



UNIVERSITY MEDICAL
& DENTAL COLLEGE
A CONSTITUENT COLLEGE OF THE UNIVERSITY OF FAISALABAD



PROSPECTUS

Become a
World Class
Doctor



بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

In the name of ALLAH, the most Beneficent, the most Merciful.

وَنُنَزِّلُ مِنَ الْقُرْآنِ مَا هُوَ شِفَاءٌ وَرَحْمَةٌ لِّلْمُؤْمِنِينَ
وَلَا يَزِيدُ الظَّالِمِينَ إِلَّا خَسَارًا ۝

And We (Allah) have revealed the Quraan which is a healing and a mercy to the believers; and it only adds to the loss of the cruels.

(Bani Israel-82)

صَلَّى اللّٰهُ عَلَى حَبِيبِهِ سَيِّدِنَا مُحَمَّدٍ وَآلِهِ وَأَصْحَابِهِ وَسَلَّمَ

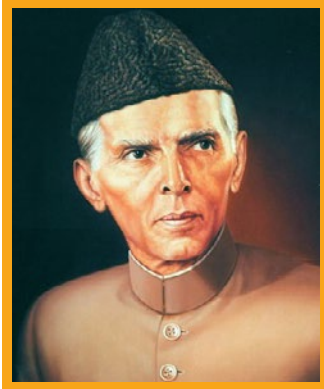
May ALLAH grant His peace and blessings to His beloved Prophet Muhammad (S.A.W) and to his family and his companions

شاہ حسین بادشاہ حسین
دین حسین دین بنیہ حسین
سر دادہ داد دست دست یزید
تھا کہ بنے لالہ حسین

حضرت امام حسین علیہ السلام سردار بھی ہیں اور بادشاہ بھی۔ حضرت امام حسین علیہ السلام اقتدار دین بھی ہیں اور دین اسلام کے لئے پناہ اور ڈھال بھی۔ آپ نے اپنا سر قربان کر دیا مگر یزید کے ہاتھ میں ہاتھ نہ دیا۔ اللہ کی قسم حضرت امام حسین علیہ السلام لالہ یعنی دین اسلام کی بنیاد ہیں۔

مریم ازیک نسبت عیسیٰ عزیز
نور چشم رحمتہ للعالمین
بانوائے آل تاجدار اہل قی
مادراں مرکز کار عشق
از نسبت حضرت زہرا عزیز
آں امام اولیٰ آخرین
مر تضحیٰ مشکل کشت شیر خدا
مادراں قافلہ لار عشق

حضرت مریم سلام اللہ علیہا ایک نسبت یعنی عیسیٰ علیہ السلام کی والدہ ہونے کے سبب معزز ہیں جبکہ سیدہ فاطمہ زہراء سلام اللہ علیہا تین نسبتوں سے عزت اور احترام کی مستحق ہیں۔ (۱) آپ تمام جہانوں کے لئے رحمت بن کر آنے والے نبی اور وہ نبی جو پہلے والوں اور بعد والوں سب کے قائد اور رہنما ہیں کی آنکھوں کا نور ہیں۔ (۲) آپ اس ہستی (حضرت علی کرم اللہ وجہہ) جنہیں اللہ تعالیٰ نے ہل آنسی (سورۃ الدھر) کا تاج پہنایا اور جو مشکل حل کرنے والے اور اللہ تعالیٰ کے شیر ہیں کی رفیقہ حیات ہیں۔ (۳) آپ اس ہستی (حضرت امام حسن علیہ السلام) کی ماں ہیں جو عشق کمال کا مرکز ہیں۔ آپ اس ہستی (حضرت امام حسین علیہ السلام) کی ماں بھی ہیں جو عشق کے قافلہ سالار اور قائد ہیں۔



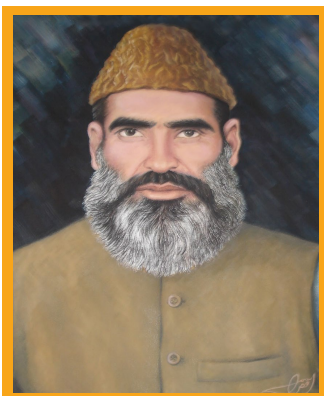
Quaid-e-Azam Muhammad Ali Jinnah (R.A)

“Pakistan is proud of her youth, particularly the students, who are nation builders of tomorrow. They must fully equip themselves by discipline, education and training for the arduous task lying ahead of them.”



Allama Muhammad Iqbal (R.A)

“Be aware of your own worth, use all of your power to achieve it. Create an ocean from a dewdrop. Do not beg for light from the moon, obtain it from the spark with in you.”



Haji Muhammad Saleem (Late)

Founder Chairman of Madinah Foundation

Vision

- Industry
- Service
- Education

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His Excellency
Sardar Saleem Haider Khan
Governor Punjab/Patron



It is a matter of great pleasure to note that The University of Faisalabad has been fast emerging as a prestigious institution of higher learning in the private sector since its inception in 2002.

The University has developed diversified expertise in terms of faculties and tools for imparting education by incorporating state of the art infrastructure, laboratories, technical equipment and IT labs. Having programs of studies of Health Sciences, Engineering, Management Sciences, Arts and Social Sciences, it has truly become a beacon of light for other institutions of higher education in the region.

I am glad to note that The University of Faisalabad is very much alive to the needs of higher education in the Country and is empowering its students with knowledge based education.

Within a short period of time the university has made a significant mark amongst its peers. I am sanguine that it will continue its efforts with great zeal and zest.

The Government is taking all tangible steps for ensuring provision of quality education to all. Establishment of several public sector and private sector universities and degree awarding institutions is a step in this direction to provide quality education.

Certainly, the contribution of private sector in promoting Higher Education is quite significant and The University of Faisalabad is an example of this. The University of Faisalabad offers a great opportunity of higher learning to the youth of this country, as acknowledged by the Higher Education Commission, Islamabad, through its ranking which indicates the focus and determination of the University to become a leading institution of higher learning and research.

The University is placing due emphasis on applied research and promoting technical skills at undergraduate and graduate levels. Establishment of the Office of Research, Innovation and Commercialization (ORIC) with a close academia-industry linkage for undertaking research initiatives on industry based problems is likely to serve as model for the other Universities.

I would like to appreciate the Rector, faculty and management of the University for their diligent efforts and missionary approach. The University will continue its journey of success with added zeal and enthusiasm to achieve still higher goals in the future.

Message



Muhammad Haider Amin

Chairman, Board of Governors
University Medical & Dental College

I feel glad to see that University Medical and Dental College, established in 2003, has progressively transformed into a centre of excellence in medical and dental education. It has, no doubt, made a fast paced progress in a short span of time.

Establishing faculties of MBBS and BDS is not what UMDC confined itself to. It has now gone that extra mile that not many medical institutes take initiative for; it has ventured for research in the field of medical science and dentistry by offering MPhil programs in several of its disciplines.

Being a constituent college of The University of Faisalabad. UMDC is affiliated with the University of Health Sciences (UHS) Lahore. This College is known for its state-of-the-art infrastructure, facilities and highly qualified, experienced and dedicated teaching faculty. Our students have been regularly securing top positions in various professional examinations conducted by UHS. We are proud to see that our alumni are serving in various leading hospitals and organizations both in the public and private sectors. It is a matter of great satisfaction for me to see that the 600 beds Madinah Teaching Hospital (MTH) integral to the UMDC is continuously and regularly upgrading its equipment and facilities and, rendering free specialist medical and dental services to the ailing humanity, specially the under privileged cross section of the society.

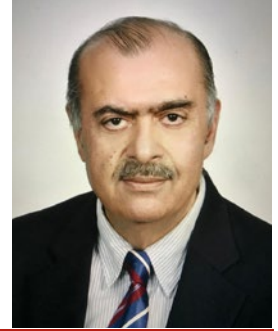
MTH has the unique distinction of being the only teaching hospital in the private sector that is rendering these services which include consultancy, diagnosis, medicines, hospitalization, surgery etc free of cost. It is registered with Punjab Healthcare Commission (PHC). MTH has been also awarded 'Corporate Social Responsibility Award 2015 , 2017 and 2019, 2021 and achieved ISO 9001: 2015 Certification. UMDC is proudly contributing towards empowerment of the youth towards a bright future, and progress and prosperity of the country in the field of Medical and Health Sciences.

Recently, The University of Faisalabad is ranked amongst top 500 Universities of the world and 12th in Pakistan by the UI GreenMetric World University Ranking -2020. TUF ranked 1st in all private Universities, overall 4th amongst all Pakistani Universities and counted amongst top 500 top Universities of the world in the Times Higher Education (THE) Impact Rankings- 2021. TUF has been also awarded "Corporate Social Responsibility Award 2021" and "Certificate of Excellence" for remarkable efforts and initiatives taken under CSR in the category of women welfare, empowerment and development.

These all are big achievements and moments of pride for all of us I am confident that UMDC will continue in keeping up with its standards and finding new horizons through research and innovation in order to make itself an agent of positive change in the region. I wish UMDC all the best for its future and assure you of its continuous progress.

Prof Dr Ahsan Waheed Rathore

Vice Chancellor
University of Health Sciences, Lahore



A Medical College imbibes the best and the brightest minds to learn the science of medicine and public health, and the art of compassionate care. As one of the affiliated colleges of the University of Health Sciences (UHS) Lahore, University Medical and Dental College (UMDC), Faisalabad is dedicated to advancing biomedical knowledge and human healing through innovative educational methods. UHS's vision in a rapidly changing era of health care reforms is to educate medical leaders in patient-centered, science-driven, team-based, high-value health care. An appropriate selective admissions process, inter-professional team learning and a student-centered, flexible, innovative curriculum make our graduates accepted within the country and abroad.

