4-24
8.		Histology of Urinary Bladder	C	Prof Dr. Ayesha Yousaf	Dr. Minahil haq	06-5-24
			D		Dr. Minahil haq	07-5-24
			E		Dr. Minahil haq	08-5-24
			B		Dr. Minahil haq	09-5-24

			A	Dr. Maria Tasleem	Dr.Minahil haq	15-5-24
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BIOETHICS LECTURE

2.	Renal	Ethics of social media and advertising	Dr. Arsalan Manzoor
		Ethical principles	

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 * 06 = 12 hours
2	Small Group Discussions (SGD)	1.5*11 =16 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	28-05-2024
			Odd	29-05-2024
2.	Histology of Testis	Dr. Maria Tasleem	Even	29-05-2024
			Odd	28-05-2024
3.	Histology of male genital ducts and accessory glands	Dr. Maria Tasleem	Even	30-05-2024
			Odd	31-05-2024

4.	Development of male genital ducts and accessory glands	Prof. Dr. Ifra Saeed	Even	31-05-2024
			Odd	30-05-2024
5.	Histology of ovary & vagina	Dr. Maria Tasleem	Even	07-06-2024
			Odd	13-06-2024
6.	Development of ovary & vagina	Prof. Dr. Ifra Saeed	Even	13-06-2024
			Odd	07-06-2024
7.	Histology of uterus and uterine tubes	Dr. Maria Tasleem	Even	01-06-2024
			Odd	03-06-2024
8.	Development of uterus and uterine tubes	Prof. Dr. Ifra Saeed	Even	03-06-2024
			Odd	01-06-2024

SGD/CBL Sessions

		Sacrum, Bony pelvis & Joints of pelvis	A	Prof Dr. Ayesha Yousaf	Dr. Minahil haq	28-5-24
			B	Dr. MariaTasleem	Dr. Gaiti Ara	28-5-24
			C		Dr. Sadia	28-5-24
			D		Dr.Tariq	28-5-24
37.		Pelvic Fascia, Pelvic peritoneum, Pelvic Diaphragm, Contents of pelvic cavity	A	Prof Dr. Ayesha Yousaf	Dr. Minahil haq	29-5-24
			B	Dr.MariaTasleem	Dr. Gaiti Ara	29-5-24
			C		Dr. Sadia	29-5-24
			D		Dr.Tariq	29-5-24
38.		External male genitalia, Testis & Scrotum	A	Prof Dr. Ayesha Yousaf	Dr. Minahil haq	30-5-24
			B	Dr.MariaTasleem	Dr. Gaiti Ara	30-5-24
			C		Dr. Sadia	30-5-24
			D		Dr.Tariq	30-5-24
39.	Reproduction	Prostate (vas deferens, seminal vesicle& ejaculatory duct)	A	Prof Dr. Ayesha Yousaf	Dr. Minahil haq	01-06-24
			B	Dr.MariaTasleem	Dr. Gaiti Ara	01-06-24
			C		Dr. Sadia	01-06-24
			D		Dr.Tariq	01-06-24
40.		Male internal genital organs	A	Prof Dr. Ayesha Yousaf	Dr. Minahil haq	03-06-24
			B	Dr.MariaTasleem	Dr. Gaiti Ara	03-06-24
			C		Dr. Sadia	03-06-24
			D		Dr.Tariq	03-06-24
41.		Dissection & Spotting	A	Prof Dr. Ayesha Yousaf	Dr. Minahil haq	04-06-24
			B	Dr.MariaTasleem	Dr. Gaiti Ara	04-06-24
			C		Dr. Sadia	04-06-24
			D		Dr.Tariq	04-06-24

42.		Female internal genital organs (Ovaries & Fallopian tubes)	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Minahil haq	05-06-24
			B		Dr. Gaiti Ara	05-06-24
			C		Dr. Sadia	05-06-24
			D		Dr.Tariq	05-06-24
43.		Ischioanal Fossa	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Minahil haq	06-06-24
			B		Dr. Gaiti Ara	06-06-24
			C		Dr. Sadia	06-06-24
			D		Dr.Tariq	06-06-24
44		Perineum Superficial pouch & contents	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Minahil haq	10-6-24
			B		Dr. Gaiti Ara	10-6-24
			C		Dr. Sadia	10-6-24
			D		Dr.Tariq	10-6-24
45.		Vascular supply of pelvis & perineum	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Minahil haq	11-6-24
			B		Dr. Gaiti Ara	11-6-24
			C		Dr. Sadia	11-6-24
			D		Dr.Tariq	11-6-24
46.		Sacral & coccygeal plexus	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Minahil haq	12-6-24
			B		Dr. Gaiti Ara	12-6-24
			C		Dr. Sadia	12-6-24
			D		Dr.Tariq	12-6-24
47.		Cross-Sectional Anatomy	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Minahil haq	13-6-24
			B		Dr. Gaiti Ara	13-6-24
			C		Dr. Sadia	13-6-24
			D		Dr.Tariq	13-6-24
48.		Radiology & Surface marking	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Minahil haq	15-6-24
			B		Dr. Gaiti Ara	15-6-24
			C		Dr. Sadia	15-6-24
			D		Dr.Tariq	15-6-24

Practical/Skills Sessions

9.	Reproduction	Histology of Testis, Epididymis & Ductus deferens	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Minahil haq	27-5-24
			D		Dr. Minahil haq	28-5-24
			E		Dr. Minahil haq	29-5-24
			B		Dr. Minahil haq	30-5-24
			A		Dr. Minahil haq	01-6-24

10.		Histology of seminal vesicles & prostate	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Sadia	03-6-24
			D		Dr.Sadia	04-6-24
			E		Dr.Sadia	05-6-24
			B		Dr.Sadia	06-6-24
			A		Dr.Sadia	08-6-24
11.		Histology of uterus, uterine tube & Ovary	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti Ara	10-6-24
			D		Dr. Gaiti Ara	11-6-24
			E		Dr. Gaiti Ara	12-6-24
			B		Dr. Gaiti Ara	13-6-24
			A		Dr. Gaiti Ara	15-6-24

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)	1 * 2 = 22 hours
2	Small Group Discussions (SGD)	22 * 2 = 44 hours
3	Practical / Skill Lab	7.5 * 5 = 37.5 hours

Large Group Interactive Sessions

Sr. No.	TOPIC	TEACHER	EVEN/ ODD HALF	DATE
1	General Anatomy of Nervous System	Dr. Arsalan Manzoor	Even	29-07-2024
			Odd	30-07-2024
2	Early development of CNS	Prof. Dr. Ifra Saeed	Even	30-07-2024
			Odd	29-07-2024
3	General Anatomy of Autonomic Nervous System	Dr. Arsalan Manzoor	Even	01-08-2024
			Odd	31-07-2024
4	Development of Spinal cord	Prof. Dr. Ifra Saeed	Even	31-07-2024
			Odd	01-08-2024
5	Histology of Spinal cord & Peripheral Nerve	Dr. Maria Tasleem	Even	06-08-2024
			Odd	07-08-2024
6	Development of Rhombencephalon	Prof. Dr. Ifra Saeed	Even	07-08-2024

			Odd	06-08-2024
7	Histology of Cerebellum	Dr. Maria Tasleem	Even	10-08-2024
			Odd	12-08-2024
8	Development of Mesencephalon & prosencephalon	Prof. Dr. Ifra Saeed	Even	12-08-2024
			Odd	10-08-2024
9	Histology of Cerebrum	Dr. Maria Tasleem	Even	20-08-2024
			Odd	21-08-2024
10	Development of peripheral & Autonomic Nervous System	Prof. Dr. Ifra Saeed	Even	21-08-2024
			Odd	20-08-2024

SGD/CBL Sessions

SR.NO.	MODULE	TOPIC	BATCH	SUPERVISED BY	NAME OF TEACHER	DATE
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16		Anterior & Middle cranial fossa	A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	29-07-24
			B		Dr. Minahil Haq	29-07-24
			C		Dr. Tariq Furqan	29-07-24
			D		Dr. Sadia Baqir	29-07-24
17		Posterior cranial fossa	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	30-07-24
			B		Dr. Minahil Haq	30-07-24
			C		Dr. Tariq Furqan	30-07-24
			D		Dr. Sadia Baqir	30-07-24
18		Meninges, Dural venous sinuses and intracranial hemorrhages	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	31-07-24
			B		Dr. Minahil Haq	31-07-24
			C		Dr. Tariq Furqan	31-07-24
			D		Dr. Sadia Baqir	31-07-24
		Spinal cord	A		Dr. Gaiti Ara	01-08-24

19	CNS		B	Prof Dr. Ayesha Yousaf	Dr. Minahil Haq	01-08-24
			C	Dr.MariaTasleem	Dr. Tariq Furqan	01-08-24
			D		Dr. Sadia Baqir	01-08-24
20		Ascending Tracts & their clinicals	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	03-08-24
			B		Dr. Minahil Haq	03-08-24
			C		Dr. Tariq Furqan	03-08-24
			D		Dr. Sadia Baqir	03-08-24
21		Descending tracts & their clinicals	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	05-08-24
			B		Dr. Minahil Haq	05-08-24
			C		Dr. Tariq Furqan	05-08-24
			D		Dr. Sadia Baqir	05-08-24
22		Spinal cord lesions	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	06-08-24
			B		Dr. Minahil Haq	06-08-24
			C		Dr. Tariq Furqan	06-08-24
			D		Dr. Sadia Baqir	06-08-24
23		Medulla oblongata	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	07-08-24
			B		Dr. Minahil Haq	07-08-24
			C		Dr. Tariq Furqan	07-08-24
			D		Dr. Sadia Baqir	07-08-24
24		Pons & 4 th ventricle	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	08-08-24
			B		Dr. Minahil Haq	08-08-24
			C		Dr. Tariq Furqan	08-08-24
			D		Dr. Sadia Baqir	08-08-24
25		Mid brain	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	10-08-24
			B		Dr. Minahil Haq	10-08-24
			C		Dr. Tariq Furqan	10-08-24

			D		Dr. Sadia Baqir	10-08-24
26	Cerebellum		A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	12-08-24
			B		Dr. Minahil Haq	12-08-24
			C		Dr. Tariq Furqan	12-08-24
			D		Dr. Sadia Baqir	12-08-24
27	Thalamus, Epithalamus, subthalamus		A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	13-08-24
			B		Dr. Minahil Haq	13-08-24
			C		Dr. Tariq Furqan	13-08-24
			D		Dr. Sadia Baqir	13-08-24
28	Hypothalamus		A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	15-08-24
			B		Dr. Minahil Haq	15-08-24
			C		Dr. Tariq Furqan	15-08-24
			D		Dr. Sadia Baqir	15-08-24
29	Cortical areas, layers & lesions of cerebrum		A	Prof Dr. Ayesha Yousaf Dr. MariaTasleem	Dr. Gaiti Ara	17-08-24
			B		Dr. Minahil Haq	17-08-24
			C		Dr. Tariq Furqan	17-08-24
			D		Dr. Sadia Baqir	17-08-24
30	Dissection		A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	19-08-24
			B		Dr. Minahil Haq	19-08-24
			C		Dr. Tariq Furqan	19-08-24
			D		Dr. Sadia Baqir	19-08-24
31	Lateral ventricle , ventricular system & Blood brain barrier		A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	20-08-24
			B		Dr. Minahil Haq	20-08-24
			C		Dr. Tariq Furqan	20-08-24
			D		Dr. Sadia Baqir	20-08-24
	Cranial nerves I, II, III, IV, VI		A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	21-08-24
			B		Dr. Minahil Haq	21-08-24

