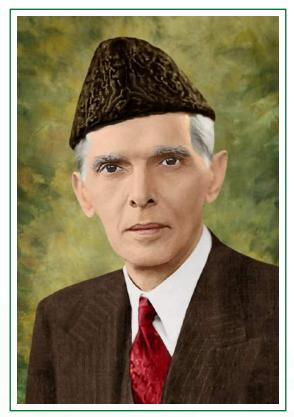




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Quaid-e-Azam Muhammad Ali Jinnah Founder of Pakistan

The duties required of you now are: Develop a sound sense of discipline, character, initiative and solid academic background. You must devote yourselves to your parents and to the state. You must learn to obey for only then you can learn to command.



Respect, Excellence, Leadership, Integrity, Compassion (RELIC)

Ensure deep Respect for people

We treat people as individuals, promoting an inclusive environment that values the capabilities and contributions of each person.

Promote Consistent culture of Excellence

We are distinguished for innovation and continuous improvement of our competency-based approach to medical education and solution-based approach to health problems.

Demonstrate Leadership in all we do

We are committed to the success of our people, our profession, our patients and our stakeholder's at large, demonstrating leadership at all levels.

Act with Integrity in all of our endeavors

We embrace the very highest standards of ethical behavior and exemplary moral character

Treat with Compassion

We nurture the spiritual, physical and emotional well-being of one another and those we serve.

VISION

To be a leader in medical education and health services and improve the lives of the communities we serve through excellence in learning, innovation, research and healing.

MISSION

To produce competent and compassionate health professionals to serve the humanity.

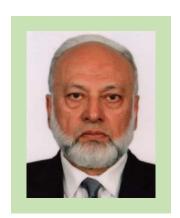
To provide supportive environment for enhancing learning and fostering innovation and address the most vexing challenges in health care.

To improve health of community by providing exceptional care and unparallel medical services through highly qualified and experienced medical professionals with compassion.





CHAIRMAN'S MESSAGE



Dr. Abdul Qadir
Chairman
Margalla Institute of Health Sciences

Vision without action is mere a dream. Action without vision just passes the time, but vision with action can change the era. With clear vision and mission we took the initiative to set up Margalla College of Dentistry, Islamabad College of Physiotherapy & Margalla College of Pharmacy to fulfill the need of ever enhancing clientele. Right from its inception in 1997 Margalla Institute of Health Sciences has emerged as one of the fastest growing professional educational institutes in the field of health sciences.

The institute has been providing standard education through heuristic approach to all individuals who acquire local and global perspective of the diseases process in its entire modern ramification and empowering themselves with skills. Management made extensive efforts to acquire qualified and experienced faculty within the country and abroad. They endeavor to disseminate knowledge and skill under a very congenial and aspiring environment.

I seek Allah Almighty's bestowal and beseech to give us integrity of purpose to make this institute a mark of excellence in all its facets (Aameen)





MARGALLA INSTITUTE OF HEALTH SCIENCES CAMPUS & CITY

The MIHS campus is located in the scenic surrounding of Rawalpindi / Islamabad, the twin city. The campus is in close vicinity to the high court and is merely 1 KM from the historical Grand Trunk Road. The beautiful Bahria Town and Safari Villas add to the splendor of the surroundings. The building comprises of more than 125,000 square feet of covered area, which has a purpose-built interior with all facilities and infrastructure consistent with the academic and clinical training requirements.

All Basic Sciences Departments in the Institute are spacious having large laboratories, museums and air-conditioned lecture halls. The 150 Beds General Hospital (at Pir Wadhai, Rawalpindi) possesses all basic diagnostics facilities, including Department of General Medicine & General Surgery, ICU and Casualty. The college is unique in its nature as all clinical and academic activities are under one roof.

Margalla has recently acquired a land measuring 25 kanals on the main Islamabad Express Way. The construction of a purpose-built campus and hospitals has already started.