Medical colleges such as UMDC need to seek out applicants who are passionate about the underserved, implement programmes and curricula that will nurture those passions, and graduate students who understand how to partner with communities to achieve better health especially in the nature inflicted and man inflicted disasters like earthquakes, floods, avalanches, dengue out breaks, smallpox and tuberculosis resurrection.

UMDC's achievements in undergraduate medical education in the form of good results in recent years in various professional examinations are a tribute to the University, the faculty, the students the staff and its alumni. I am sure that it will select each new entering class with the intent of ensuring that it will train tomorrow's medical leaders, who will be well prepared to practice as family physicians and specialists to meet the needs of public.

Message



Prof Dr Aman Ullah Malik

Rector
The University of Faisalabad

I congratulate you on joining one of the best centres of medical education in Pakistan. You will be entering a noble profession after undergoing five years of training here with us. Medical profession not only provides you infinite opportunities to serve humanity but also facilitates you to spend a purposeful life with spiritual and mental satisfaction.

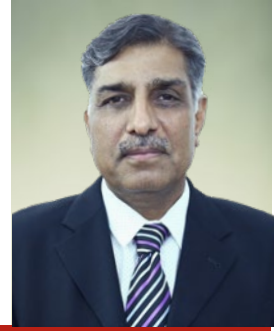
We are committed to provide healthy environment to the students to build their competency in the medical profession and also to groom their personality to become a kind and caring individual as a doctor.

I wish you a happy beginning and successful completion of your teaching and training program at UMDC. I also wish you to be always a pride for your parents and your nation.

Message

Prof Dr Muhammad Akram Malik

Principal
University Medical & Dental College



It is indeed, a matter of great pleasure for me to welcome you, on choosing this great institution of ours. It is my privilege to extend all of you my heartfelt felicitations on accomplishing your much desired goal of becoming a part of medical fraternity. Our college is a prestigious medical institution, recognized by the Pakistan Medical and Dental Council, College of Physicians and Surgeons Pakistan (CPSP) and accredited by the University of Health Sciences,(UHS) Lahore. It is listed in International Medical Directory (IMED) USA and registered in Foundation for Advancement of International Medical Education and Research (FAIMER) USA. Further it is listed in recent National Resident Matching Program (NRMP) of USA.

While you are here, you will be trained by most dedicated, highly qualified and talented faculty. We can safely say that our faculty is among one of the best in the country. Many of our senior faculty members are foreign qualified while others are from well known local universities or CPSP Fellows. They have wide experiences in their respective fields and a passion for professional advancement. They are familiar with modern classroom, bedside teaching skills, and are extremely result oriented with a track record of delivering to the students and serving the ailing humanity.

Our leadership in quality teaching is evident by the fact that in 2010 final professional MBBS examination our student secured first position among all public and private sector UHS affiliated colleges in Punjab. Similarly our students secured 3rd and 4th position in UHS in final professional examinations in previous years. Moreover over 200 students secured distinction in various professional examinations of MBBS and BDS. A number of our graduates have passed FCPS part - I examination and successfully completed Part II training at our hospital as well as at other well known hospitals of the country. Many of our graduates have passed foreign examinations like PLAB and USMLE and AMC for UK USA and Australia respectively. Our Alumni and faculty members Professor Dr Saba Tariq has completed her PhD in Pharmacology and Professor Dr Sundus Tariq has done PhD in Physiology. This is clear reflection of the quality of our students and faculty. Our graduates have been awarded scholarship and are studying in different well known universities abroad especially in countries like UK, USA and Australia.

Our affiliated Madinah Teaching Hospital has got ISO- 9001:2015 certification. Our departments are recognized by CPSP for FCPS part-II training. We are here to assist you to make learning an interesting and pleasurable activity. We hope that you will reciprocate and help us in our efforts to produce high quality graduates from this institution. We expect that you would transform yourself into an accomplished professional with a sound background of theoretical knowledge coupled with practical skills. I wish you all the success in your future plans!
Allah bless you

Message



Prof Dr Arsalan Wahid

Principal
Dental College (UMDC)

College of Dentistry at The University of Faisalabad has been established in 2008. It commits itself to the pursuit of excellence in dental education, scientific research, compassionate patient care, and community service guided by Pakistani ethics and values. The College affirms its task in the development and formation of competent and compassionate dentists who are committed to quality patient care delivery of global standards and in accordance with the needs and goals of the nation. Therefore, the college delivers an outstanding dental education program that employs cutting-edge techniques for teaching, learning and practice of dentistry.

In past few years, the college has been upgraded and facilitated to provide scientific environment for

1. Undergraduate dental education
2. Postgraduate dental education, training and research opportunities
3. Dental auxiliary programs

It is my great pleasure to welcome you to the College of Dentistry, UMDC. I wish to congratulate each of you, first on having secured your university place and second, for having the good sense to choose to study in the University of Faisalabad. The University of Faisalabad puts the student at the centre of everything it does; your experience here at TUF and your success is important to each and every member of staff who works here.

Your arrival at University marks a new chapter in the story of your life. But this chapter is a bit different. The preceding chapters were largely written by others – your parents, guardians, families, teachers and the like. Now you will be the principal author of the next chapter – you have the opportunity to determine the direction, the plot and the tempo of your story. This can seem as daunting as it is exciting, as challenging as it is empowering. But the great thing is that you are doing something that you have chosen to do, not something that was chosen for you by others. And while you are here at TUF you will have the opportunity to learn new things, acquire new knowledge, develop new skills, and enhance your personal attributes in profound ways that will equip for life after University. At the same time you will make new friends who will become your friends for life, with whom you will share memories of your University days for many years to come.

The University of Faisalabad

The heart of Pakistan Textile Industry - Faisalabad suffered educational negligence for decades. Madinah Foundation, a philanthropic organization, renowned for extending services in the social sector, in the light of the vision "Industry, Service, Education" of its founder Chairman, Haji Muhammad Saleem (Late), under took the challenge of facilitating common man in paving the path of success through educational enlightenment.

On March 17, 2002, Madinah Foundation launched a visionary mega project to overcome deficit of quality education in the area. The University of Faisalabad (TUF) was established to cater to the educational and technological needs emerging in the progressive scenario of the country in general and Faisalabad and surrounding areas in particular, with a missionary spirit, commitment and fervor in line with the vision of its founders. The distinguished University aspires for an appropriate balance between the emerging disciplines of science and technology and prevalent fields of humanities and social sciences. The university is chartered under Ordinance LX of October 2, 2002 promulgated by the Government of the Punjab. It is recognized by Higher Education Commission as a degree awarding University.

What sets The University of Faisalabad supreme is its unconditional commitment to quality education, sincere teaching endeavors, exclusive skill development, lucrative facilities, dynamism to improve and a competent management team with a vivid vision. We proudly empower and groom the youth of Pakistan by inculcating a sense of achievement for meeting competitive global challenges and contribute to the socio-economic development and prosperity of the country.

University Medical & Dental College

Medical education in Pakistan, since independence, has been the domain of public sector. Changing trends in medical education around the world and immense pressure of quality treatment has paved way for private sector to play its part in the field. Despite being the industrial capital of the country, Faisalabad had only one Medical College and only two major hospitals to cater to the health and educational needs of over 6 million people.

Madinah Foundation, following the vision of its founder Chairman Mian Muhammad Saleem (Late) 'Industry, Service & Education', established Medical College in 2003 to fill this vacuum in the medical education in Faisalabad. Since beginning, the College has strived hard and under the able, dynamic leadership and guidance of its present Chairman BoG Muhammad Haider Amin has achieved unique honors and distinction. Another distinct feature of the College is that it is a Medical & Dental College for girls only. The College has hired the services of eminent medical professionals from around the country.



Vision

To be a leading educational institution characterized by

- An intellectual environment conducive for innovative teaching and learning
- A culture of original research to address the future challenges
- High quality professional education meeting the local and global requirements
- Emphasis on Islamic ethical values for inculcating the qualities of love, patriotism and service to humanity

Mission

“To foster an environment promoting patient care, professionalism, ethics and lifelong learning by providing state of the art innovative teaching, training and research opportunities for medical and dental professionals who would contribute towards an effective national & global healthcare system.”



Programs offered in The University of Faisalabad

All the undergraduate and graduate programs being offered are based on internationally recognized semester system of teaching and assessment.