32			C		Dr. Tariq Furqan	21-08-24
			D		Dr. Sadia Baqir	21-08-24
33		Cranial nerves V, VII	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	22-08-24
			B		Dr. Minahil Haq	22-08-24
			C		Dr. Tariq Furqan	22-08-24
			D		Dr. Sadia Baqir	22-08-24
34		Cranial nerves VIII-XII	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	23-08-24
			B		Dr. Minahil Haq	23-08-24
			C		Dr. Tariq Furqan	23-08-24
			D		Dr. Sadia Baqir	23-08-24
35		Basal ganglia	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	26-08-24
			B		Dr. Minahil Haq	26-08-24
			C		Dr. Tariq Furqan	26-08-24
			D		Dr. Sadia Baqir	26-08-24
36		Limbic system & reticula formation	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	27-08-24
			B		Dr. Minahil Haq	27-08-24
			C		Dr. Tariq Furqan	27-08-24
			D		Dr. Sadia Baqir	27-08-24
37		Blood supply of brain & clinicals	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	28-08-24
			B		Dr. Minahil Haq	28-08-24
			C		Dr. Tariq Furqan	28-08-24
			D		Dr. Sadia Baqir	28-08-24
38		Radiological imaging of CNS	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	29-08-24
			B		Dr. Minahil Haq	29-08-24
			C		Dr. Tariq Furqan	29-08-24
			D		Dr. Sadia Baqir	29-08-24

39		Cross-sectional study/ Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Gaiti Ara	31-08-24
			B		Dr. Minahil Haq	31-08-24
			C		Dr. Tariq Furqan	31-08-24
			D		Dr. Sadia Baqir	31-08-24

Practical/Skills Sessions

SR. NO.	MODULE	TOPIC	BATCH	SUPERVISED BY	TEACHER	DATE
11	CNS Module	Histology of Peripheral Nerve	C	Prof Dr. Ayesha Yousaf	Dr. Minahil Haq	29-07-24
			D	Dr.Maria Tasleem	Dr. Minahil Haq	30-07-24
			E		Dr. Minahil Haq	31-07-24
			B		Dr. Minahil Haq	01-08-24
			A		Dr. Minahil Haq	03-08-24
12		Histology of Ganglia	C	Prof Dr. Ayesha Yousaf	Dr. Sadia Baqir	05-08-24
			D	Dr.Maria Tasleem	Dr. Sadia Baqir	06-08-24
			E		Dr. Sadia Baqir	07-08-24
			B		Dr. Sadia Baqir	08-08-24
			A		Dr. Sadia Baqir	10-08-24
13		Histology of Spinal cord	C	Prof Dr. Ayesha Yousaf	Dr. Gaiti Ara	12-08-24
			D	Dr.Maria Tasleem	Dr. Gaiti Ara	13-06-24
			E		Dr. Gaiti Ara	23-08-24
			B		Dr. Gaiti Ara	15-08-24
			A		Dr. Gaiti Ara	17-08-24
14		Histology of Cerebellum	C	Prof Dr. Ayesha Yousaf	Dr. Minahil Haq	19-08-24
			D	Dr.Maria Tasleem	Dr. Minahil Haq	20-08-24
			E		Dr. Minahil Haq	21-08-24

15		Histology of Cerebrum	B	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr. Minahil Haq	22-08-24
			A		Dr. Minahil Haq	24-08-24
			C		Dr. Sadia Baqir	26-08-24
			D		Dr. Sadia Baqir	27-08-24
			E		Dr. Sadia Baqir	28-08-24
			B		Dr. Sadia Baqir	29-08-24
			A		Dr. Sadia Baqir	31-08-24

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*45 + 1 *4 hours= 34 hours
3	Practical / Skill Lab	1.5 *1 5 =22.5 hours

Large Group Interactive Sessions

Sr. No.	TOPIC	TEACHER	EVEN/ ODD HALF	DATE
1	Development of pituitary&. pineal gland	Dr. Maria Tasleem	Even	10-09-2024
			Odd	13-09-2024
2	Histology of pituitary& pineal gland	Prof. Dr. Ifra Saeed	Even	13-09-2024
			Odd	10-10-2024
3	Histology of Eye II	Dr. Maria Tasleem	Even	21-09-2024
			Odd	23-09-2024
4	Development of Eye II	Prof. Dr. Ifra Saeed	Even	23-09-2024
			Odd	21-09-2024
5	Development of Pharyngeal apparatus	Prof. Dr. Ifra Saeed	Even	24-9-24
			Odd	25-09-2024
6	Histology of Ear	Dr. Maria Tasleem	Even	25-09-2024
			Odd	24-9-24
7	Development of Ear	Dr. Maria Tasleem	Even	28-09-2024
			Odd	30-09-2024
8	Development of Nose	Prof. Dr. Ifra Saeed	Even	30-09-2024
			Odd	28-09-2024
9	Development of Palate	Prof. Dr. Ifra Saeed	odd	01-10-2024
		Dr. Maria Tasleem	EVEN	01-10-2024

SGD/CBL Sessions

		Facial and superior aspect of cranium (Norma frontalis & Norma verticalis)	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	12-9-24
			B		Dr.Gaiti	12-9-24
			C		Dr. Minahil	12-9-24

		1	D	Dr. MariaTasleem	Dr.Tariq Furqan	12-9-24
73		Norma basalis.	A	Prof Dr. Ayesha Yousaf	Dr. sadia	14-9-24
		2	B	Dr.MariaTasleem	Dr.Gaiti	14-9-24
		11:20am-----12:10pm	C		Dr.Minahil	14-9-24
			D		Dr.Tariq Furqan	14-9-24
74		Lateral and occipital aspect of cranium (Norma lateralis & occipitalis) Extra Dural hemorrhage	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	14-9-24
			B	Dr.MariaTasleem	Dr. Gaiti	14-9-24
			C		Dr.Minahil	14-9-24
		CBL	D		Dr.Tariq Furqan	14-9-24
		3				
75		Face	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	17-9-24
		4	B	Dr.MariaTasleem	Dr. Gaiti	17-9-24
		11:20a.m----12:10	C		Dr.Minahil	17-9-24
			D		Dr.Tariq Furqan	17-9-24
76		Mandible	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	17-9-24
		Temporomandibular joint	B	Dr.MariaTasleem	Dr. Gaiti	17-9-24
			C		Dr.Minahil	17-9-24
		5	D		Dr.Tariq Furqan	17-9-24
77	Special Senses	Scalp	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	18-9-24
		6	B	Dr.Maria Tasleem	Dr. Gaiti	18-9-24
			C		Dr.Minahil	18-9-24
			D		Dr.Tariq Furqan	18-9-24
78		Orbit	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	19-9-24
		Extraocular muscles (oculomotor nerve palsy)	B	Dr.Maria Tasleem	Dr. Gaiti	19-9-24
			C		Dr.Minahil	19-9-24
		CBL	D		Dr.Tariq Furqan	19-9-24
		7				
79		Vessels and Nerves of Orbit	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	21-9-24
		8	B		Dr. Gaiti	21-9-24

			C	Dr.Maria Tasleem	Dr.Minahil	21-9-24
			D		Dr.Tariq Furqan	21-9-24
80	9	Eyeball	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	23-9-24
			B		Dr. Gaiti	23-9-24
			C		Dr.Minahil	23-9-24
			D		Dr.Tariq Furqan	23-9-24
81	10	Parotid & Temporal region	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	24-9-24
			B		Dr. Gaiti	24-9-24
			C		Dr.Minahil	24-9-24
			D		Dr.Tariq Furqan	24-9-24
82	11	Eyelids & Lacrimal apparatus	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	24-9-24
			B		Dr. Gaiti	24-9-24
			C		Dr.Minahil	24-9-24
			D		Dr.Tariq Furqan	24-9-24
83	12	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	25-9-24
			B		Dr. Gaiti	25-9-24
			C		Dr.Minahil	25-9-24
			D		Dr.Tariq Furqan	25-9-24
84	13	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	26-9-24
			B		Dr. Gaiti	26-9-24
			C		Dr.Minahil	26-9-24
			D		Dr.Tariq Furqan	26-9-24
85	14	Infratemporal fossa I	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	26-9-24
			B		Dr. Gaiti	26-9-24
			C		Dr.Minahil	26-9-24
			D		Dr.Tariq Furqan	26-9-24
86	15	Dissection	A	Prof Dr. Ayesha Yousaf Dr.MariaTasleem	Dr. Sadia	27-9-24
			B		Dr. Gaiti	27-9-24
			C		Dr.Minahil	27-9-24

			D		Dr.Tariq Furqan	27-9-24
87		Infratemporal fossa-II 16	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	28-9-24
			B	Dr.MariaTasleem	Dr. Gaiti	28-9-24
			C		Dr.Minahil	28-9-24
			D		Dr.Tariq Furqan	28-9-24
88		Pterygopalatine fossa 17	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	30-9-24
			B	Dr.MariaTasleem	Dr. Gaiti	30-9-24
			C		Dr.Minahil	30-9-24
			D		Dr.Tariq Furqan	30-9-24
89		Inner ear 18	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	1-10-24
			B	Dr.MariaTasleem	Dr. Gaiti	1-10-24
			C		Dr.Minahil	1-10-24
			D		Dr.Tariq Furqan	1-10-24
90		External & Middle Ear 19	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	1-10-24
			B	Dr.MariaTasleem	Dr. Gaiti	1-10-24
			C		Dr.Minahil	1-10-24
			D		Dr.Tariq Furqan	1-10-24
ss91		Cross Sectional Anatomy 20	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	2-10-24
			B	Dr.MariaTasleem	Dr. Gaiti	2-10-24
			C		Dr.Minahil	2-10-24
			D		Dr.Tariq Furqan	2-10-24
92		Nose & paranasal sinuses 21	A	Prof Dr. Ayesha Yousaf	Dr. Sadia	2-10-24
			B	Dr.MariaTasleem	Dr. Gaiti	2-10-24
			C		Dr.Minahil	2-10-24
			D		Dr.Tariq Furqan	2-10-24

Practical/Skills Sessions

17.	Special Senses	Histology of Cornea	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Gaiti	12-09-24
			D		Dr. Gaiti	13-09-24
			E		Dr. Gaiti	14-09-24
			B		Dr. Gaiti	17-09-24
			A		Dr. Gaiti	18-09-24
18.		Histology of Retina	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Minahil	19-09-24
			D		Dr.Minahil	21-09-24
			E		Dr.Minahil	23-09-24
			B		Dr.Minahil	24-09-24
			A		Dr.Minahil	25-09-24
19.		Histology of Inner ear	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sadia	26-09-24
			D		Dr. Sadia	28-09-24
			E		Dr. Sadia	30-09-24
			B		Dr. Sadia	01-10-24
			A		Dr. Sadia	02-10-24

SECOND YEAR MBBS RESEARCH ACTIVITY SESSION 2024

5.	Special Senses	Research Club Activity		
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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	8-10-24
			Odd	7-10-2024
2	Histology of Pituitary & Pineal Gland	Dr. Maria Tasleem	Even	7-10-2024
			Odd	8-10-24
3	Histology of Thyroid & Parathyroid Gland	Dr. Maria Tasleem	Even	26-10-24
			Odd	12-10-24
4	Development of Thyroid & Parathyroid Gland	Prof. Dr. Ifra Saeed	Even	12-10-24

			Odd	26-10-24
5	History of Medical Ethics	Dr. Maria Tasleem	odd	25-10-24
		Dr. Arsalan Manzoor	even	25-10-24
6	Development of Adrenal Gland & Pancreas	Prof. Dr. Ifra Saeed	Even	31-10-24
			Odd	4-11-24
7	Histology of Adrenal Gland & Pancreas	Dr. Maria Tasleem	Even	4-11-24
			Odd	31-10-24

SGD/CBL Sessions

12	Bones of Neck, Hyoid Bone & Cervical Vertebrae	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sara Bano	7-10-2024
		B		Dr.Sadia Anam	7-10-2024
		C		Dr.Gaiti	7-10-2024
		D		Dr.Sadia	7-10-2024
		E		Dr.Tariq furqan	7-10-2024
		F		Dr.Minahil	7-10-2024
	Superficial structures of Neck- (sternocleido mastoid region of neck, posterior cervical region suboccipital triangle)	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	8-10-2024
		B		Dr.Sadia Anam	8-10-2024
		C		Dr.Gaiti Ara	8-10-2024
		D		Dr. Sadia	8-10-2024
		E		Dr.Tariq Furqan	8-10-2024
		F		Dr. Minahil Haq	8-10-2024
	Lateral Cervical Region- Muscles	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	9-10-24
		B		Dr.Sadia Anam	9-10-24
		C		Dr.Gaiti Ara	9-10-24
		D		Dr. Sadia	9-10-24