Faculty of Pharm. D and Outgoing Session



Editorial Board of MIHS



Administration MIHS



Proctorial Board of MIHS













PHARMACY





Batches of Pharmacy have already been passed out Pioneer in providing Pharmacy education in private sector MIHS graduates are serving on leading posts nationwide as well as abroad



MARGALLA INSTITUTE OF HEALTH SCIENCES





Quaid-e-Azam Avenue, Gulrez-III, Rawalpindi, Pakistan Phone: 051-5509817, 5509518, 5509323, 5974283, Fax: 051-5596905 Email: info@margalla.edu.pk | Web: www.margalla.edu.pk

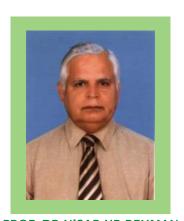








DEAN'S MESSAGE



PROF. DR NISAR-UR-REHMAN

Dean/Professor

B. Pharm, Master of Pharmacy. PhD, Post.Doc.

Pharmacy plays a crucial role in the health care and drug delivery system of a country. Pakistan needs highly competent pharmacy professionals to meet the challenges of 21st century. Keeping in view this perspective, we are determined to prepare pharmacy graduates who can play an effective role in the rational use of drugs, adverse drugs action monitoring, safe and effective drug delivery system, proper storage of drugs, and pharmaceutical management & development.

Pharmacists play a vital role in the health of their communities in a variety of settings including hospitals, long-term care facilities, hospital pharmacies, community pharmacies, regulatory agencies and within the pharmaceutical industry.

The mission of Margalla College of Pharmacy is to provide excellent education in a stimulating environment where delivery of superb pharmaceutical care is integrated with nationally and internationally recognized research. In order to achieve our mission we apply innovative and proven educational methods to produce pharmacists who possess the skills and knowledge they need to serve their patients in an ethical and professional manner and make available best possible care for the ailing humanity.

The Curriculum has been designed incorporating the requirements of Pharmacy Council of Pakistan and the latest development taking place in the field of pharmacy globally. Our academic programme is accredited by the affilated Riphah international university. We will make every effort to create an excellent teaching learning environment and pursue students to unfold their potential, closely interact with the faculty and visiting



scientist from the pharmaceutical industry time to time and participate actively in various extracurricular activities.

We remain committed to extending the scope of the profession and preparing tomorrow's leaders to best serve the needs of the nation. I extend heartfelt welcome to all the new entrants in our Pharm. D (Doctor of Pharmacy) programme and wish you success in all your endeavour and future career.







INTRODUCTION

Margalla College of Pharmacy (MCP) is a constituent college of Margalla Institute of Health Sciences and its foundation was laid in 2009. The college inducted its first batch in 2010 for 5 years Doctor of Pharmacy (Pharm.D) program, only after its approval from Pharmacy Council Pakistan and affiliation with Riphah International University.

Mission

Mission of Margalla College of Pharmacy is to provide excellent education in a stimulating environment where delivery of superb pharmaceutical care is integrated with nationally and internationally recognized research.

In order to achieve our mission we apply innovative and proven educational methods to produce pharmacists who possess the skills and knowledge they need to serve their patients in an ethical and professional manner and make available best possible care for the ailing humanity.





Description

It is the FIRST and ONLY pharmacy institute in Rawalpindi city both in public and private sector. Margalla Institute of Health Sciences is determined to provide the best possible education and knowledge in different areas of health sciences. Recently it has embarked upon a new important discipline of medical science namely; Doctor of Pharmacy, which is a five years degree program









after F.Sc / A level. The curriculum designed is precisely in line with the recommendations of the Pharmacy Council of Pakistan (PCP), Higher Education Commission (HEC) and the latest trends being followed in various developed countries of the world.

During the past 15 years the profession of Pharmacy has attained great importance and significance internationally for ensuring the safe, effective and rational use of drugs, owing to the unprecedented demand of qualified pharmacist in various sectors like hospital pharmacy, industrial pharmacy, retail pharmacy and government regulatory agencies.

Pharmacists play a vital role in improving patient care through the medication and information they provide. In a survey recently conducted, it is the third largest health profession in the United States.