FACULTY OF PHARMACEUTICAL SCIENCES

Department of Pharmacy

- Doctor of Pharmacy
- MPhil Pharmaceutics
- MPhil Pharmacology
- PhD Pharmaceutics
- PhD Pharmacology

FACULTY OF MEDICINE & ALLIED HEALTH SCIENCES

Department of Rehabilitation Sciences

- Doctor of Physical Therapy
- BS Respiratory Therapy
- BS Speech Language Pathology
- MS Physical Therapy

Department of Optometry

- BS Optometry
- MPhil Optometry

Department of Dermatology

- BS Dermal Sciences

Department of Pathology

- BS Medical Laboratory Sciences
- MPhil Morbid Anatomy and Histopathology

Department of Radiology

- BS Radiology
- MS Diagnostic Ultrasound

Department of Nutrition and Dietetics

- BS Dietetics and Nutritional Sciences
- MPhil Dietetics and Nutritional Sciences
- PhD Dietetics and Nutritional Sciences

Department of Anesthesia

- BS Anesthesia

Department of Dentistry

- BS Dental Sciences

Department of Medicine

- BS Emergency and Intensive Care Sciences

Department of Physiology

- MPhil Physiology

Department of Biotechnology

- BS Biotechnology
- MPhil Biotechnology
- PhD Biotechnology

School of Nursing

- BS Nursing
- BS Nursing (Post RN BSN)

FACULTY OF ENGINEERING AND TECHNOLOGY

Department of Electrical Engineering

- Bachelor of Electrical Engineering
- BS Engineering Management
- BSc Electrical Engineering Technology
- MS Electrical Engineering
- PhD Electrical Engineering

Department of Civil Engineering

- BS Civil Engineering
- BSc Civil Engineering Technology
- MS Civil Engineering
- PhD Civil Engineering

FACULTY OF INFORMATION TECHNOLOGY

Department of Computational Sciences

- BS Computer Sciences
- BS Software Engineering
- BS Information Technology
- BTech Artificial Intelligence
- MS Computer Science
- MS Data Sciences
- PhD Computer Science

FACULTY OF SCIENCES

Department of Mathematics

- BS Mathematics
- MPhil Mathematics
- PhD Mathematics

Department of Physics

- BS Physics
- MS Physics

Department of Biochemistry

- BS Biochemistry
- MPhil Biochemistry
- PhD Biochemistry

FACULTY OF MANAGEMENT STUDIES

Department of Management Studies

- BBA
- BS Accounting and Finance
- BS Aviation Management
- MBA
- MBA Executive
- MS Management Sciences
- MS Accounting and Finance
- MS Project Management
- MS Risk & Safety Management
- PhD Management Sciences

FACULTY OF ARTS, DESIGN AND ARCHITECTURE

Department of Design and Interiors

- Bachelor of Interior Design
- Bachelor of Graphic Design
- Bachelor of Fine Arts
- Master of Interior Design

FACULTY OF LANGUAGES AND LITERATURE

Department of English Language and Literature

- BS English (With specialization in Language & Literature)
- MPhil English Literature
- PhD English Literature

FACULTY OF EDUCATION

Department of Education

- BEd (Hons) Elementary
- BEd (1.5 years)
- MPhil Education

FACULTY OF LAW

Department of Law

- Bachelor of Law (LLB)

FACULTY OF ARTS AND SOCIAL SCIENCES

Department of Arabic and Islamic Studies

- BS Islamic Sciences
- MPhil Islamic Studies
- PhD Islamic Studies



Academic Council of University Medical & Dental College

Academic Council is the body comprising of all Head of Departments and Professors. It meets from time to time under the Chairmanship of the Principal to discuss various academic issues. It ensures timely completion of syllabi of all classes and each department has to present its progress in terms of lectures taken, research work done and quality of patient care in the hospital.

Constitution of Academic Council is as under:

• Prof Dr Muhammad Akram Malik	Principal UMDC	• Prof Dr Shazia Aslam	Member
• Prof Dr Aamir Ali Chaudhry	Member	• Prof Dr Shahid Rasool	Member
• Prof Dr Liaquat Ali	Member	• Prof Dr Saira Saleem	Member
• Prof Dr Saadia Khan	Member	• Prof Dr Humaira Zafar	Member
• Prof Dr Salah ud Din Ayubi	Member	• Prof Dr Nadia Bano	Member
• Prof Dr Hafiz Salman Saeed	Member	• Prof Dr Tahira Iqbal	Member
• Prof Dr Tanzeela Khalid	Member	• Prof Dr Saba Tariq	Member
• Prof Dr Akmal Sharif	Member	• Prof Dr Sundus Tariq	Member
• Prof Dr Tanvir Ahmad	Member	• Prof Dr Hafiz Arslan Wahid	Member
• Prof Dr Anjum Mehdi	Member	• Assoc Prof Dr Sumera Shahzad	Member
• Prof Dr Mubashra Naz	Member	• Assoc Prof Dr Maliha Khurram	Member
• Prof Dr Irshad Ahmed	Member	• Assoc Prof Dr Tariq Javed	Member
• Prof Dr Aisha Sajid	Member	• Assoc Prof Dr Fauzia Jan	Member
• Prof Dr Tariq Rashid	Member	• Asst Prof Dr Kiran Tariq	Member
• Prof Dr Zahid Siddique	Member	• Asst Prof Dr Amira Shahid	Member
• Prof Dr Sehrish Zulfiqar	Member	• Asst Prof Dr Tahmeena Atiq	Member
• Prof Dr Saima Malik	Member	• Asst Prof Dr Sarosh Iqbal	Member
• Prof Dr Muhammad Saeed Akhtar	Member	• Asst Prof Dr Waqas Rashid	Member
• Prof Dr Sadaf Zia	Member	• Asst Prof Dr Nida Khan	Member
• Prof Dr Shirza Nadeem	Member		

Facilities at UMDC



Library

The mission of TUF Libraries is to provide the right information to the right person at the right time in a right way. TUF libraries have a network of four libraries in the university to promote reading culture and provide access to information on diverse academic disciplines. These libraries are spacious, well planned, and offer serene environment.

Libraries serve their community with up-to-date information through different sources, including digital library, online research journals, periodicals. All users from faculty, staff, or students are encouraged to make full use of available resources. Libraries contain around 50,000 books on medical, pharmaceutical sciences, allied health sciences, engineering, religion, management, computer, nursing, literature, and social sciences. Internet facilities in the library connect users to libraries.

These libraries provide access to books, journals, theses, newspapers, and other resources in hybrid environment (i.e. combination of print and online resources). These libraries are member of Higher Education Commission (HEC) Digital Library that provides access to thousands of virtual reference sources, online books, electronic journals, digital theses, and other multimedia resources on various subjects. TUF libraries are equipped with latest technology like RFID System and (KOHA) Library Management System. The bibliographic information about available collections is available through KOHA software

Carrels and Study Spaces

Comfortable interior and innovative furniture in the libraries make them stunning and provide refreshing environment which attracts users and compel them to spend time and study in a relaxed and conducive environment. Study carrels and study lounge for faculty and students provide excellent atmosphere.

KIOSK Technology in Library

In the era of technology, it is must to introduced library function, resources and e-resources to the user's community through technological tools. One of them is KIOSK technology. Library Kiosk service also saves the time of reader, and help library users for smooth functioning. KIOSK represents digital library concepts and offers automated services to library users. These services include union catalogue of 4 campuses on which user can:

- Search desired book material
- Location of racks
- Book number
- Quantity of the books,
- Status of the book (Issued/Available / unavailable)
- If issued so user can hold the book by her own
- Can know about different data bases available on HEC Digital Library

TUF Portal (LMS)

The University of Faisalabad has another distinguished quality of having University's own LMS account. Where we are also providing bundle of books, through upload books icon on all subjects in E-Library icon.

OPAC Services

TUF libraries provide facility of Online Public Access Catalogue (OPAC) of library resources, online booking and reservation of library material to the library patrons.

Information Literacy Sessions

TUF libraries arrange information literacy sessions time to time in order to enhance the online searching skills of students and researchers. This facility provides excellent opportunity of organizing and participating in lectures, workshops, seminars, discussions, and meetings.

Inter-Library Loan Facility

Inter-library loan and searching facility option is also available in the library. Users can search material available in the libraries of different campuses of TUF, through Union Catalogue. Users can request library staff to help them in getting their required material from other libraries through inter-library loan.

SMS Reminder Services

TUF libraries have also introduced SMS Service to facilitate library users like faculty, staff and students. In this service weekly messages are sent to the users whose return date is over. Through this service they can return their library material on time.

Internet and Wi-Fi

Computers with internet and Wi-Fi connections are available for the use of students and teachers for their study and research. A team of competent library professionals is also available to provide reference & research assistance.

Video Conferencing Facility

Video conferencing facility is available at UMDC.

Digital Resources

The libraries are also providing access to thousands of online full text journals, conferencing proceedings and articles through different online databases under the HEC's National Digital Library Program.

Students and faculty can access these resources from inside the campus through IP address. Library is also giving access to around 1,42,000 online books through different databases that have also been made available through the HEC's Digital Library Program.

E-Databases (Articles)

- Pro Quest Dissertation & Theses
- E Brary
- ISI Web of Knowledge
- Springer Link
- Taylor & Francis Journals
- Wiley-Blackwell Journals
- J-Store
- Emerald
- Elsevier
- ASTM
- Brill
- IMF ELibrary
- Free Medical Journals
- SIAM
- Institute for Operational Research and the Management Sciences (INFORMS)

JUMDC - Research Journal of UMDC

UMDC has achieved another landmark by publishing its own Research Journal of University Medical & Dental College (JUMDC) after 8 years of its establishment. It contains original

articles and case reports. It is a peer reviewed medical journal and recognized by HEC and PMC.

IT Facilities

Information & Communication Technology (ICT) department is responsible for ensuring the adequacy of academic and administrative computing facilities at TUF. The department implements efficient technology infrastructure, supports effective campus management system, and delivers responsive IT support services. WiFi cloud computing facility is also made available in the University and in popular locations such as library and central courtyard. Network in the University has been converted to Fibre Optic. Now the data communication is at the speed of light without any distortion and noise. Currently, there are around 1000 connected workstations across TUF in academic and administrative units.

Network Operation Center

The College's Network Operation Center offers a vast array of technology services including state-of-the-art computing labs with high-tech computers, high-speed dedicated internet, a secure wired network and high availability e-mail, workplace computing resources and applications. The university is availing bandwidth facility from HEC under Pakistan Education Research Network (PERN). A PERN-II connection having 32 MB dedicated link via fibre optic has been installed, 36 MB CIR bandwidth from other ISPs and 200 MB shared internet from Storm Fiber is also available.