Endocrinology		E		Dr.Tariq Furqan	9-10-24
		F		Dr. Minahil Haq	9-10-24
	Superficial and deep fascias of the neck	A	Prof Dr. Ayesha Yousaf	Dr.Sara Bano	10-10-24
		B	Dr.Maria Tasleem	Dr.Sadia Anam	10-10-24
		C		Dr.Gaiti Ara	10-10-24
		D		Dr. Sadia	10-10-24
		E		Dr.Tariq Furqan	10-10-24
		F		Dr. Minahil Haq	10-10-24
	Lateral Cervical Region- Neurovascular organization	A	Prof Dr. Ayesha Yousaf	Dr.Sara Bano	11-10-24
		B	Dr.Maria Tasleem	Dr.Sadia Anam	11-10-24
		C		Dr.Gaiti Ara	11-10-24
		D		Dr. Sadia	11-10-24
		E		Dr.Tariq Furqan	11-10-24
		F		Dr. Minahil Haq	11-10-24
	Anterior Cervical region I-Anterior triangle of neck	A	Prof Dr. Ayesha Yousaf	Dr.Sara Bano	12-10-24
		B	Dr.Maria Tasleem	Dr.Sadia Anam	12-10-24
		C		Dr.Gaiti Ara	12-10-24
		D		Dr. Sadia	12-10-24
		E		Dr.Tariq Furqan	12-10-24
		F		Dr. Minahil Haq	12-10-24
	Anterior Cervical region II- Vessels of neck	A	Prof Dr. Ayesha Yousaf	Dr.Sara Bano	26-10-24
		B	Dr.Maria Tasleem	Dr.Sadia Anam	26-10-24
		C		Dr.Gaiti Ara	26-10-24
		D		Dr. Sadia	26-10-24

	E		Dr.Tariq Furqan	26-10-24
	F		Dr. Minahil Haq	26-10-24
Nerves of neck	A 11:20-12:10	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	28-10-24
	B		Dr.Sadia Anam	28-10-24
	C		Dr.Gaiti Ara	28-10-24
	D		Dr. Sadia	28-10-24
	E		Dr.Tariq Furqan	28-10-24
	F		Dr. Minahil Haq	28-10-24
Submandibular region	A12:30-2:00	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	28-10-24
	B		Dr.Sadia Anam	28-10-24
	C		Dr.Gaiti Ara	28-10-24
	D		Dr. Sadia	28-10-24
	E		Dr.Tariq Furqan	28-10-24
	F		Dr. Minahil Haq	28-10-24
Deep structures of neck-prevertebral muscles	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	29-10-24
	B		Dr.Sadia Anam	29-10-24
	C		Dr.Gaiti Ara	29-10-24
	D		Dr. Sadia	29-10-24
	E		Dr.Tariq Furqan	29-10-24
	F		Dr. Minahil Haq	29-10-24
Soft palate	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	30-10-24
	B		Dr.Sadia Anam	30-10-24
	C		Dr.Gaiti Ara	30-10-24
	D		Dr. Sadia	30-10-24

		E		Dr.Tariq Furqan	30-10-24
		F		Dr. Minahil Haq	30-10-24
CBL Thyroid & parathyroid	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	31-10-24	
	B		Dr.Sadia Anam	31-10-24	
	C		Dr.Gaiti Ara	31-10-24	
	D		Dr. Sadia	31-10-24	
	E		Dr.Tariq Furqan	31-10-24	
	F		Dr. Minahil Haq	31-10-24	
Larynx and trachea	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	4-11-24	
	B		Dr.Sadia Anam	4-11-24	
	C		Dr.Gaiti Ara	4-11-24	
	D		Dr. Sadia	4-11-24	
	E		Dr.Tariq Furqan	4-11-24	
	F		Dr. Minahil Haq	4-11-24	
pacreas	A	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	5-11-24	
	B		Dr.Sadia Anam	5-11-24	
	C		Dr.Gaiti Ara	5-11-24	
	D		Dr. Sadia	5-11-24	
	E		Dr.Tariq Furqan	5-11-24	
	F		Dr. Minahil Haq	5-11-24	
Adrenal gland revisit	A10:30-12:10	Prof Dr. Ayesha Yousaf Dr.Maria Tasleem	Dr.Sara Bano	6-11-24	
	B		Dr.Sadia Anam	6-11-24	
	C		Dr.Gaiti Ara	6-11-24	
	D		Dr. Sadia	6-11-24	
	E		Dr.Tariq Furqan	6-11-24	

		F		Dr. Minahil Haq	6-11-24
	Alimentary layer pharynx and esophagus.	A12:30-2:00	Prof Dr. Ayesha Yousaf	Dr.Sara Bano	6-11-24
		B	Dr.Maria Tasleem	Dr.Sadia Anam	6-11-24
		C		Dr.Gaiti Ara	6-11-24
		D		Dr. Sadia	6-11-24
		E		Dr.Tariq Furqan	6-11-24
		F		Dr. Minahil Haq	6-11-24
	Dissection	A10:30-2:00	Prof Dr. Ayesha Yousaf	Dr.Sara Bano	7-11-24
		B	Dr.Maria Tasleem	Dr.Sadia Anam	7-11-24
		C		Dr.Gaiti Ara	7-11-24
		D		Dr. Sadia	7-11-24
		E		Dr.Tariq Furqan	7-11-24
		F		Dr. Minahil Haq	7-11-24
	Dissection	A12:30-2:00	Prof Dr. Ayesha Yousaf	Dr.Sara Bano	7-11-24
		B	Dr.Maria Tasleem	Dr.Sadia Anam	7-11-24
		C		Dr.Gaiti Ara	7-11-24
		D		Dr. Sadia	7-11-24
		E		Dr.Tariq Furqan	7-11-24
		F		Dr. Minahil Haq	7-11-24

Practical/Skills Sessions

20.	Endocrinology	Histology of Pituitary Gland	C	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.sadia
			D		Dr.Sadia
			E		Dr.sadia
			B		Dr. Gaiti

			A		Dr. Gaiti
21.		Histology of Thyroid & Parathyroid Gland	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr. Sara bano
			C		Dr. Sara bano
			D		Dr. Sara bano
			E		Dr. Sara bano
			B		Dr. Sara bano
22		Histology of Adrenal Gland & Pancreas	A	Prof Dr. Ayesha Yousaf Dr. Maria Tasleem	Dr.Sadia aman
			C		Dr.Sadia aman
			D		Dr.Sadia aman
			E		Dr.Sadia aman
			B		Dr.Sadia aman

BIOETHICS LECTURE DISTRIBUTION SESSION 2024

Sr.NO.	MODULE	TOPIC (SESSION)	DATE	TEACHER
6.	Endocrinology	History of Medical Ethics		Dr.Arsalan Manzoor Dr. Maria Tasleem



Practical (OSPE and Skills)



Theory (MCQs & SEQs)

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 11-04-2024 11am-12pm	Introduction to Anatomy Department	Introduction and visit of the department	Dr Arsalan Manzoor Mughal
GA2	Wednesday 12-04-2024 10am-11am	Position & Movements	Terms related to position and movements	Dr Sadia Baqir
HP1	Thursday 13-04-2024 11am-12pm	Introduction to Microscope	Introduction to Histology & Microscope	Dr Mohtashim Hina / Dr Zeneera Saqib
GA3	Tuesday 25-04-2024 11am-12pm	GA Skin	Layers of skin Microscopic picture of skin Integuments of skin Glands associated with hair follicle	Dr Urooj Shah
GA4	Wednesday 26-04-2024 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 27-04-2024 11am-12pm	Epithelium 1	Simple Epithelium	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 5	Tuesday 2-05-2024 11am-12pm	GA Cartilage	Cartilage Development of bone and cartilage Microscopic picture of cartilage and bone	Dr Ali Raza
GA 6	Wednesday 3-05-2024 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 4-05-2024 11am-12pm	Epithelium 2	Stratified Epithelium	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 7	Tuesday 9-05-2024 11am-12pm	Structures Related To Muscles & Bones	Tendons Aponeurosis Fasciae Synovial bursae Tendon Synovial sheaths Raphe Ligaments	Dr Urooj Shah

			Condyle Epicondyle Ridge Tuberosity Tubercle Foramen Canal Groove Process	
GA 8	Wednesday 10-05-2024 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 11-05-2024 11am-12pm	Connective tissue	Loose & Dense Connective Tissue	Dr Mohtashim Hina / Dr Zeneara Saqib
GA 9	Tuesday 16-05-2024 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 17-05-2024 10am-11am	GA CVS 2	Heart and its histology Function of the Heart Anastomosis	Dr Sadia Baqir
HP 5	Thursday 18-05-2024 11am-12pm	Cartilage	Hyaline, Elastic & Fibro Cartilage	Dr Mohtashim Hina / Dr Zeneara Saqib
GA11	Tuesday 23-05-2024 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 24-05-2024 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 25-05-2024 11am-12pm	Bone	Compact & Spongy Bone	Dr Mohtashim Hina / Dr Zeneera Saqib
GA13	Tuesday 30-05-2024 11am-12pm	Written Test GA	MCQ format	Dr Arsalan Manzoor Mughal
GA14	Wednesday 31-05-2024 10am-11am	Viva GA	All content covered	All Faculty
HP 6	Thursday 01-06-2024 11am-12pm	Histology Practical Test	All content covered	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 7	Tuesday 16-05-2024 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 17-05-2024 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 18-05-2024 11am-12pm	Connective tissue	Loose & Dense Connective Tissue	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 9	Tuesday 30-05-2024 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 31-05-2024 10am-11am	GA CVS 2	Heart and its histology Function of the Heart Anastomosis	Dr Sadia Baqir
HP 5	Thursday 1-06-2024 11am-12pm	Cartilage	Hyaline, Elastic & Fibro Cartilage	Dr Mohtashim Hina / Dr Zeneera Saqib
GA11	Tuesday 6-06-2024 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: Foramen sutures) Shape and regions of vertebral column Important features of the regional vertebrae	Dr Urooj Shah
GA12	Wednesday 7-06-2024 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	Dr Qurrat Ul Alin

			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	
HP 6	Thursday 8-06-2024 11am-12pm	Bone	Compact & Spongy Bone	Dr Mohtashim Hina / Dr Zeneera Saqib
GA13	Tuesday 13-06-2024 11am-12pm	Written Test GA	MCQ format	Dr Arsalan Manzoor Mughal
GA14	Wednesday 14-06-2024 10am-11am	Viva GA	All content covered	All Faculty
HP 6	Thursday 15-06-2024 11am-12pm	Histology Practical Test	All content covered	Dr Mohtashim Hina / Dr Zeneera Saqib
GA 15	Tuesday 25-07-2024 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 26-07-2024 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 01-08-2024 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 02-08-2024 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 03-08-2024 11am-12pm	Histology Muscle Tissue	Skeletal, Cardiac & Smooth Muscles	Dr Mohtashim Hina / Dr Zeneera Saqib

GA19	Tuesday 8-08-2024 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 9-08-2024 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 10-08-2024 11am-12pm	Histology Nervous Tissue	Spinal Cord, Cerebrum, Cerebellum	Dr Mohtashim Hina / Dr Zeneara Saqib
GA21	Tuesday 15-08-2024 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 16-08-2024 10am-11am	CA Test 2	GA MCQ Test	Dr Sadia Baqir
HP 9	Thursday 17-08-2024 11am-12pm	Histology Blood Vessels	Artery & Vein	Dr Mohtashim Hina / Dr Zeneara Saqib
HP 10	Thursday 24-08-2024 11am-12pm	Histology Skin and appendages	Thick & Thin Skin	Dr Zeneara Saqib
UL01	Tuesday 29-08-2024 11am-12pm	Upper Limb 1	Breasts	Dr Urooj Shah
UL02	Wednesday 30-08-2024 10am-11am	Upper Limb 2	Bones of Shoulder	Dr Qurrat Ul Alin
HP 11	Thursday 31-08-2024 11am-12pm	Histology Lymphatic organs 1	Thymus, Spleen	Dr Ali Raza
UL03	Tuesday 5-09-2024 11am-12pm	Upper Limb 3	Axilla	Dr Sadia Baqir
HP 12	Thursday 7-09-2024 11am-12pm	Histology Lymphatic organs 2	Lymph Node & Tonsil	Dr Zeneara Saqib
UL04	Tuesday 12-09-2024 11am-12pm	Upper Limb 4	Brachial Plexus	Dr Urooj Shah
UL05	Wednesday 13-09-2024 10am-11am	Upper Limb 5	Humerus and Joints of Shoulder	Dr Qurrat Ul Alin

HP 13	Thursday 14-09-2024 11am-12pm	Histology Practical Revision	Histology Muscle Tissue, Histology Nervous Tissue ,Blood Vessels . Skin and appendages, Lymphatic organs,	Dr Zeneera Saqib
UL06	Tuesday 19-09-2024 11am-12pm	Upper Limb 6	Anterior Compartment of Arm	Dr Ali Raza
UL07	Wednesday 20-09-2024 10am-11am	Upper Limb 7	Posterior Compartment of arm	Dr Sadia Baqir
HP14	Thursday 21-08-2024 11am-12pm	Histology Practical Test	Histology Muscle Tissue, Histology Nervous Tissue ,Blood Vessels . Skin and appendages, Lymphatic organs,	Dr Zeneera Saqib
UL00	Tuesday 26-09-2024 11am-12pm	Upper Limb 8	Cubital Fossa	Dr Urooj Shah
UL9	Thursday 28-08-2024 11am-12pm	Upper Limb Assessment 1	Viva	All Faculty
UL10	Tuesday 3-10-2024 11am-12pm	Upper Limb 9	Bones and Joints of Arm	Dr Qurrat Ul Alin
UL11	Wednesday 4-10-2024 10am-11am	Upper Limb 10	Anterior Compartment of Forearm	Dr Ali Raza
UL12	Thursday 5-10-2024 11am-12pm	Upper Limb 11	Posterior Compartment of Forearm	Dr Sadia Baqir
UL13	Tuesday 10-10-2024 11am-12pm	Upper Limb 12	Wrist and retinacula	Dr Urooj Shah
UL14	Wednesday 11-10-2024 10am-11am	Upper Limb 13	Muscles of Palm of Hand	Dr Qurrat Ul Alin
UL15	Thursday 12-10-2024 11am-12pm	Upper Limb 14	Nerves of Hand	Dr Ali Raza
UL16	Tuesday 17-10-2024 11am-12pm	Upper Limb 15	Vasculature of Hand	Dr Sadia Baqir
UL17	Wednesday 18-10-2024 10am-11am	Upper Limb 16	Radiographic Anatomy of Upper limb	Dr Urooj Shah
UL18	Thursday 19-10-2024 11am-12pm	Revision	Revision	-
UL18	Tuesday 24-10-2024 11am-12pm	Upper Limb Assessment 2	Viva	All Faculty

2nd Year Allied Health Sciences

Teaching Schedule

Date of Commencement: 21-02-2024

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 21-2-2024 10am-12pm	Introduction & Overview	General Organization of Thorax	Dr. Tariq Furqan
TH2	Thursday 23-02-2024 10am-12pm	Thoracic Wall 1	Typical Ribs, Typical Vertebrae, Thoracic Cage, Inlet, Outlet	Dr. Tariq Furqan
TH3	Friday 24-02-2024 11am-12pm	Thoracic Wall 2	Intercostal Space, Muscles, nerves, Vessels	Dr. Tariq Furqan
TH4	Tuesday 28-2-2024 10am-12pm	Thoracic Wall 3 Thoracic Viscera 1	Diaphragm Mediastinum	Dr. Tariq Furqan
TH5	Thursday 2-03-2024 10am-12pm	Thoracic Viscera 2	Trachea, Bronchi & Lungs	Dr. Tariq Furqan
TH6	Friday 3-03-2024 11am-12pm	Thoracic Viscera 3	Pericardium & Heart (External features)	Dr. Tariq Furqan
TH7	Tuesday 7-3-2024 10am-12pm	Thoracic Viscera 4	Heart (internal features)	Dr. Tariq Furqan
TH8	Thursday 9-03-2024 10am-12pm	Thoracic Viscera 5	Arterial, Venous drainage & Nerve Supply of Heart	Dr. Tariq Furqan
TH9	Friday 10-03-2024 11am-12pm	Thoracic Viscera 6	Arteries, Veins of Thorax	Dr. Tariq Furqan
TH10	Tuesday 14-3-2024 10am-12pm	Thoracic Viscera 7	Nerves & Lymph nodes of the thorax	Dr. Tariq Furqan
TH11	Thursday 16-03-2024 10am-12pm	Thoracic Viscera 8	Surface Marking & Imaging of Thorax	Dr. Tariq Furqan
TH12	Friday 17-03-2024 11am-12pm	Thoracic Viscera 9	Dissection & Spotting	Dr. Tariq Furqan
TH13	Friday 24-3-2024 11am-12pm	Thorax Viva	Entire Region	All Faculty
Module 2- Abdomen				
AB1	Tuesday 21-3-2024 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

	28-3-2024 10am-12pm			
AB3	Thursday 30-3-2024 10am-12pm	Abdominal Wall 3	Posterior Abdominal Wall & Fascias	Dr. Tariq Furqan
AB4	Friday 31-3-2024 11am-12pm	Abdominal Viscera 1	Peritoneum	Dr. Tariq Furqan
AB5	Tuesday 4-4-2024 10am-12pm	Abdominal Viscera 2	Esophagus & Stomach	Dr. Tariq Furqan
AB6	Thursday 6-4-2024 10am-12pm	Abdominal Viscera 3	Small & Large Intestines	Dr. Tariq Furqan
AB7	Thursday 27-4-2024 10am-12pm	Abdominal Viscera 4	Liver & Bile Duct	Dr. Tariq Furqan
AB8	Friday 28-4-2024 11am-12pm	Abdominal Viscera 5	Pancreas, Spleen & Suprarenal gland	Dr. Tariq Furqan
AB9	Tuesday 2-5-2024 10am-12pm	Abdominal Viscera 6	Arteries of Abdomen	Dr. Tariq Furqan
AB10	Thursday 4-5-2024 11am-12pm	Abdominal Viscera 7	Veins of Abdomen & Portal System	Dr. Tariq Furqan
AB11	Friday 5-5-2024 11am-12pm	Abdominal Viscera 8	Nerves (With lumbar plexus) and Lymphatics	Dr. Tariq Furqan
AB12	Tuesday 9-5-2024 10am-12pm	Dissection	Dissection	Dr. Tariq Furqan
AB13	Thursday 11-5-2024 11am-12pm	Viva	Viva Abdomen region	All Faculty
Module 3- Pelvis				
Topic Code	Day/Date/Time	Topic	Content Areas	Instructor
AB13	Tuesday 16-5-2024 10am-12pm	Pelvic Walls 1	Bony Pelvis & Sex differences	Dr. Tariq Furqan
AB14	Thursday 18-5-2024 11am-12pm	Pelvic Walls 2	Pelvic Walls, Fascia & Peritoneum	Dr. Tariq Furqan
AB15	Friday 19-5-2024 11am-12pm	Pelvic Walls 3	Nerves and Arteries of Pelvis	Dr. Tariq Furqan
AB16	Tuesday 30-5-2024 10am-12pm	Pelvic Walls 4	Veins & Joints of Pelvis	Dr. Tariq Furqan
AB17	Thursday 1-6-2024 11am-12pm	Pelvic Cavity 1	Colon & Rectum	Dr. Tariq Furqan
AB18	Friday 2-6-2024 11am-12pm	Pelvic Cavity 2	Ureter & Urinary Bladder (Male & Female)	Dr. Tariq Furqan

AB19	Tuesday 6-6-2024 10am-12pm	Pelvic Cavity 3	Female Genital Organs	Dr. Tariq Furqan
AB20	Thursday 8-6-2024 11am-12pm	Pelvic Cavity 4	Surface Marking & Imaging of Pelvis	Dr. Tariq Furqan
AB21	Friday 9-6-2024 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 13-6-2024 10am-12pm	Head, Neck, Neuroanatomy 1	Skull Anterior, Posterir, lateral & Superior Views	Dr. Tariq Furqan
HN2	Thursday 15-6-2024 10am-12pm	Head, Neck, Neuroanatomy 2	Skull Inferior View, Vault and Base	Dr. Tariq Furqan
HN3	Friday 16-6-2024 11am-12pm	Head, Neck, Neuroanatomy 3	Cerebrum	Dr. Tariq Furqan
HN4	Tuesday 20-6-2024 10am-12pm	Head, Neck, Neuroanatomy 4	Diencephalon & Midbrain	Dr. Tariq Furqan
HN5	Thursday 22-6-2024 10am-12pm	Head, Neck, Neuroanatomy 5	Hindbrain	Dr. Tariq Furqan
HN6	Friday 23-6-2024 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 25-6-2024 10am-12pm	Head, Neck, Neuroanatomy 1	Spinal Cord 1	Dr. Tariq Furqan
HN8	Tuesday 01-7-2024 10am-12pm	Head, Neck, Neuroanatomy 2	Spinal Cord 2	Dr. Tariq Furqan
HN9	Thursday 03-7-2024 10am-12pm	Head, Neck, Neuroanatomy 3	Brain Stem 1	Dr. Tariq Furqan
HN10	Friday 04-7-2024 11am-12pm	Head, Neck, Neuroanatomy 4	Brain Stem 2	Dr. Tariq Furqan
HN 11	Tuesday 08-7-2024 10am-12pm	Head, Neck, Neuroanatomy 5	Cerebellum	Dr. Tariq Furqan
HN 12	Thursday 10-7-2024 10am-12pm	Head, Neck, Neuroanatomy 6	Diencephalon 1	Dr. Tariq Furqan
HN13	Friday 11-7-2024 11am-12pm	Head, Neck, Neuroanatomy 7	Diencephalon 2	Dr. Tariq Furqan

HN12	Tuesday 15-7-2024 10am-12pm	Head, Neck, Neuroanatomy 8	Cerebrum 1	Dr. Tariq Furqan
HN13	Thursday 17-7-2024 10am-12pm	Head, Neck, Neuroanatomy 9	Cerebrum 2	Dr. Tariq Furqan
HN14	Friday 18-7-2024 11am-12pm	Head, Neck, Neuroanatomy 10	Cerebrum 3	Dr. Tariq Furqan
HN15	Tuesday 22-7-2024 10am-12pm	Head, Neck, Neuroanatomy 11	Descending tracts	Dr. Tariq Furqan
HN16	Thursday 24-7-2024 10am-12pm	Head, Neck, Neuroanatomy 12	Ascending Tracts	Dr. Tariq Furqan
HN17	Friday 25-7-2024 11am-12pm	Head, Neck, Neuroanatomy 13	Cranial Nerves 1	Dr. Tariq Furqan
HN18	Tuesday 29-7-2024 10am-12pm	Head, Neck, Neuroanatomy 14	Cranial Nerves 2	Dr. Tariq Furqan
HN19	Thursday 31-7-2024 10am-12pm	Head, Neck, Neuroanatomy 15	Cranial Nerves 3	Dr. Tariq Furqan
HN20	Friday 1-8-2024 11am-12pm	Head, Neck, Neuroanatomy 16	Autonomic Nervous System	Dr. Tariq Furqan
HN21	Tuesday 5-8-2024 10am-12pm	Head, Neck, Neuroanatomy 17	Blood Supply and Ventricular System	Dr. Tariq Furqan
HN22	Thursday 7-7-2024 10am-12pm	Head, Neck, Neuroanatomy 18	Models & Specimens 1	Dr. Tariq Furqan
HN23	Friday 8-8-2024 11am-12pm	Head, Neck, Neuroanatomy 19	Models & Specimens 2	Dr. Tariq Furqan
HN24	Tuesday 12-8-2024 10am-12pm	Viva		All Faculty