Wave FM 96.6

Educational Radio Channel of the University Educational Radio Channel Wave FM 96.6 was launched on October 9, 2014. This was inaugurated by Honorable Imam Bin Hussain Bin Ali Zain ul Abidin, Khadam Roza-e-Rasool Madina-tul-Munawrah. It broadcasts various programs concerning health, education, social welfare, recreation, sports, and many other subjects. Eminent scholars, professionals, and academic staff of the University deliver talks related to their fields of specialization. The participation of the students in the form of their interviews concerning education and sports activities are relayed regularly. Students are encouraged to take part in these programs.



Conference Room

A well furnished state of the art conference room with multimedia, overhead projector and built-in sound system is also available for Board/Faculty meetings and for organizing training programs, seminars and workshops with a smaller number of participants.

Hostel

The College provides hostel facilities to students belonging to cities/towns other than Faisalabad. There are number of

facilities including TV lounges, common rooms, study rooms, internet, prayer rooms and kitchens on each floor. All students living in the hostel are expected to conform to rules and regulations framed from time to time.

Transport

The College has out source transport to facilitate students in their pick and drop from and to the College.



Auditoria

Well furnished centrally air conditioned auditoria occupy central place in the campuses of the University. These having a seating capacity of more than 200 to 600 are a venue for conferences, seminars, declamation contests, lectures and other functions. These auditoria are equipped with latest multimedia, overhead projectors and sound systems.



Cafeteria

Well furnished cafeterias in the College cater for food and light refreshments for students throughout the year.

Bank

A branch of the Habib Metropolitan Bank is available within the campus, for assistance to students & staff in their banking transactions.

Security of the Campus

IP Cameras with night vision features, Tripod Turnstile Security system and Walk Through security gates have been installed in the Campus to ensure full security from all entry points to various sections of the College including teaching and administrative departments.



Islamic Gallery

An artistic Islamic Gallery which is a source of spiritual elevation has been established in the library of the University. The Gallery has a rich collection of rare relics, e.g. Naqsh of Naalain-e-Mubarak of Prophet Hazrat Muhammad SAW (made of pure gold), letters sent by the Holy Prophet (SAW) to different kings, various calligraphic paintings, large sized hand written Quran with pure silver jacket, a piece of carpet from RIAZ UL JANNAH, rare Islamic books and sayings of Hazrat Ali Karram Allah Wajhahu, and many more relics related to Islamic history, which makes it worth visiting.



Sports

Sports activities are carried out on national and regional levels under the guidance of the Directorate of Sports. Accordingly, facilities for basketball, football, hockey, cricket, table tennis and badminton are available.

Students' Societies

In order to promote the students' involvement in activities being held in UMDC and to provide them the platform to demonstrate their talent, following societies are run by the students:

- Religious Society
- Literary Society
- Cultural Society
- Community Services Society
- Dramatic Society
- Musical Society
- Art Society
- Publication Society
- Sports Society
- Blood Donors Society
- Photography Society
- Character Building Society
- Rehabilitation Society
- Hepatitis Awareness Society

Faculty members supervise these societies and provide guidance to facilitate implementation of decisions that require interaction with the university administration. Students are encouraged to interact with faculty pertaining to academic affairs and co-curricular activities.





LIFE AT UNIVERSITY MEDICAL & DENTAL COLLEGE

UMDC lays emphasis on developing and grooming personalities of its students. A number of lectures, seminars, workshops, symposia, debates, declamation contests, awareness walks, literary programs, poster competitions, photography and quiz competitions are held regularly by subject societies.



UNIVERSITY MEDICAL & DENTAL COLLEGE FAISALABAD

Medical Section

University Medical & Dental College is

- Recognized by Pakistan Medical and Dental Council (PM&DC), Islamabad
- Affiliated with The University of Health Sciences (UHS), Lahore
- Approved by Ministry of Health, Government of Pakistan
- Listed in Avicenna Directory of World Health Organization (WHO)
- Listed in International Medical Education Directory (IMED)
- Registered with Foundation for Advancement of International Medical Education & Research (FAIMER), USA
- Listed in National Resident Matching Program (NRMP), USA

Moreover,

- House jobs guaranteed for all graduates
- Affiliated Madinah Teaching Hospital recognized for PG training for FCPS by College of Physicians & Surgeons Pakistan
- Only female Medical/Dental College in private sector of Punjab
- Scholarships offered to the position holders in MBBS/BDS professional exams

17th Batch of MBBS students has already passed this year and has been awarded MBBS degree by University of Health Sciences, Lahore. The Dental College is also recognized by PM&DC for admitting 50 students per year and Ninth batch of BDS students has passed out.

Research project is mandatory for every student before completion of MBBS and BDS programs. UMDC offers conducive environment for clinical and basic research. Its faculty has produced sizeable number of international and national papers published in impact factor journals.

Madinah Teaching Hospital (MTH)

MTH is a General Hospital with 650 beds, attached to the University Medical and Dental College (UMDC), and The University of Faisalabad (TUF), was established 30 years back with vision of commitment, service and quality healthcare delivery to underprivileged cross section area of our society.

MTH is recognized and approved by Pakistan Medical & Dental Council (PM&DC), University of Health Sciences (UHS), College of Physician and Surgeons Pakistan (CPSP) and Pakistan Nursing Council (PNC) as a teaching hospital for Graduates and Post Graduate programs. Hospital is licensed by Punjab Healthcare Commission (PHC). Dedicated team of qualified and experienced doctors, nurses and paramedics are working round the clock to fulfill its mission towards continuous delivery of services and healthcare facilities among the ailing humanity. Being teaching hospital, it is providing state-of-the-art teaching facilities and infrastructure to the students of MBBS, BDS, PharmD, Physical Therapy, Optometry, Diet and Nutritional Sciences, Medical Imaging Sciences, Medical Lab Sciences, Dermatological Sciences and Nursing Programs. The hospital is fully equipped with modern and latest treatment/diagnostic facilities and providing all services free of cost e.g Corneal Grafting, Total Hip Replacement, Angiography, Angioplasty MRI, ERCP, Renal Dialysis, CT and Hep B & C treatment. An average OPD is 2000 patients with 120 admissions and 80 Operation per day. MTH has been awarded the 'Corporate Social Responsibility Award' in 2015, 2017, 2019 and 2021.



Medical Faculty of UMDc

Department of Anatomy



Prof Dr Saifuddin
(Head of Department)

The Department of Anatomy is one of the most established departments of University Medical & Dental College Faisalabad. The building comprises of air-conditioned, well maintained and well equipped dissection hall, lecture theatre, museum and Histology laboratory. Anatomy as a subject is one of the major basic subjects taught to MBBS and BDS students right from the beginning. It is a fact filled subject full of Greek and Latin terms. The curriculum of Anatomy comprises of four basic disciplines.

a. Gross Anatomy: Is the macroscopic study of human body carried out by dissection on cadavers by the students under supervision of experienced teachers. Study of skeleton, models and X-rays enables the students to apply Anatomical knowledge later on to medical diagnosis. For better concept building students are shown dissection films related to all regions of human body in small groups on multimedia.

b. Histology: Is the Microscopic Anatomy in which study of cells and their organization into the tissues and organs is carried out. Students themselves learn to use microscope and study microscopic appearance of normal tissues. It enables the students to diagnose the diseased tissue from the normal in

Histopathology.

In histology lab facilities are available for group teaching on trinocular microscope equipped with digital camera and 42" LCD.

c. Development Anatomy; (Embryology): Covers the principles of reproduction and fetal growth and development, including explanations of various structural relationships in the human body and developmental anomalies. Students use 3D simulated films of embryo development on computer and multimedia.

d. Neuro-Anatomy: Is the study of Anatomical organization of Brain and Peripheral nervous system. Competent and highly qualified teaching faculty is present to teach all disciplines of Anatomy. Teaching is carried out in the form of Lectures, Practicals, Tutorials on white board, multimedia and overhead projector. At the end of every topic special emphasis is laid on clinic-anatomical aspects. The PBL (Problem Based Learning) sessions, presentations and regular class evaluation tests are also carried out on completion of a term.





Prof Dr Sadaf Zia
(Head of Department)

Department of Physiology

Physiology is the science of life. It is the Knowledge of mechanism of life from cellular to molecular level, organs to systems with integrated behavior of whole body under the influence of internal and external environment. Physiology is an exciting and dynamic discipline that underpins translational and clinical medicine. It helps us to understand how the body works in health and how it responds and adapts to the challenges of everyday life. An integrated approach makes physiologists a valuable contributor in studies ranging from genetics to psychology. It advances our approach to deal with diseased condition and healthy life style. It is considered the back bone of all life sciences, even the Nobel Prize is given with the title "Medicine & Physiology".

The department of Physiology since its inception as first department of UMDC in 2003 is forced to focus towards the advancement of basic health academia with latest tools and techniques. Our logo is "Present day medicine is a visual

science". Physiology practicals are demonstrated on latest machines measuring pulmonary, muscular, cardiovascular and nerve functions.

The department is on progress towards the attainment of best to compete with standard global programs of medical physiology. Work in the department includes in Audio-visual teaching, hands on training, advanced recording and monitoring techniques through out the year. Faculty development programs and IT training is also mandatory to keep pace with ever advancing medical endeavours.