Module 4- Embryology (DPT Only)				
Topic Code	Day/Date/Time	Topic	Content Areas	Instructor
E01	Tuesday 26-9-2024 10am-12pm	Embryology 1	Reproductive Organs & Gametogenesis	Dr Ayesha Yousaf Professor & Head of Department Dr Manahil Haq Senior Demonstrator
E02	Thursday 28-9-2024 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	Embryology 3	2 nd Week of Development	Dr Ayesha Yousaf

	29-9-2024 11am-12pm			Professor & Head of Department Dr Manahil Haq Senior Demonstrator
E04	Tuesday 3-10-2024 10am-12pm	Embryology 4	3 rd Week of Development	Dr Saima Naz Professor of Anatomy
E05	Thursday 5-10-2024 10am-12pm	Embryology 5	Placenta & Fetal Membranes	Dr Saima Naz Professor of Anatomy
E00	Friday 6-10-2024 11am-12pm	Self-Study	Self Study	Self Study
E06	Tuesday 10-10-2024 10am-12pm	Embryology 6	Development of Musculoskeletal System-1	Dr Mohtashim Hina Associate Professor of Anatomy
E07	Thursday 12-10-2024 10am-12pm	Embryology 7	Development of Musculoskeletal System-2	Dr Mohtashim Hina Associate Professor of Anatomy
E08	Friday 13-10-2024 11am-12pm	Embryology 8	Development of Cardiovascular System-1	Dr Arsalan Manzoor Mughal Assistant Professor of Anatomy
E09	Tuesday 17-10-2024 10am-12pm	Embryology 9	Development of Cardiovascular System-2	Dr Arsalan Manzoor Mughal Assistant Professor of Anatomy
E10	Thursday 19-10-2024 10am-12pm	Embryology 10	Development of CNS-1	Dr Maria Tasleem Assistant Professor of Anatomy
E11	Friday 20-10-2024 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 16-9-2024 11am-12pm	Anatomy of the Skull & Orbit	Dr. Tariq Furqan
OP2-2	Monday 18-9-2024 11am-12pm	Meninges and Dural Venous Sinuses Arterial Supply of Brain	Dr. Tariq Furqan
OP2-3	Tuesday 19-9-2024 11am-12pm	Parts of the Brain- Cerebrum, diencephalon, midbrain, hindbrain Anatomy of the Visual Cortex and cortical areas	Dr. Tariq Furqan
OP2-4	Saturday 23-9-2024 11am-12pm	Anatomy of the Eye Lid Anatomy of the Lacrimal Apparatus Anatomy of the Limbus and Conjunctiva	Dr. Tariq Furqan
OP2-5	Monday 25-9-2024 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 26-9-2024 11am-12pm	Anatomy of the Lens & Vitreous Anatomy of the Anterior Chamber Anatomy of the Uveal Tract Anatomy of the Choroid	Dr. Tariq Furqan
OP2-7	Saturday 30-9-2024 11am-12pm	Anatomy of the Retina Anatomy of the Optic Nerve Anatomy of the Visual Pathway	Dr. Tariq Furqan
OP2-8	Monday 2-10-2024 11am-12pm	Anatomy of Cranial Nerves (I – VII)	Dr. Tariq Furqan
OP2-9	Tuesday 3-10-2024 11am-12pm	Prep Leave	Dr. Tariq Furqan
OP2-10	Saturday 7-10-2024 11am-12pm	Viva	Dr. Tariq Furqan

Diploma in Medical Jurisprudence

Teaching Schedule

Date of Commencement: 01-08-2024

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

S No	Date and Time	Day	Topic	Facilitator
1	4-09-2024 9am-10am	Monday	General Osteology	Dr Arsalan Manzoor Mughal Assistant Professor of Anatomy, Co-Director MHPE, Managing Editor JPMC
2	5-09-2024 9am-10am	Tuesday	Embryology- Gametogenesis & Fertilization	Prof Dr Ayesha Yousaf Professor and Head of Department Anatomy
3	6-09-2024 9am-10am	Wednesday	Embryology- Embryonic Period	Dr Maria Tasleem Assistant Professor Anatomy
4	11-09-2024 9am-10am	Monday	Self Study	Self Study
5	12-09-2024 9am-10am	Tuesday	Embryology- Fetal Age Estimation	Dr Ifra Saeed Professor of Anatomy and Additional Director DME
6	13-09-2024 9am-10am	Wednesday	Axial Skeleton (Skull & Mandible)	Dr Tariq Furqan Senior Instructor, Anatomy
7	18-09-2024 9am-10am	Monday	Axial Skeleton (Vertebrae & Thoracic Cage) Appendicular Skeleton (Pelvis & Shoulder Girdle)	Dr Tariq Furqan Senior Instructor, Anatomy
8	19-09-2024 9am-10am	Tuesday	Embryology- Fetal Membranes and Teratology	Dr Saima Naz Professor of Anatomy
9	20-09-2024 9am-10am	Wednesday	Gross of Major Organ Systems- Heart	Dr Tariq Furqan Senior Instructor, Anatomy
10	25-09-2024 9am-10am	Monday	Gross of Major Organ Systems- Lungs & Diaphragm	Dr Tariq Furqan Senior Instructor, Anatomy
11	26-09-2024 9am-10am	Tuesday	Gross of Major Organ Systems- Liver and Portal system	Dr Tariq Furqan Senior Instructor, Anatomy
12	27-09-2024 9am-10am	Wednesday	Gross of Major Organ Systems- Brain and its blood supply	Dr Tariq Furqan Senior Instructor, Anatomy



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 Marks)

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 (45 Marks)

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)

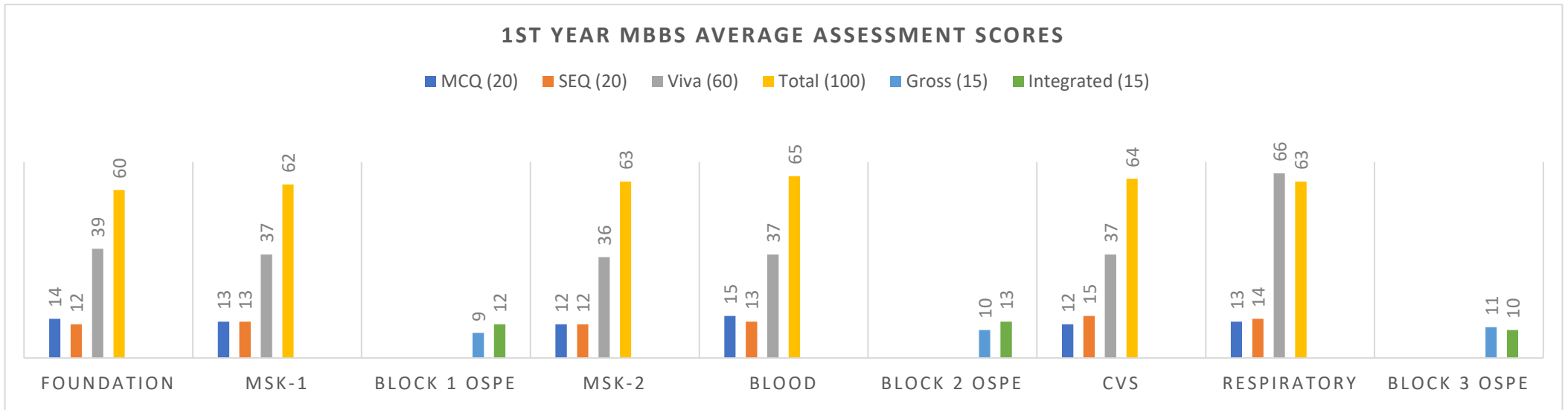
Table 1: Table of Specification (TOS) of Endocrinology Module MCQs Paper In Context with Level of Cognition & Integration (20 Marks)

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

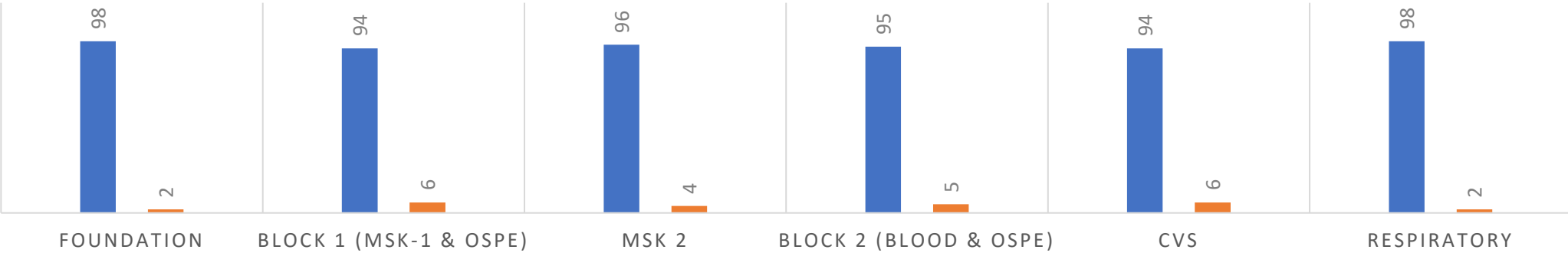
1.	Core Concepts	66%
2.	Horizontal integration	6.7 %
3.	Vertical integration	13.5 %
4.	Bio-Ethics+ Family Med+ Research+ Artificial Intelligence	13.5 %

Anatomy Assessment Scores



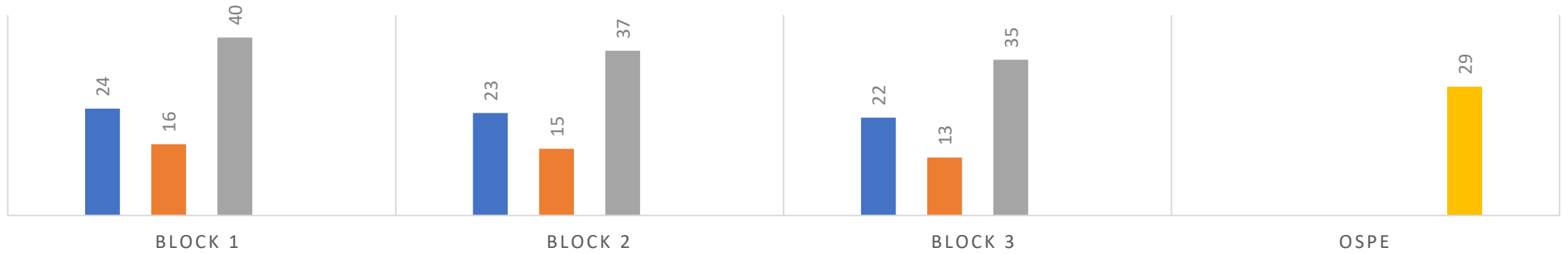
1ST YEAR MBBS PASS FAIL PERCENTAGE

Pass Percentage Fail Percentage



1ST YEAR MBBS SENDUP SCORES

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





Evaluation Meetings



Student Counselling

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
3.	Research	Vertical integration	C3	15
	Clinical			5,12,14,17,18

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;Q
			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
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 & Integr

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 & Integr

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%

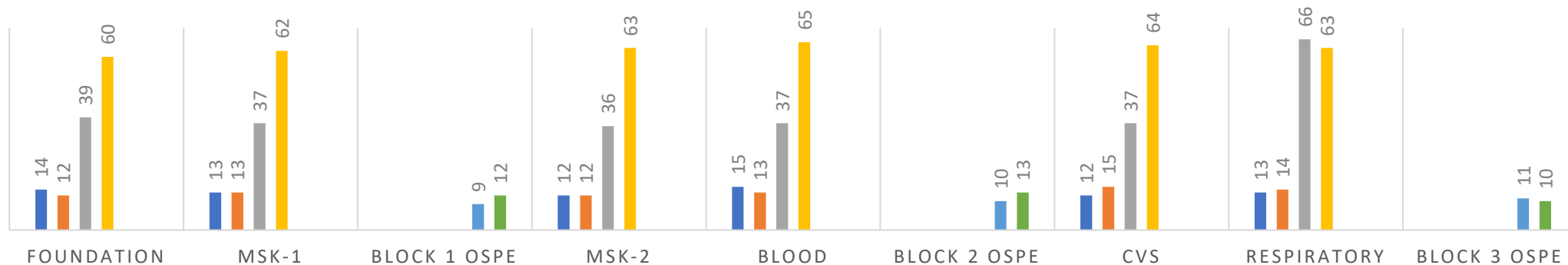
Table 2: Percentage Distribution of Various Cognitive Domains for MCQ Paper

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

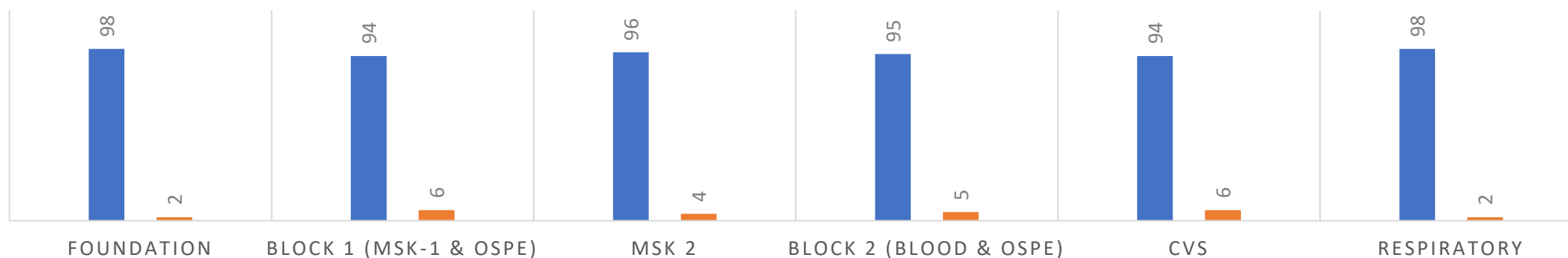
1ST YEAR MBBS AVERAGE ASSESSMENT SCORES

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



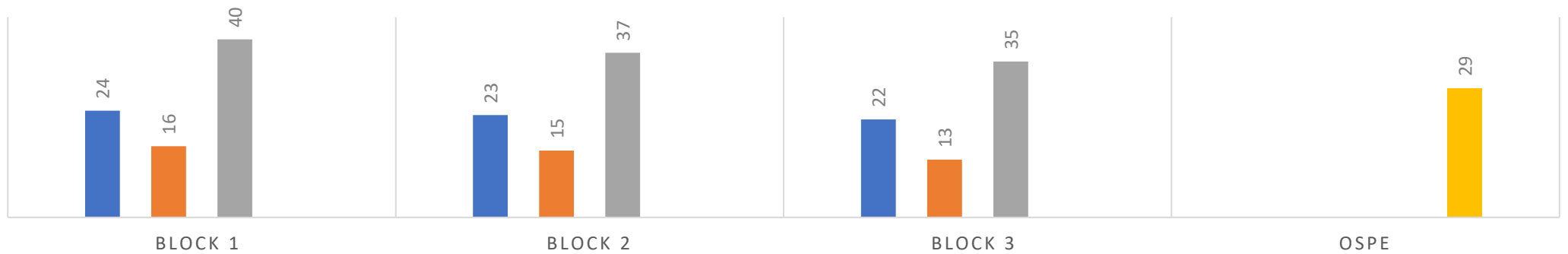
1ST YEAR MBBS PASS FAIL PERCENTAGE

■ Pass Percentage ■ Fail Percentage



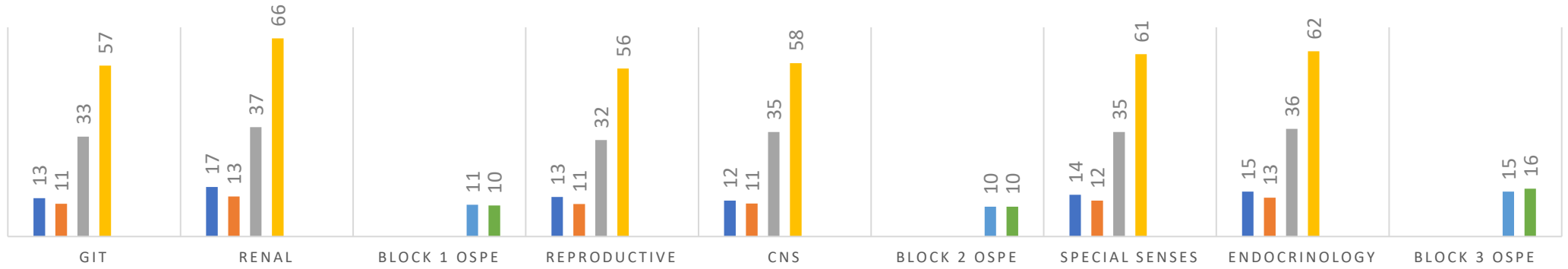
1ST YEAR MBBS SENDUP SCORES

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



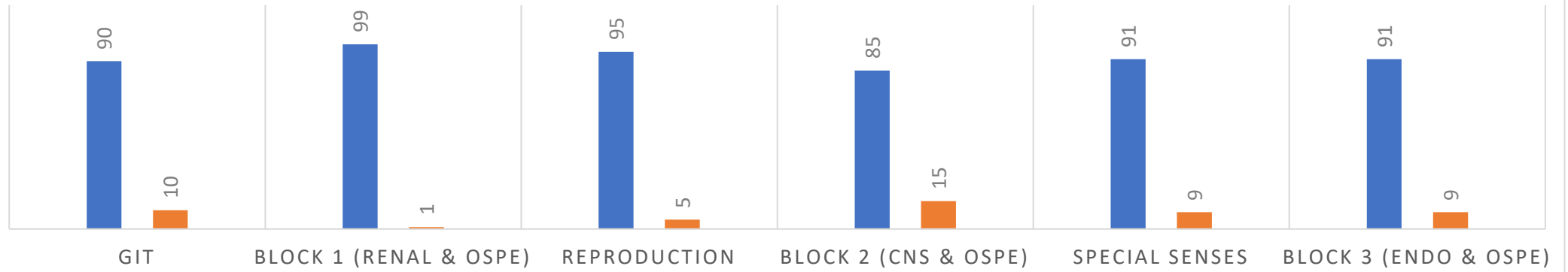
2ND YEAR MBBS AVERAGE ASSESSMENT SCORES

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



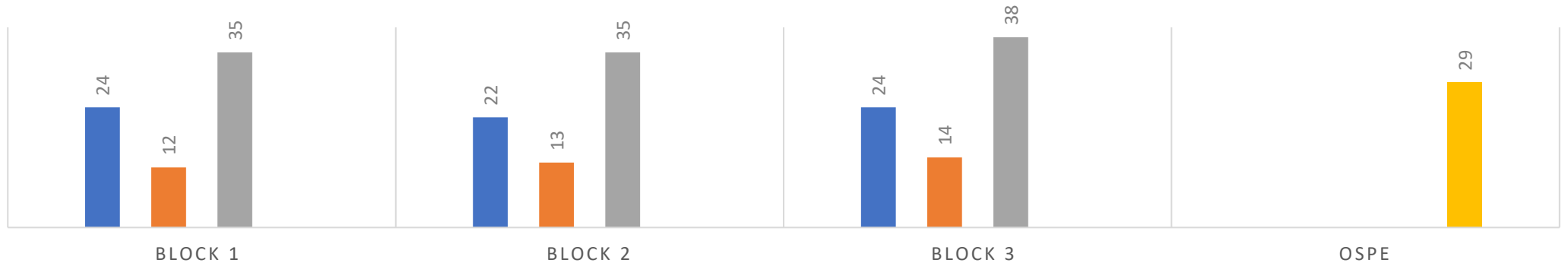
2ND YEAR MBBS PASS FAIL PERCENTAGE

■ Pass Percentage ■ Fail Percentage



2ND YEAR MBBS SENDUP SCORES

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





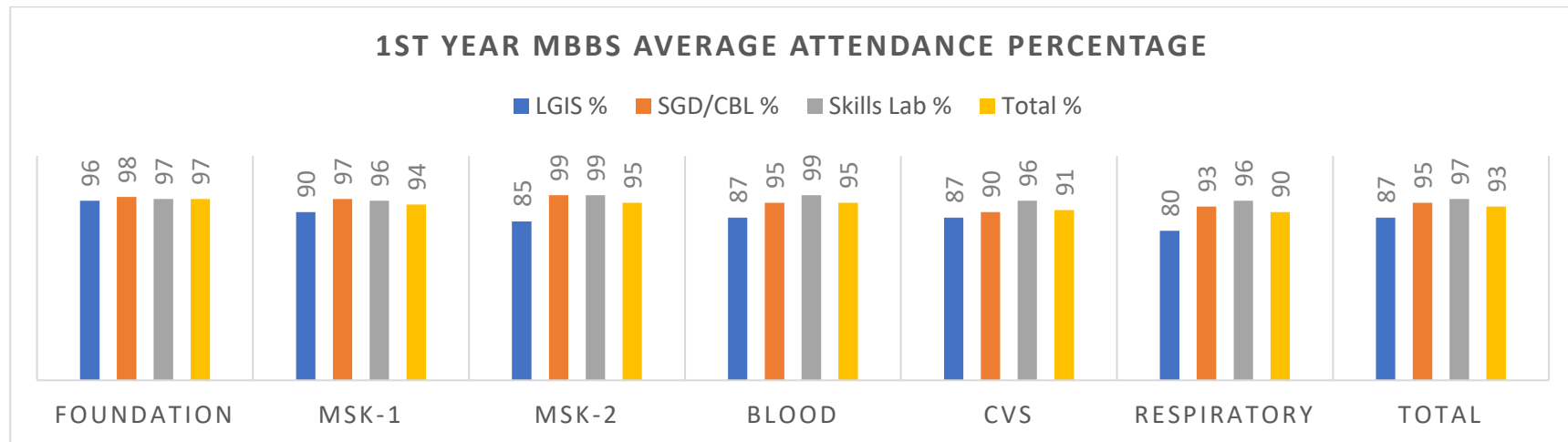
Evaluation Meetings

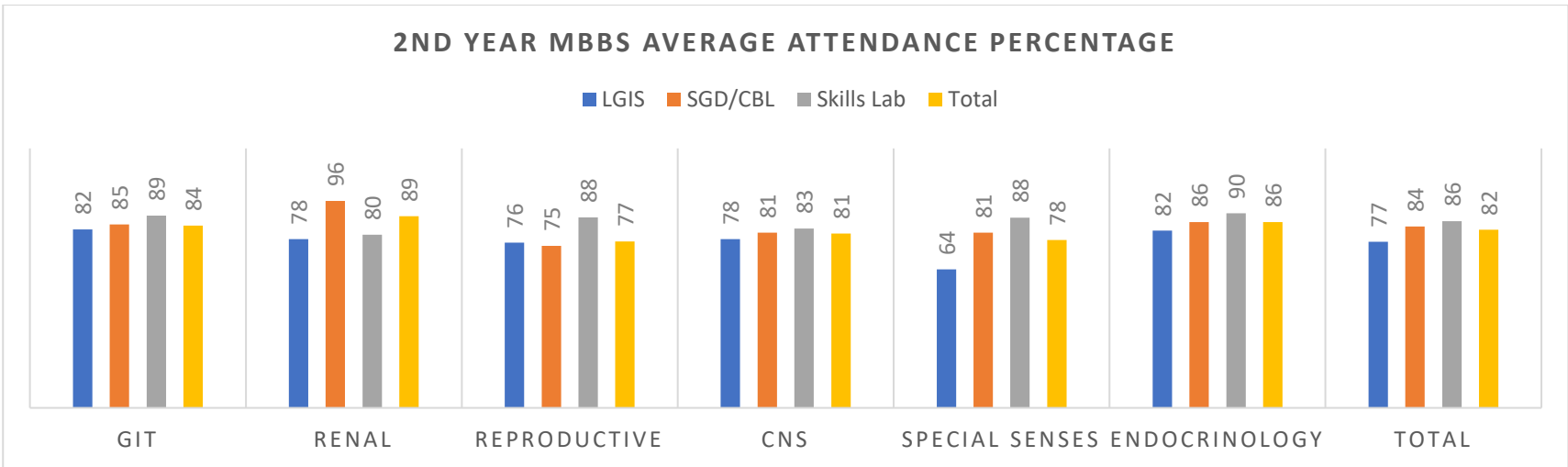
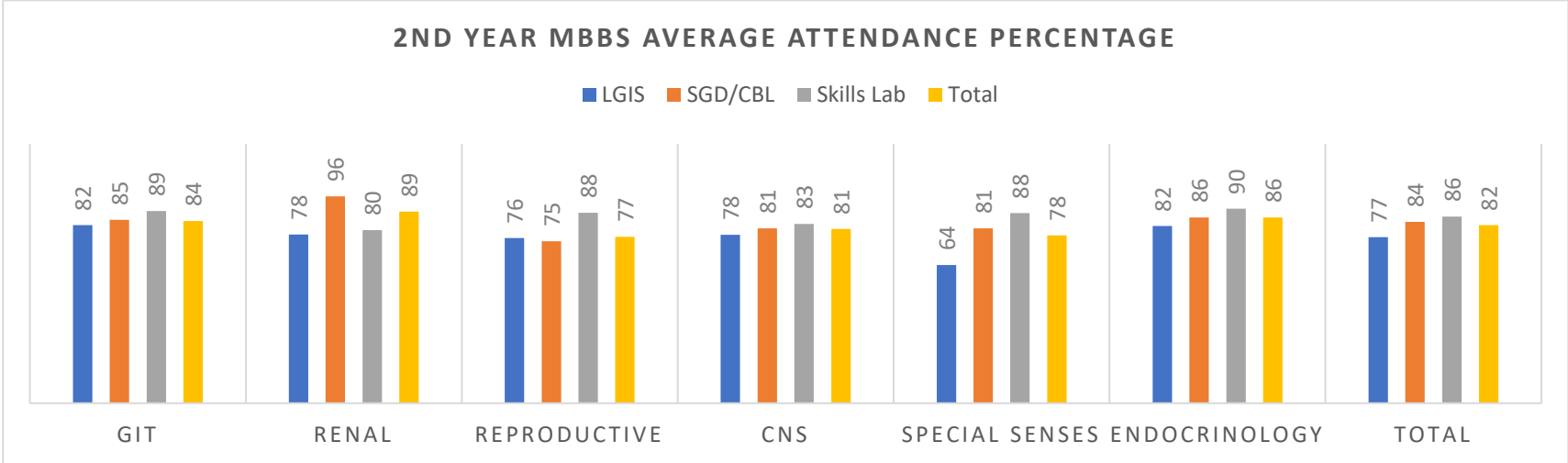


Student Counselling

Evaluations

Student Attendance





Student Counseling



RAWALPINDI MEDICAL UNIVERSITY, RWP
DEPARTMENT OF ANATOMY
Ineligibility List for Block-III
1st Year MBBS (Batch-51)



S No.	Roll No.	Students Name	CVS Total Total Agg%	Respiration Total Agg%	Block-III Total Agg%
1	40	MISS AREESHA MURTAZA	58	71	65
2	43	MISS ARUBA ZAFAR	75	58	67
3	121	MIR ABDUL BASIT	83	63	73
4	250	MISS SYEDA IRZA FATIMA	92	38	65
5	306	MIR MUHAMMAD SHAHARYAR FAROOQ	88	38	63
6	358	Mr. Muhammad Zain Noor	46	25	35

Dr. Ayesha Yousaf
Head / Prof. of Anatomy
Dean Basic Sciences
Rawalpindi Medical University
Rawalpindi



DEPARTMENT OF ANATOMY, RAWALPINDI MEDICAL UNIVERSITY, RWP
Block-III Attendance (Special Senses & Endocrinology Module)
2nd Year MBBS (Batch 50)
Ineligible Student Block-III



Roll No.	Students Name	Special Senses Total Agg%	Endocrinology Total Agg%	Block-III Agg%
351	Ahmer Aftab		46	23
384 R	Mudasir	72	73	73

Dr. Ayesha Yousaf
Head / Prof. of Anatomy
Dean Basic Sciences
Rawalpindi Medical University
Rawalpindi

MPhil Anatomy

Program Planner



RAWALPINDI MEDICAL UNIVERSITY
DEPARTMENT OF ANATOMY
MPhil Anatomy Program (ANA-700)
Program Planner 2024-2026



Topics	Credit Hours
1st Semester	
Semester 1 (First Half)	08 weeks (Week 01-Week 08)
General Anatomy (ANA-701)	1
Developmental Anatomy (General) (ANA-702)	1
Gross Anatomy (Thorax) (ANA-705)	1.5+0.5
Mid-Semester Exam (Week 9)	
Semester 1 (Second Half)	08 weeks (Week 10-Week 17)
Microscopic Anatomy (General) (ANA-708)	1 + 1
Gross Anatomy (Upper Limb & Lower Limb) (ANA-704)	1.5+0.5
2nd Semester	
Semester 2 (First Half)	08 weeks (Week 22-Week 29)
Gross Anatomy (Abdomen & Pelvis) (ANA-706)	1.5+0.5
Microscopic Anatomy (Special) (ANA-709)	1+1
Laboratory Techniques (MIC-702)	0.5+0.5
Mid-semester exam (Week 30)	

Semester 2 (Second half)	8 weeks (Week 31-Week 38)
Gross Anatomy Head & Neck (ANA-707)	1.5+0.5
Developmental Anatomy Special (ANA-703)	1
Biostatistics and Research Methodology (BSR-701)	1
Computer Skills (CSB-701)	1
Medical Education (BWE-701)	1
Biomedical Ethics (BWE-701)	1
Exam Prep (Week 39): Final Semester exam (Week 40 and 41)	
Semester break (Week 42)	
Synopsis writing and approval from ERB/BASAR and procurement of items	
3rd Semester	
Semester 3 (First Half)	08 weeks (Week 43-Week 50)
Neuroanatomy (ANA-710)	1.5+0.5
Histopathology (ANA-712)	0.5+0.5
Molecular Biology (BMB-701)	2
3rd Semester (2nd Half) and 4th Semester	
Semester 3 (Second Half) and Semester 4 till Sep 2026	Can finalize synopsis and start research earlier as well
Research and thesis writing, submission and Defense	6

Total Credit Hours:

- Course work: 26 Credit Hours
- Research Work: 6 Credit Hours

RMU MPhil Programs: Year 2024-25

Academic Calendar 2024-25: MPhil Batch 01

Activity		Dates
FIRST SEMESTER		
Duration of Semester		20 weeks (16.09.2024 to 01.02.2025)
Starting of new session		16 Sep 2024 (Monday)
Course work 08-10 Credit Hours (Weeks 1-8)		Sep 16 - Nov 09, 2024
Mid-Semester Exam (Week 9)		Nov 11 – Nov 16, 2024
Course work 08-10 Credit Hours (Weeks 10-17)		Nov 18, 2024 – Jan 11, 2025
Pre exams self-study (Week 18)		Jan 12 – Jan 19, 2025
Final Semester Exam (Weeks 19-20)	Theory papers	Jan 20 – Jan 25, 2025
	Practical/ Viva Voce	Jan 27 – Feb 01, 2025
Semester Break (Week 21)		Feb 03 – Feb 08, 2025
Research in 1st Semester		Finalization of Research Topic and Approval from ARSC
SECOND SEMESTER		
Duration of Semester		20 weeks (10.02.2025 to 28.06.2025)