Department of Bio-Chemistry

Assoc Prof Dr Fauzia Jan
(Head of Department)

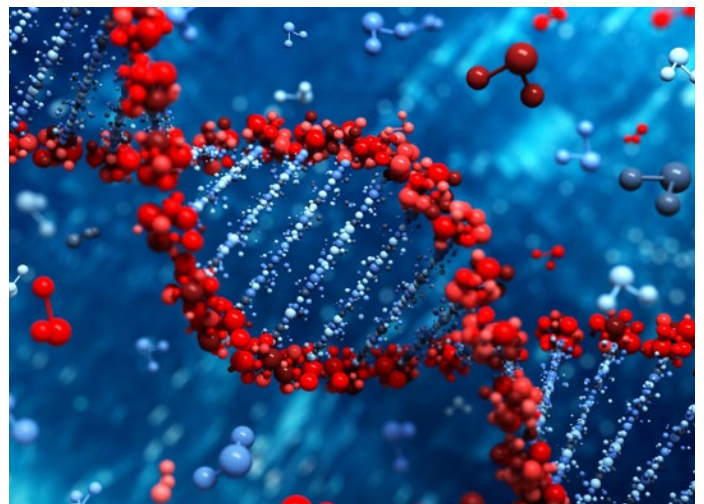
The subject of Biochemistry aims to give the students an understanding of the structure, function and working of human body at cellular, sub cellular and molecular level, both in health as well as disease.

The curriculum is structured into several distinct portions in order to provide a logical approach to the subject:

- Molecular Biochemistry
- Molecular Cell Biology
- Nutritional Biochemistry
- Metabolism of Macromolecules
- Clinical and Applied Biochemistry
- Molecular Genetics
- Biochemical Endocrinology

Tutorial classes are held to assist in elucidating the concepts discussed in lectures. Students are introduced to methods of biochemical investigations, relevant to clinical sciences. They are also introduced to the concepts of clinical biochemistry, in which measurement of bio-molecules is used for diagnosis and monitoring of the diseased states.

Modern techniques used in the clinical service and basic research laboratories are introduced with hands on various procedures to familiarize the students with scientific basis of modern methods. .



Department of Pharmacology and Therapeutics

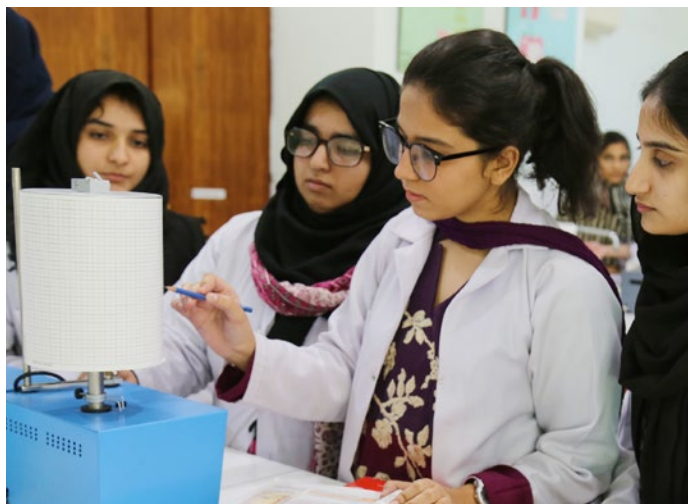


Prof Dr Saba Tariq
(Head of Department)

The use of medicines is one of the principal ways of combating disease. The development of new and successful drugs requires advances and insights generated by scientific research. Pharmacology is concerned with the effects of drugs on living organisms whereas therapeutics deals specifically with the treatment of disease and the art and science of healing.

The Department of Pharmacology & Therapeutics is focused on basic life sciences research, undergraduate teaching for medical and dental students. The department is also involved in postgraduate teaching of biomedical sciences students.

Two of the strongest research areas within the Department are Endocrinology and Cardiovascular System. The Department has completed many research projects in collaboration with different scientist around the world. Many research projects are in phase of their completion. The main aim of our work is to understand mechanistically the critical building blocks of biological systems from molecules to cells and organ systems, in health and disease, and to identify components that can be modified through pharmacology or other therapeutic strategies to cure disease. The department aspires to do clinical trial in future with full zeal and zest.



Department of Pathology



Prof Dr Shazia Aslam
(Head of Department)

Pathology is a branch of medical science primarily concerning the cause, origin and nature of disease. It involves the examination of tissues, organs, body fluids and thus is the bridging discipline involving basic science and clinical practice. We are very proud of our longstanding excellence in patient care, education and research as we continue to build on these rich traditions into the future.

Our concerned medical years include 3rd and 4th year MBBS sessions. The 3rd year track serves to admit students with a long-term interest in basic tissue and organ structure and function through the knowledge of general pathology and microbiology. After this, students in 4th year MBBS work towards their expertise in disease mechanisms and specialized functions in the field of hematology, chemical pathology and histopathology. The department also caters classes of 2nd year BDS thus building up their basic knowledge in diseases process.

Department of Pathology is fully equipped to teach the undergraduates by the provision of highly advanced machinery like individual student binocular microscopes, Pentahed having LCD display, bihead microscopes and Labomed microscopes for micro photographic display of microscopic sections.

Department is equipped with highly specialized microtome, tissue processor, embedding station and grossing station to provide diagnostic facility to the hospital. The gross specimens are kept in world class museum to help inculcate the knowledge of different diseased organ systems to the students.

Thus pathology is an umbrella that incorporates a number of different areas of biological science. Our trained staff and workers help train our students to face the challenges of the new world and achieve their goals in future.



Department of Forensic Medicine & Toxicology



Prof Dr Shirza Nadeem
(Head of Department)

Forensic Medicine is portrayed as a key to the past, explanation of the present and a sign post to the future. It is an important undertaking and a valuable tool to assist in many civil & criminal procedures to provide justice & peace to the suffering humanity. The Department of Forensic Medicine focuses on the integration of basic sciences with applied sciences. It covers all facts that help in justice, starting from DNA analysis of crime scene evidence like blood, semen & other tissues to the Toxicological analysis of poisons & drugs. Now a days, virtual autopsy is emerging as a science which revises the technical procedure of standard autopsy with the utilization of modern radiological imaging techniques like CT scan & MRI.

The position of a Medical doctor is that of a key stone. He is one to perform all sorts of Medico legal work including autopsy, conducting Medico legal examination & preparation of medical record. Students are given hands on training in the Mortuary & Medico legal clinics under supervision of trained staff. Therefore, they are primed in such a way that they have full knowledge, skill & adequate training in the subject of Forensic Medicine & Toxicology.



Department of Community Medicine



Assoc Prof Dr Sumera Riaz
(Head of Department)

The Department of Community Medicine pursue mission Statement of; "To foster an environment of self directed, lifelong learning, research, health education, prevention & control among students through innovative teaching and training for an effective national and global healthcare system". Department main objectives are health promotion and prevention of diseases through community participation. Teaching and training in Community Medicine during 4th year MBBS aims at nurturing undergraduate medical students into a "7- Star Doctor". We are steadfast to make our future doctors Community Leaders, managers, decision makers, communicators, care providers, life long learners and researchers. Department inculcates research culture not only in its faculty members but also encourage its students for publication of their undergraduate research project. Mandatory Field Visits encourage students to develop critical thinking habit which is reflected in their evaluation report. During their Research Projects students learn questionnaire designing, data collection, data analysis and academic writing skills which help them to widen their knowledge base. In addition to that, Poster & 3-D Model Competition among students is one the salient features of the department. Every year students develop and design these posters. Community Medicine Journal further enhances innovative and creative

skills among medical students. News clipping related to various community health issues is displayed in these journals/ notebooks and health and policy gaps are being identified by students.

Health Awareness Seminars & Community Outreach Activities are being regularly organized by the department. In these awareness seminars faculty and students participate enthusiastically. Furthermore, department collaborate with Wave FM 96.6 to approach outreach community and spread awareness about various health issues.

Department museum is well equipped with requisite models, specimens & equipment necessary for tutorial & practical demonstration. In addition to that, department museum is outfitted with state of the art digital facilities to cater the needs of the course and students. WHO Sample Size Calculator, Statistical Package for Social Sciences (SPSS) & Turnitin softwares are available to assist students in their mandatory research work.

Department boundaries are extended beyond the institutional walls to the international domain; it has associations with the faculties from Deakin University Australia, Bradforshire University UK, and University of New South Wales Australia. Department is well connected with National and International Societies of Public Health.



Department of Medicine



Prof Dr Mirza Akmal Sharif
(Head of Department)

Department of Medicine is located on ground floor in Zainab Block of MTH. It has two medical units. All types of medical patients are admitted through emergency and OPD on alternate day by each unit. Each medical unit has 24 ward beds and 10 bedded HDU.

The objective of this ward is to educate students through modern means to arrive at a diagnosis and to know the proper management of the disease process, based on physiological, anatomical and pathological foundation which was laid in pre-clinical study years. Students are taught to collect information through history taking, physical examination, and laboratory evaluation. They learn to make differential diagnosis and medical decision for continued evaluation and therapy of patients.

Gastroenterology and Hepatology is an integral part of the department. Department of cardiology provides inpatient care for patients with cardiovascular diseases. It also provides services for the catheterization laboratory (invasive diagnosis, PCI), Echocardiography, ETT and Holter monitoring. Nephrology department is efficiently involved in both inpatient and OPD care for patients kidney diseases including diagnostic kidney biopsies. Dialysis unit provides facilities for emergency as well as regular hemodialysis for patients with kidney failure.

Rheumatology is also a part of Medicine Department. It handles the patients' with all types of arthritis and connective tissue diseases.



Department of Surgery



Prof Dr Tanvir Ahmad
(Head of Department)

The Department of Surgery at UMDc is one of the leading departments of hospital, recognized by PMDC for undergraduate training, house job and CPSP for post graduate training. The Department of Surgery aims to provide the highest excellence of surgical care to its patients in accordance with international norms of excellence. Our surgeons strive to advance the art and science of surgical care and to train future leaders in surgery.

The Departmental philosophy of quality and safety in surgery manifests in its active participation in quality improvement initiatives and strong emphasis on continuing education of its faculty and staff.

We are cultivating a unique environment to further our tripartite mission of clinical practice, research and education. Research articles of department are being published regularly

in PMDC recognized journals. Department has built its reputation as one of the best laparoscopic and thyroid surgery unit in Faisalabad and patient from far flung areas come here for these procedures. Department transfers information to students not only by lectures and ward training but also by arranging short group discussions, video sessions for different surgical procedures, CPCs and seminars.

Department provides its services round the clock for elective and emergency patients with the understanding that patient require more than our surgical expertise and advanced facilities. They seek to understand their condition and how they will be cared. All the services are free of cost as Madinah Foundation is bearing all the costs of these needy patients.



Department of Ophthalmology



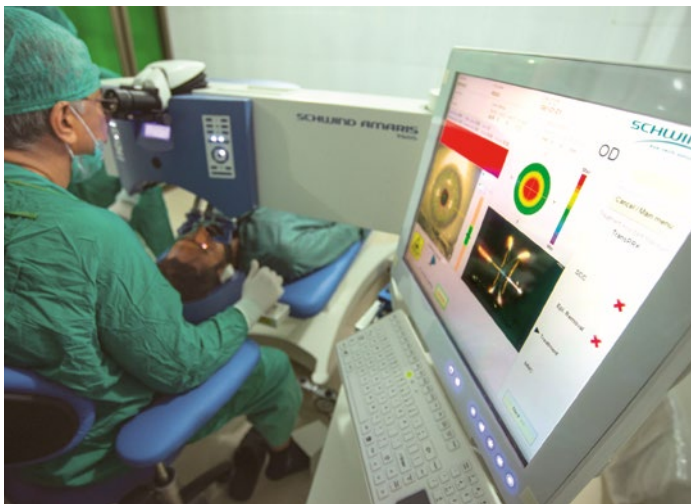
Prof Dr Aamir Ali Choudhry
Head of Department)

The Department of Ophthalmology is equipped with state of the art gadgets. The department has facilities of Corneal Transplant Surgery, Retinal Surgery, Yag Laser Photodisruption, Green Laser Photocoagulation, Fundus Fluorescein Angiography and Excimer Laser Photorefractive surgery.

This department is recognized for postgraduate training by College of Physicians and Surgeons of Pakistan and Royal College of Surgeons, England. The clinical teaching of undergraduates starts in third year. This includes tutorials, discussions, observing patients, basics of eye including the anatomy, physiology,

pathology and clinical methods.

During the fourth year, main emphasis is on eye diseases with relation to clinical methods, patient examination, tutorials and discussions are also dealt with. This department is one of the best in Pakistan and students get exposure to all sort of patients and surgical procedures to improve their knowledge and skill.



Department of Obstetrics & Gynaecology



Prof Dr Mubashara Naz
(Head of Department)

The Department of Obstetrics and Gynaecology is a dedicated unit that is destined to improve maternal health. The department offers a broad range of inpatient and outpatient services for women, including high risk obstetrical care, managing advanced obstetric trauma and gynaecological emergencies, routine antenatal care, reproductive endocrinology, comprehensive diagnostic and treatment of various gynaecological disorders. With the provision of minimally invasive surgery and advanced radiological facilities, the department has emerged as one of the leading tertiary care centers in the city.

The department is being recognized and appreciated as one of the leading referral centers in the division owing to its multidisciplinary nature and extended facilities available 24/7.

The department offers various educational programs for the under graduates, post graduates and the nursing students. The department has gained accreditation by various health care authorities including PMDC, UHS, College of Physicians

and Surgeons Pakistan, Royal College of Obstetricians and Gynaecology and Pakistan School of Nursing and Midwifery. The curriculum is designed to meet the challenges of modern obstetrical and gynaecological care as well as to decrease the devastatingly high maternal mortality rate in Pakistan. The department

started pilot program of modular system of education for final year MBBS in 2017 and is running it successfully. The students are taught modern concepts of medical education using live demonstrations in clinical practice and skill labs. The course enables many of the students to excel as leading obstetricians and gynecologists.

In various capacities, more than a dozen postgraduates candidates have passed their fellowship program in recent years and are serving in various national and international institutes. With the advent of fetal medicine unit later this year (2022), the department will run a pioneer project in this highly neglected field of Obstetrics in this part of country



Department of Pediatrics



Prof Dr Aisha Sajid
(Head of Department)

The Department of Pediatrics comprises of the pediatric ward and neonatal unit with well equipped neonatal intensive care. The department provides clinical training at undergraduate as well as postgraduate level. The clinical training for undergraduate MBBS students in the Pediatrics department provides experience in the pediatric inpatient, outpatient's clinic, intensive care, neonatal intensive care and nursery. The goal of training is to enhance students' clinical skills through personal experience and direct involvement in patient care. Different teaching methodologies are being used in the department including group discussions, case based discussions and problem passed learning.

Students are also provided with the opportunity to participate in seminars, clinical meetings and hands on clinical skill workshops. Academic excellence of the department is evident by successful annual results of final professional examination including distinctions every year. We believe in achievement and maintenance of excellence in healthcare, education and research to serve the humanity.





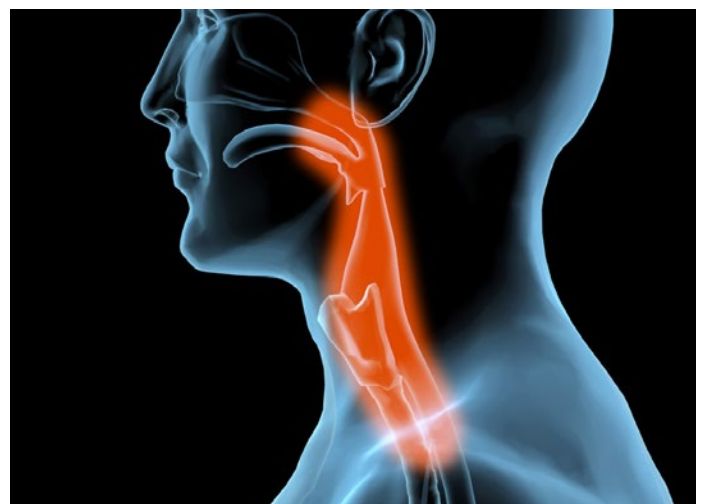
Department of ENT

Prof Dr Salah ud Din Ayubi
(Head of Department)

Education in ENT begins with out-patient observation, in patient care, attending operation theatre and going through clinico-pathologic conferences, where students participate through case presentation. The department organizes seminars and tutorials on common ENT problems.

The course starts during the third year MBBS, which includes tutorials and discussions, observing patients and basics of ENT including anatomy, Physiology, Pathology and clinical methods are taught. During fourth year MBBS, main emphasis

is on ENT diseases with relation to clinical methods, different diagnostic modalities and treatment protocol. Test at the end of posting including MCQ's oral and clinical examination is taken.



Department of Anesthesia & ICU



Prof Dr Nadia Bano
(Head of Department)

The department of anesthesia starts its teaching in the 3rd Professional. Students are rotated in operation theaters in batches. The department is fully equipped with state of the art facilities where students learn a number of procedures on a large variety of patients under the supervision of highly skilled teaching staff. Department has 17 functional

operation rooms. Patients from ASA I to V are managed with various anesthetic techniques. The department also provides its services in the area of critical care. The hospital has a well-equipped 6 bedded ICU. The department offers teaching and clinical experience to students, residents and clinical fellows.



Department of Psychiatry/Behavioural Sciences



Prof Dr Tariq Rashid
(Head of Department)

The Department of Psychiatry and Behavioral Sciences, UMDc provides services to a large catchman area of Faisalabad, Chiniot, Jhang, Toba Tek Singh and Hafizabad. Outpatient and liaison services are provided to different departments of Madinah Teaching Hospital. Teaching activities include clinical and theory classes to the final year MBBS students, while behavioral sciences lectures are delivered to the first year, second year and BDS students. There are library and audio visual rooms for undergraduate and postgraduate students. The department has well developed psychology section. Psychological assessment and psychotherapeutic services are provided to outpatients.

Psychological assessment includes the area of personality, intelligence and behavior. Individual therapeutic sessions are provided to out-patients. The Department provides daily living skills,

individual and family psycho education, adult day care and mental health counseling. Many research activities are being carried out in the department, current area of focus is adjustment disorder, reaction to stress, multiple studies have published in reputed journal others are in pipelines. Teaching of psychology and psychiatry to nursing and paramedical students is also carried out.

The department is running a outreach program to decrease stigma and increase awareness about mental health and drug abuse. Annual World Mental Health Day is also celebrated by the department. Free medical camps are also arranged in different towns of Jhang, Toba Tek Singh, Jharanwala, Samundari, Chiniot and Hafizabad.





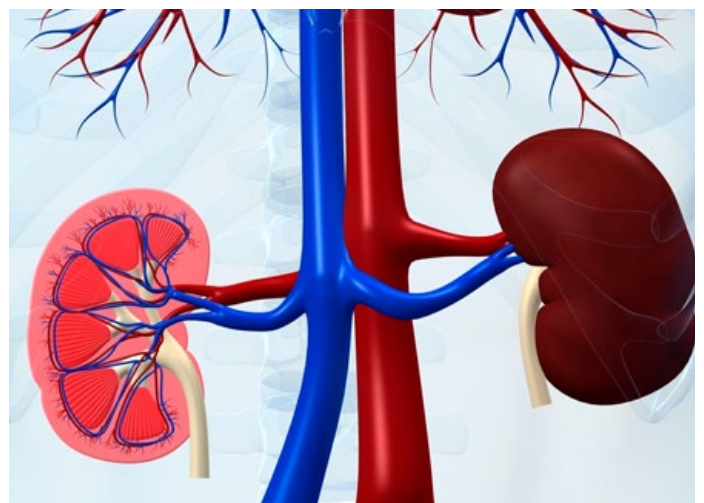
Department of Urology

Prof Dr M Akram Malik
(Principal UMDC/
Head of Department)

Urology is an offshoot of general surgery and diseases of urogenital system are dealt in this field. This is one of the fastest growing fields of medicine. Majority of urological procedures are dealt with endoscopic invasive techniques, dialyses, renal transplantation. Extracorporeal Shockwave Lithotripsy (ESWL), Uretero renoscopy (URS), intracorporeal litholopaxy, PCNL (Percutaneous Nephrolithotomy) are the new emerging techniques with TURP and Optical internal Urethrotomy as relatively older techniques.