Starting of Semester		Feb 10, 2025
Course work 08-10 Credit Hours (Weeks 22-29)		Feb 10 – Apr, 05, 2025
Mid-Semester Exam (Week 30)		Apr 07 – Apr 12, 2025
Course work 08-10 Credit Hours (Weeks 31-38)		Apr 14 – Jun 07, 2025
Pre exams self-study (Week 39)		Jun 09-15, 2025
Final Semester Exam (Week 40-41)	Theory papers	Jun 16-21, 2025
	Practical/ Viva Voce	Jun 22-28, 2025
Research in 2nd Semester		Synopsis Writing and Approval from ERB & BASAR



Timetables

Department of Anatomy

Rawalpindi Medical University

Mphil (Batch 1) Semester 1 Timetable

Week 1

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 10:00 AM	10:30am-11:30am	11:30am-12:30pm	12:30pm – 2:00pm
Monday 16-09-2024	Demonstration Mediastinum (General Features & Divisions) Assoc Prof Dr Mohtashim Hina	Introduction to the Department and Mphil program Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal	Embryology Aortic Arches and derivatives Assoc Prof. Dr. Arsalan	General Anatomy (GNT-701) Anatomicomedical terminologies I (planes & position, anatomical terms and axis of movements) Prof Ayesha Yousaf	Histology Lab Elastic Arteries Asst Prof Dr Maria Tasleem
Tuesday 17-09-2024	Eid Milad Un Nabi Holoday				
Wednesday 18-09-2024	CPC	Demonstration Thoracic Wall / Thoracic Vertebra Assoc Prof Dr Mohtashim Hina	General Anatomy Anatomicomedical terminologies II (Cell and tissues) Prof Ifra Saeed	General Anatomy Anatomicomedical terminologies III (Cell and tissues) Dr Mohtashim Hina	Histology Lab Elastic Arteries Asst Prof Dr Maria Tasleem
Thursday 19-09-2024	Demonstration Pericardium / Cardiac tamponade Assoc Prof Dr Mohtashim Hina	General Anatomy Anatomicomedical terminologies IV (Skin & Body system) Dr Arsalan Manzoor Mughal	Radiology Chest radiograph with perspective of cardiovascular system Dr Aniqua/ Dr. Fiza	General Anatomy Skin & Fascia Prof Ayesha Yousaf	Histology Lab Elastic Arteries Asst Prof Dr Maria Tasleem
Friday 20-09-2024	Journal Club Meeting		General Anatomy Bone-I Prof Ifra Saeed	Dissection Assoc Prof Dr Mohtashim Hina	Histology Lab Elastic Arteries Asst Prof Dr Maria Tasleem
Saturday 21-09-2024	Demonstration Heart (External Features) Assoc Prof Dr Mohtashim Hina	General Anatomy Bone-II Dr Mohtashim Hina	General Anatomy Classification of vessels Assoc Prof. Dr. Mohtasham	General Anatomy Joints-I Dr Arsalan Manzoor Mughal	Histology Lab Elastic Arteries Asst Prof Dr Maria Tasleem
Supervised by Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal					



Department of Anatomy
Rawalpindi Medical University
Mphil (Batch 1) Semester 1 Timetable
Week 2

Thorax with relevant Embryology & Histology

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 10:20 AM	10:20am-11:20am	11:20am-12:30pm	12:30pm – 2:00pm
Monday 23-09-2024	Demonstration Heart (Clinical Correlations of Heart) Assoc Prof Dr Mohtashim Hina	Previous week assessment	Embryology Formation, Position and Partitioning of heart tube Assoc Prof. Dr. Arsalan	General Anatomy Joints-II Prof Dr. Ayesha Yousaf	Histology Lab Medium & Small Sized Arteries Asst Prof Dr Maria Tasleem
Tuesday 24-09-24	Demonstration Heart (Internal Features) Assoc Prof Dr Mohtashim Hina	General Anatomy Cartilage Prof Ifra Saeed	Digital Librabry Study	General Anatomy Muscls-I Dr Mohtashim Hina	Histology Lab Medium & Small Sized Arteries Asst Prof Dr Maria Tasleem
Wednesday 25-09-24	CPC	Dissection Assoc Prof Dr Mohtashim Hina	General Anatomy Muscls-II Dr Arsalan Manzoor Mughal	Weekly Supervisor/Mentor Meeting Prof Ifra Saeed	General Anatomy Nerve-I Prof Ayesha Yousaf
Thursday 26-09-24	Demonstration Vassculature of Heart (Coarctation of Aorta) Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Histology Arteries and Veins Assoc. Prof. Dr. Mothashim	General Anatomy Nerve-II Prof Ifra Saeed	Histology Lab Medium & Small Sized Arteries Asst Prof Dr Maria Tasleem
Friday 27-09-24	Journal Club Meeting		Embryology Formation and partitioning of Ventricles Assoc Prof. Dr. Arsalan	Demonstration Innervation of Heart Assoc Prof Dr Mohtashim Hina	Histology Lab Medium & Small Sized Arteries Asst Prof Dr Maria Tasleem
Saturday 28-09-24	Dissection Assoc Prof Dr Mohtashim Hina	General Anatomy Nerves-III Dr Mohtashim Hina	Histology Capillaries Assoc. Prof. Dr. Mothashim	Post Session Discussion	Histology Lab Medium & Small Sized Arteries Asst Prof Dr Maria Tasleem
Supervised by: Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal					