Undergraduate and post graduate students attend the OPD, Indoor and operation theater in small groups for interactive sessions, clinical demonstration and observation as well as assistant to

urological procedure. The Department is fully equipped with latest equipment for majority of urological procedures and is recognized by CPSP for postgraduate training in Urology.



Department of Radiology



Prof Dr Anjum Mehdi
(Head of Department)

The Department of Radiology provides signposting imaging to the patients of all age groups from new born to geriatrics, in patients as well as ambulatory patients.

Radiology department of Madinah Teaching Hospital is working under supervision of Prof Dr Nayab Alia, FCPS Radiology. Radiology department is giving basic diagnostic facilities. The department of Radiology is the center of excellence for imaging service.

There are exciting imaging service like 64 slices CT Scan, 1.5 MR digital fluoroscopy and digital mammography, CR ultrasound and Doppler ultrasound. We have close working relationship with our clinical and colleagues and offer teaching and clinical training experiences for undergraduate medical student, residents and clinical fellows. The state of the art interventional radiological services are also provided like Abscess drainage, TACE, Microwave ablation and CT guided biopsies etc.





Prof Dr Tanzeela Khalid
(Head of Department)

Department of Dermatology

Dermatology, the study of skin diseases is introduced in the fourth year MBBS as part of allied medical subjects. Students attend ward rotation in batches. They not only learn how to diagnose and manage various skin diseases, but also experience how to counsel the patients with empathy and care.

Interactive methods of teaching including case based discussions are used to foster deep learning. During their stay in the ward, a hand on experience of various diagnostic and

therapeutic procedures carried out in Dermatology is provided. Patient encounters in hospital environment prove to be a great source of motivation for the future doctors. Theoretical aspects are covered by interactive lectures in the final year.





Department of Orthopedics

Prof Dr Hafiz Salman Saeed
(Head of Department)

The Department of Orthopaedics Surgery starts its teaching in the 3rd professional MBBS. In our department we care for adult and children with all kinds of musculoskeletal injuries as well as those who have chronic problems and complications of previous injuries.

The department has a full-fledged outpatient section. The ward is well-staffed and has all the instruments necessary for handling simple to compound fracture cases. Renowned orthopaedics specialists, plaster technicians and supporting personnel take care of the patients in the wards. The operation theaters are fully functional and several types of operations are carried out with excellent outcomes.

Among these are:

- Open reduction with internal fixation with plate and screw.
- Management of non unions and malunions
- Intra medullary close nails
- Hemiarthroplasty
- External fixators of various types
- Surgical correction of congenital anomalies like club foot, torticollis, springel shoulder and DDH
- Total knee and total hip replacement
- Soft tissue and bone tumor surgery

Arthroscopic procedures which include:

- Diagnostic arthroscopic
- ACL/PCL reconstruction
- Meniscal Repair
- Meniscectomy





Department of Medical Education

Dr Komal Atta

(Head of Department/
Director Medical Education)

The Department of Medical Education (DME) has been established at the University Medical and Dental College under instructions from Pakistan Medical and Dental Council with the mission to provide service to the community through quality education of health professionals. DME is striving to achieve excellence in medical education and provide the community with doctors and dentists not only better equipped with knowledge of the disease and relevant skills, but also the required attitudes and professionalism.

In other words, the future health professionals we expect to produce will be better armed with medical expertise and communication skills and should be able to stand out among the best in the world. We believe that the universities and medical colleges should not only impart knowledge but also create new knowledge. To this end the Department of Medical Education is endeavoring to launch research projects with

participation from faculty and students. DME is also responsible for faculty development. Workshops, seminars and courses are arranged regularly by DME to better equip the faculty with new trends in instruction, assessment and research. "Certificate in teaching and learning" is an example of such a course that has been designed to educate the faculty with the knowledge, skills and attitudes deemed necessary of a successful teacher.

DME is responsible for services such as career counseling for students, support program for students requiring motivational support and consultancy service for faculty members interested in taking educational initiatives.



Curriculum of MBBS

Islamiat & Pakistan Studies

A course of Islamic and Pakistan Studies is compulsory for the degree. In addition to existing curriculum for degree classes, muslim students are taught simple translation of the Holy Quran and Hadith and Fiqah relevant to the medical profession.

Curriculum of MBBS

The curriculum of the Medical Faculty has been developed to meet the demands of modern medical practice. It is community oriented and problem based. Under-graduate medical and surgical training is coordinated and supervised by highly qualified staff, aware of the latest medical research and development. The curriculum focuses on small group work relationship between students and the faculty in accordance with the guidelines of Pakistan Medical and Dental Council.

Scheme of Studies MBBS

First Professional MBBS

1. Anatomy
2. Physiology
3. Bio-Chemistry

Second Professional MBBS

1. Anatomy
2. Physiology
3. Bio-Chemistry
4. Islamiat/Pakistan Studies

Third Professional MBBS

1. Pharmacology and Therapeutics
2. Forensic Medicine and Toxicology
3. General Pathology
4. Behavioral Sciences

Fourth Professional MBBS

1. Special Pathology
2. Community Medicine
3. Ophthalmology
4. ENT

Final Professional MBBS

1. Medicine & Allied
2. Surgery & Allied
3. Obstetrics & Gynaecology
4. Paediatrics

First Professional MBBS

Second Professional MBBS

(a) Anatomy and Histology		(a) Anatomy and Histology	
One Paper	90 Marks	One Paper:	90 Marks
Internal Evaluation	10 Marks	Internal Evaluation	10 Marks
Oral & Practical	90 Marks	Oral & Practical	90 Marks
Internal Evaluation	10 Marks	Internal Evaluation	10 Marks
Total	200 Marks	Total	200 Marks
(b) Physiology		(b) Physiology	
One Paper:	90 Marks	One Paper:	90 Marks
Internal Evaluation	10 Marks	Internal Evaluation	10 Marks
Practical & Oral Exam	90 Marks	Practical & Oral Exam:	90 Marks
Internal Evaluation	10 Marks	Internal Evaluation	10 Marks
Total	200 Marks	Total	200 Marks
(c) Biochemistry		(c) Biochemistry	
One Paper	90 Marks	One Paper:	90 Marks
Internal Evaluation	10 Marks	Internal Evaluation	10 Marks
Oral & Practical	90 Marks	Oral & Practical	90 Marks
Internal Evaluation	10 Marks	Internal Evaluation	10 Marks
Total	200 Marks	Total	200 Marks

Note:

Any student who fails to clear the first Professional and second Professional MBBS examination separately in three chances availed or un-availed after becoming eligible for each examination, shall cease to become eligible for further medical education in Pakistan.

Third Professional MBBS Examination

(a) Pharmacology & Therapeutics		(c) Forensic Medicine	
Theory	135 Marks	Theory	90 Marks
Internal Evaluation	15 Marks	Internal Evaluation	10 Marks
Oral & Practical	100 Marks	Viva Voce/OSPE	90 Marks
Animal experiment	35 Marks	Internal Evaluation	10 Marks
Internal evaluation	15 Marks	Total	200 Marks
Total	300 Marks		
(b) Pathology General & Microbiology		(d) Behavioral Sciences	
Theory	135 Marks	MCQs	90 Marks
Internal Evaluation	15 Marks	OSCE	90 Marks
Practical & Oral Exam	135 Marks	Internal Evaluation	20 Marks
Internal Evaluation	15 Marks	Total	200 Marks
Total	300 Marks		

Fourth Professional MBBS Examination

(a) Community Medicine		(c) Otorhinolaryngology (ENT)	
Theory	135 Marks	Theory	90 Marks
Internal Evaluation	15 Marks	Internal Evaluation	10 Marks
Oral & Practical	110 Marks	Oral & Practical	90 Marks
Internal Evaluation	15 Marks	Internal Evaluation	10 Marks
Project	25 Marks	Total	200 Marks
Total	300 Marks		
(b) Special Pathology		(d) Ophthalmology	
Theory	135 Marks	Theory	90 Marks
Internal Evaluation	15 Marks	Internal Evaluation	10 Marks
Practical & Oral Exam	135 Marks	Oral & Practical	90 Marks
Internal Evaluation	15 Marks	Internal Evaluation	10 Marks
Total	300 Marks	Total	200 Marks

Final Professional MBBS Examination

(a) Medicine including Psychiatry & Dermatology

Theory	
Paper I	135 Marks
Internal Evaluation	15 Marks
Paper II	135 Marks
Internal Evaluation	15 Marks
Total	300 Marks
Clinical/Practical exam	
Clinical	240 Marks
OSCE	30 Marks
Internal Evaluation	30 Marks
Total	300 Marks
Grand Total	600 Marks

(c) Obstetrics and Gynaecology

Paper I	90 Marks
Internal Evaluation	10 Marks
Paper II	90 Marks
Internal Evaluation	10 Marks
Oral & Practical	180 Marks
Internal Evaluation	20 Marks
Total	400 Marks

(b) Surgery including Orthopedics & Anesthesia

Theory	
Paper-I	135 Marks
Internal Evaluation	15 Marks
Paper II	135 Marks
Internal Evaluation	15 Marks
Total	300 Marks
Clinical/Practical exam	
Clinical	240 Marks
OSCE	30 Marks
Internal Evaluation	30 Marks
Total	300 Marks
Grand Total	600 Marks

(d) Pediatrics

Theory	90 Marks
Internal Evaluation	10 Marks
Oral & Practical	90 Marks
Internal Evaluation	10 Marks
Total	200 Marks

Academic Achievements

Eleven batches of University Medical & Dental College (UMDC) have passed out. All are well placed and sizeable number of graduates are taking PLAB for UK, USMLE for USA and AMC for Australia. Furthermore number of graduates have passed FCPS in various disciplines and are serving in different parts of the country. Our graduates have served in well reputed hospitals like Aga Khan University Hospital Karachi and Shaukat Khanum Memorial Cancer Hospital Lahore.

FEATHERS IN THE CAP OF UMDC

- Ms Natasha Qutab secured 1st position in final professional MBBS 2010 in University of Health Sciences Lahore.
- Students of UMDC Namal Ilyas secured 3rd position in MBBS 2nd Professional, UHS Examination 2017.
- Students of UMDC Wasaq Ali secured 4th position in MBBS 2nd Professional, UHS Examination 2019.
- Rida Shahid, student of UMDC secured 2nd position in BDS Final Professional, UHS Examination 2016.
- Dr Qurat ul Aain, our graduate of 2013, did Master of Public Health (MPH) from Bradford University UK and currently she is doing PhD from University of Hertfordshire, London UK.
- Our Alumni (from first batch), and faculty members Associate Professor Dr Saba Tariq has completed her PhD in Pharmacology and Associate Professor Dr Sundus Tariq has done PhD in Physiology.
- Dr Samreena Salim now in USA has passed all steps of USMLE and doing residency in USA.
- Ms Samreena Salim secured 3rd position in final professional MBBS 2009 in University of Health Sciences Lahore.
- Hana Shabir, Ayesha Zahra , Fatima Shahzad & Nosheen Batool Batch of 2013 are doing FCPS training in Gynecology.
- Irum Asrar completed her MPhil in Histopathology and working as Assistant Professor of Pathology in Aziz Fatima Hospital Faisalabad.
- Hira Mumtaz Batch of 2011 has completed her training in Midland Regional Hospital Mullingar in Medicine sponsored by CPSP.
- Sonia Zahid from the same Batch is doing residency in a teaching hospital of USA.
- Kanwal Anwar & Maryam Zia, Batch of 2014 both have completed their residency training in USA in Internal Medicine.
- Anum Saleem & Samreen Saleem have passed FCPS in Hematology & Histopathology from Sheikh Zayyed Hospital and Aga Khan Hospital respectively.
- Madiha Tahir, Humna Najeeb Khan, Amna Azam, Fatima Asif Shah and Ameera Najam have completed their FCPS in Oral & Maxillofacial Surgery.
- Wafa Idrees passed FCPS in Orthodontics
- Maha Maqbool passed her FCPS in Periodontology
- Hafsa Manssor passed her FCPS in Operative Dentistry
- Dr Sundus Tariq, our proud alumnus, member of American Physiological society and Associate Professor of Physiology has various publications on her credit including 21 original articles, a book chapter and 10 published abstracts with a total impact factor score of 39.
- Dr Saba Tariq (MBBS, M Phil) has various international and national scientific publications on her credit including 24 original articles, a book chapter and 10 published abstracts with a total impact factor score of 46. She was awarded Gold Medal in her MPhil Pharmacology and Therapeutics from Shaikh Zayed Hospital Lahore. She is also a member of American College of Clinical Pharmacology.
- Dr Kashaf Zaheer, working as Assistant Professor of Pharmacology at Independent Medical College Faisalabad.
- Dr Saniya Ghaffar, currently working as Assistant Professor of Pathology HITEC Institute of Medical Sciences Taxila
- Dr Layla Shehbaz received her degree of MPH from Glasgow Caledonian University, UK
- Dr Uzma Sagheer currently working as Assistant Professor of Community Medicine at Aziz Fatima Medical & Dental College Faisalabad.

FEATHERS IN THE CAP OF UMDC

- Dr Shamayal Masood has done American Board Aesthetic Medicine in 2019 and now is working as sole proprietor, Aesthetic Physician in Multan.
- Dr Zara Saeed has passed her FCPS in Histopathology. She completed her training from Shaukat Khanum Memorial Cancer Hospital and Research Centre.
- Dr Iqra Ahmad Shah, passed her FCPS Histopathology and currently working as Head Department of Pathology in THQ Hospital Gujjar Khan.
- Dr Iqra Liaqat has passed her FCPS in Gynae & Obs and working as consultant Gynaecologist at THQ Tandlianwala
- Dr Saleha Zeeshan has completed MPhil Biochemistry and working as senior Demonstrator at AI –Aleem Medical College, Lahore.
- Dr Fatima Khalid has completed FCPS in Pathology and working as Consultant at Chughtai Lab Lahore.
- Dr Ayesha Mukhtar has done FCPS in Paediatrics and serving in her Private Clinic in Faisalabad.
- Dr Wajeeha Mufti working as Consultant Radiologist at Mustafa Trust Hospital Lahore.
- Dr Faryal Saeed has completed her FCPS in Gynae & Obs and working as consultant Obstetrician & Gynaecologist at Punjab Social Security Health Management Company Lahore.
- Faculty Member of the UMDC have over 600 original research papers published in PMDC & HEC recognized Journals. Moreover, there are many International publications in impact factor journals.
- UMDC has the honour to publish its own research Journal by the name of JUMDC duly recognized by HEC and PMDC and is placed in category “Y”.
- Every year our students interested in elective studies in eminent university hospitals of USA, visit during fourth and final year MBBS. This in fact is recognition of high quality of education imparted at UMDC.

Pride of UMDC - International Alumni

- Dr Javairia Hassan is currently working as COVID Response Medical Officer at Al-Rahba hospital Abu Dubai. She is first Pakistani who is awarded Golden Visa by UAE Government due to her services as front line health care doctor during COVID-19 pandemic.
- Dr Qurrat-ul-Ain, MPH, PhD, CPAD, is currently working as lecturer in applied Health and Social Sciences at University of Bedford Shire UK
- Dr Kanwal Anwar, MD Diplomate American Board of Internal Medicine, has done her Fellowship in Endocrinology, Diabetes and Metabolism from Tufts Medical Center, Boston, Massachusetts, USA. She is currently working as Endocrinologist at North Shore Physicians Group at Danvers, Massachusetts, USA.
- Dr Maryam Zia, MD. Batch of 2008-14, Diplomate American Board of Internal Medicine has done her Fellowship in Endocrinology from University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- Dr Samreena Saleem, MD. is Internal Medicine Specialist, currently working at Sound Physicians, The Jewish Hospital - Mercy Health, Ohio, USA.
- Dr Natasha Qutab is Resident Physician Neurology at University at Buffalo, New York, USA.
- Dr SahrishHina Shah, working as Assistant Professor of Medicine, Mayo Clinic MN, USA.
- Dr Aisha Ansar, working as Resident at Dept of Pathology & Laboratory Medicine, Vidant Medical center, Vidant Health Foundation, North Carolina, USA.
- Dr Sophia Azhar is General Practitioner, currently working at Oakley surgery, National Health Services (NHS), Luton, UK.
- Dr Aisha Asmat Chaudhry, batch of 2009-14 is GP speciality Trainee at Swansea Bay, NHS Trust/Velindre trust, UK.
- Dr Muqaddas Shafique is General Practitioner at Cheadle, Stoke on Trent, National Health Services, Staffordshire, UK.
- Dr Fatima Afzal, did MSc Public health and MSc Diabetes Clinical care and Management, Glasgow University, UK.
- Dr Sara Nawaz, batch of 2008-13, working as Junior Clinical Fellow Paediatrics at Northampton General Hospital, UK.
- Dr Sadaf Nazar, Clinical Fellow Paediatrics Department, Barking, Havering & Redbridge University Hospital, NHS Trust, UK.
- Dr Shahira Ashraf, Registered with Australian Medical Council (AMC) is currently Resident Medical Officer at St John of God Murdoch hospital, Perth, Western Australia.
- Dr Aqsa Tufail, batch of 2008-13 is currently Resident Medical Officer at Townsville University Hospital, QLD, Australia.
- Dr Huda Saeed, Member Royal College of Anesthesia, Ireland (MCAI) working as Anesthetist at MOH hospital, Riyadh, KSA.
- Dr Uzma Afzal, FCPS (Pak), MRCOG (UK), MRCPI (Ireland) is Specialist in Obstetrics & Gynaecology Department, Kanad Hospital, UAE.
- Dr Amna Tufail, FCPS, MRCPCH, MRCPI is Registrar of NICU/Paediatrics, Dubai.
- Dr Kalsoom Nasir, FCPS is currently working as Registrar Paediatrics Department, Abu Dhabi



POLICIES

University Medical & Dental College (UMDC) is a Constituent College of The University of Faisalabad (TUF), hence policies of TUF are applicable to UMDC. Please refer to Students Hand Book for details of policies.

DISCLAIMER

This prospectus provides information about academic programs in UMDC and should not be taken as binding on the information contained in it, including educational admission procedure or criteria to the examination, regulation or discipline as periodically reviewed by the competent authorities. The UMDC reserves the right without notice to make changes in rules and regulations, courses and financial policy applicable to students whenever it is deemed appropriate or necessary.



UNIVERSITY MEDICAL & DENTAL COLLEGE

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