Department of Anatomy
Rawalpindi Medical University
Mphil (Batch 1) Semester 1 Timetable
Week 3

Thorax with relevant Embryology & Histology

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 10:20 AM	10:20am-11:20am	11:20am-12:30pm	12:30pm – 2:00pm
Monday 30-09-24	Demonstration Superior Mediastinum (Trachea, Esophagus Ascending Aorta) (Coarctaion of Aorta) Assoc Prof Dr Mohtashim Hina	Prevoius week assessment	Embryology Fetal Circulation Assoc Prof. Dr. Arsalan	General Anatomy Embaling Dr Arsalan Manzoor Mughal	Histology Lab Large Vein Asst Prof Dr Maria Tasleem
Tuesday 01-09-24	Dissection Assoc Prof Dr Mohtashim Hina	Post Session Discussion	ASRB Meeting		Histology Lab Large Vein Asst Prof Dr Maria Tasleem
Wednesday 02-10-24	CPC	Dissection Assoc Prof Dr Mohtashim Hina	Weekly Supervisor/Mentor Meeting Prof Ayesha Yousaf	General Anatomy End Assessment	Histology Lab Large Vein Asst Prof Dr Maria Tasleem
Thurday 03-10-24	Demonstration Posterior mediastinum (Contents) Assoc Prof Dr Mohtashim Hina	Weekly Supervisor/Mentor Meeting Prof Ifra Saeed	General Embrology Intro to embryology Asst Prof Dr Sara Bano		Histology Lab Large Vein Asst Prof Dr Maria Tasleem
Friday 04-10-24	Journal Club Meeting		General Embryology Gametogenesis Asst Prof Dr Sara Bano	Dissection Assoc Prof Dr Mohtashim Hina	Histology Lab Large Vein Asst Prof Dr Maria Tasleem
Saturday 05-10-24	Dissection Assoc Prof Dr Mohtashim Hina	General Embryology Female reproductive cycles Asst Prof Dr Tayyaba Qureshi	Histology Tunics of heart & Lyphatic System Assoc. Prof. Dr. Mothashim	Journal Club	Histology Lab Large Vein Asst Prof Dr Maria Tasleem
Supervised by: Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal					



Department of Anatomy
Rawalpindi Medical University
Mphil (Batch 1) Semester 1 Timetable
Week 4

Thorax with relevant Embryology & Histology

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 10:20 AM	10:20am-11:20am	11:20am-12:30pm	12:30pm – 2:00pm
Monday 07-10-24	Dissection Assoc Prof Dr Mohtashim Hina	Prevoius week assessment	Introduction to Power Point Presentation on Specific Format Asst Prof Dr Tayyaba Qureshi	General Embrology Ovulation & Fertilization Asst Prof Dr. Sumyyia Bashir	Histology Lab Medium & Small Sized Vein Asst Prof Dr Maria Tasleem
Tuesday 08-10-24	Demonstration Posterior Mediastinum (Azygous system of Veins) Assoc Prof Dr Mohtashim Hina	Post Session Discussion	General Embrology Cleavage Asst Prof Dr. Sumyyia Bashir	General Embrology Second week of development Prof Ayesha Yousaf	Histology Lab Medium & Small Sized Vein Asst Prof Dr Maria Tasleem
Wednesday 09-10-24	CPC	Demonstration Cross Sectional Anatomy / Radiology Assoc Prof Dr Mohtashim Hina	How to conduct a PBL Asst Prof Dr Sumyyia Bashir	Weekly Supervisor/Mentor Meeting Prof Ayesha Yousaf	Histology Lab Medium & Small Sized Vein Asst Prof Dr Maria Tasleem
Thursday 10-10-24	Dissection Assoc Prof Dr Mohtashim Hina	Post Session Discussion	PBL Session Asst Prof Dr Sumyyia Bashir	Research/Self Study at Library	Histology Lab Slides of Cardiovascular System Asst Prof Dr Maria Tasleem
Friday 11-10-24	Journal Club Meeting		Prestation skills Asst Prof Dr Tayyaba Qureshi	Dissection Assoc Prof Dr Mohtashim Hina	Histology Lab Slides of Cardiovascular System Asst Prof Dr Maria Tasleem
Saturday 12-10-24	General Embryology Third week of development- Gastrulation Prof Ifra Saeed	Post Session Discussion	End of Region-Formative Assessment	Digital Librabry Study	Histology Lab Slides of Cardiovascular System Asst Prof Dr Maria Tasleem
Supervised by: Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal					



Department of Anatomy
Rawalpindi Medical University
Mphil (Batch 1) Semester 1 Timetable
Week 5

Thorax with relevant Embryology & Histology

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 10:20 AM	10:20am-11:20am	11:20am-12:30pm	12:30pm – 2:00pm	
Monday 14-10-24	Dissection Assoc Prof Dr Mohtashim Hina	Prevoius week assessment	Research/Self Study at Library	General Embryology Third week of development- notochord foramtion	Histology Lab Asst Prof Dr Maria Tasleem	
Tuesday 15-10-24	Dissection Assoc Prof Dr Mohtashim Hina	Post Session Discussion	General Embryology Third week of development- neuralation	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem	
Wednesday 16-10-24	CPC		Demonstration Assoc Prof Dr Mohtashim Hina	General Embryology Organogenetic Period: Fourth to Eighth Weeks	Weekly Supervisor/Mentor Meeting Prof Ayesha Yousaf	Histology Lab Asst Prof Dr Maria Tasleem
Thursday 17-10-24	Dissection Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Research/Self Study at Library	General Embryology Folding of embryo	Histology Lab Asst Prof Dr Maria Tasleem	
Friday 18-10-24	Journal Club Meeting			Post Session Discussion	General Embryology The Fetal Period: Ninth Week to Birth	Histology Lab Asst Prof Dr Maria Tasleem
Saturday 19-10-24	General Embryology Placenta	RnD How to choose a topic for synopsis Dr Farah End of Region-Formative Assessment			Digital Librabry Study	Histology Lab Asst Prof Dr Maria Tasleem
Supervised by: Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal						



Department of Anatomy
Rawalpindi Medical University
Mphil (Batch 1) Semester 1 Timetable
Week 6

Thorax with relevant Embryology & Histology

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 10:20 AM	10:20am-11:20am	11:20am-12:30pm	12:30pm – 2:00pm
Monday 21-10-24	Dissection Assoc Prof Dr Mohtashim Hina	General Embryology Fetal Membranes	Weekly Supervisor/Mentor Meeting Prof Dr.Ayesha Yousaf	General Embryology Multiple pregnancies	Histology Lab Asst Prof Dr Maria Tasleem
Tuesday 22-10-24	Dissection Assoc Prof Dr Mohtashim Hina	General Embryology Teratogenesis	Research/Self Study at Library		Histology Lab Asst Prof Dr Maria Tasleem
Wednesday 23-10-24	CPC	Demonstration Nose and Paranasal sinuses Assoc Prof Dr Mohtashim Hina	Embryology Development of Nose & Paranasal sinuses Prof Dr. Ayesha Yousaf	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem
Thursday 24-10-24	Demonstration Larynx and Trachea Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Weekly Supervisor/Mentor Meeting Prof Ifra Saeed	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem
Friday 25-10-24	Journal Club Meeting		PBL Session	Histology Histology of Respiratory system I Assoc Prof Dr Mohtashim Hina	Histology Lab Asst Prof Dr Maria Tasleem
Saturday 26-10-24	Demonstration Overview of thoracic wall Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Embryology Development of Trachea and Larynx Prof Dr.Ayesha Yousaf	Digital Librabry Study	Histology Lab Asst Prof Dr Maria Tasleem
Supervised by: Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal					



Department of Anatomy
Rawalpindi Medical University
Mphil (Batch 1) Semester 1 Timetable
Week 7

Thorax with relevant Embryology & Histology

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 10:20 AM	10:20am-11:20am	11:20am-12:30pm	12:30pm – 2:00pm
Monday 28-10-24	Demonstration Skeleton of thoracic wall (Ribs) Assoc Prof Dr Mohtashim Hina	Prevoius week assessment	Histology Histology of Respiratory system II Assoc Prof Dr Mohtashim Hina	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem
Tuesday 29-10-24	Demonstration Joints of Thoracic Wall Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Research/Self Study at Library		Histology Lab Asst Prof Dr Maria Tasleem
Wednesday 30-10-24	CPC		Demonstration Thoracic Apertures Assoc Prof Dr Mohtashim Hina	Weekly Supervisor/Mentor Meeting Prof Dr.Ayesha Yousaf	Research/Self Study at Library Histology Lab Asst Prof Dr Maria Tasleem
Thursday 31-10-24	PBL Session Assoc Prof Dr Mohtashim Hina	Respiratory Distress Syndrome	Weekly Supervisor/Mentor Meeting Prof Ifra Saeed	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem
Friday 01-11-24	Journal Club Meeting			Dissection Assoc Prof Dr Mohtashim Hina	Histology Lab Asst Prof Dr Maria Tasleem
Saturday 02-11-24	Demonstration Movements of Thoracic Wall & Intercostal Spaces Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Embryology Development of Lungs Prof Dr.Ayesha Yousaf	Digital Librabry Study	Histology Lab Asst Prof Dr Maria Tasleem
Supervised by: Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal					



Department of Anatomy
Rawalpindi Medical University
Mphil (Batch 1) Semester 1 Timetable
Week 8

Thorax with relevant Embryology & Histology

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 10:20 AM	10:20am-11:20am	11:20am-12:30pm	12:30pm – 2:00pm
Monday 04-11-24	Demonstration Diaphragm Assoc Prof Dr Mohtashim Hina	Prevoius week assessment	Histology Histology of Respiratory system III Assoc Prof Dr Mohtashim Hina	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem
Tuesday 05-11-24	Demonstration Vasculature of thoracic wall Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Embryology Development of Diaphragm Prof Dr.Ayesha Yousaf	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem
Wednesday 06-11-24	CPC	Demonstration Innervation of Thoracic Wall Assoc Prof Dr Mohtashim Hina	Weekly Supervisor/Mentor Meeting Prof Ayesha Yousaf	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem
Thursday 07-11-24	Demonstration Pleura Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Weekly Supervisor/Mentor Meeting Prof Ifra Saeed	Research/Self Study at Library	Histology Lab Asst Prof Dr Maria Tasleem
Friday 08-11-24	Journal Club Meeting		PBL Session	Dissection Assoc Prof Dr Mohtashim Hina	Histology Lab Asst Prof Dr Maria Tasleem
Saturday 09-11-24	Demonstraion Lungs Assoc Prof Dr Mohtashim Hina	Post Session Discussion	Histology Histology of Respiratory system IV Assoc Prof Dr Mohtashim Hina	End of Region-Formative Assessment	Histology Lab Asst Prof Dr Maria Tasleem
Supervised by: Prof Ayesha Yousaf/Prof Ifra Saeed/ Dr Mohtashim Hina/ Dr Arsalan Manzoor Mughal					

- ✓ Deficient Human Resource
- ✓ Focus on Research
- ✓ Faculty Development
- ✓ Crossectional and Radiological Anatomy