The facility developed in MIHS includes new laboratories for various main subjects on pharmaceutical sciences, provision of new lecture halls which are all equipped with latest audio visual aids.

What is Pharmacy?

Should I Apply for this Program (Pharm.D)? Should I Adapt Pharmacy as A Profession?

These are the question that students often have about what "pharmacy" really is. Before applying to a pharmacy program, it is a good idea to have an understanding of what you are about to undertake. The following is meant to provide an overview of the profession and answer some of the common questions about studying, practicing and scope of pharmacy in Pakistan and Abroad.

What is Pharmacy?

Pharmacy is a profession and field of the health sciences that is charged with the provision of ensuring safe and effective use of medications. Traditionally pharmacy and the role of the pharmacis have included the compounding and dispensing of medications, however, more recently pharmacists are playing an increasing role







in providing patient care and services including medication review, clinical practice, and drug information. The pharmacist is also activly involved in drug research and development, evaluation, drug monitoring, as well as consultaion. As drug experts, pharmacists are trained in understanding how medications work, their role in therapy for a particular condition, side effects, interactions, and monitoring parameters. They are responsible for communicating this knowledge to their patients, as well as other health care professionals as a member of an interdisciplinary team. Pharmacists are able to assess and determine if the drug therapy will be necessary, safe, and effective in an individual patient, while working as a part of a health care team to ensure this is realized.

Hence, pharmacy is much more than a field of study. It is a career which allows you to use your extensive knowledge of medications in order to improve the patient's drug therapy outcomes and enhance their quality of life.



What will I Study in Pharmacy (Pharm.D)?

The pharmacy curriculum in Pakistan is being continuously monitored/improved and governed by Pharmacy Council of Pakistan (PCP) in collaboration with the Higher Education Commission (HEC). Prior to applying to pharmacy, you should have qualified FSc. Premedical with atleast 60% marks.

During the 5 year Pharm.D program, you will be ready to take anatomy, physiology and biochemistry to learn about what the body is made of and how it works. These courses are usually taken early on in the program, and may be supplemented with microbiology and organic chemistry. In first year, many students also get an introduction to practical pharmacy through a laboratory course (Pharmaceutics). The bulk of the courses are structured in a comprehensive way, so that students learn about a disease, medications used to treat it, how these drugs work, and what types of non-prescription or herbal medications









that may be used, if appropriate. This is usually done by taking courses in microbiology, pathology, pharmacology & therapeutics and natural health products (Pharmacognosy). Throughout the program, there will also be courses in pharmacokinetics (the drug's fate in the body), pharmaceutical chemistry, drug development and drug testing.

In addition, it would be difficult working as a pharmacist after graduation without having any practical experience. The new curriculum has a mandatory set of rotations which occur throughout your studies classes and/or in the fourth and final year of studies. Rotations are done in community and hospital pharmacies, as well as Pharmaceutical industries. Be ready for a busy five years!!!

What will I Do After I Graduate (Future Prospects)?

Graduating with a Doctorate of Pharmacy certainly opens doors for your future. There are a variety of careers that are available to pharmacists, and following is a list and description of the most common ones:

1. Community Pharmacy:

Approximately, 5 to 10% of graduates go on and become employed/own a community (or retail)

pharmacy setting. In this field, a staff pharmacist is responsible for making sure that the prescribed drug therapy is appropriate, counselling the patients on their medication, and ensuring efficacy through monitoring. The community pharmacist is also available to make over-the-counter drug and herb recommendations and assess if the patient needs referral to another health care professional such as a doctor. As front line health care professionals, community pharmacists can also be involved in putting on clinics, participating in research, servicing facilities such as assisted living homes, and staying current with completing continuing education credits. In this career, there are also ownership and managerial opportunities, as well as preceptorship and mentoring of future pharmacists.

2. Hospital Pharmacy:

As the title suggests, this is a career which







provide input on their expertise with regard to drug therapy. Hospital pharmacists also participate in research, continuing education, may be part of therapeutic or formulary boards and committees. A career in hospital pharmacy also allows for management, preceptorship, as well as the mentorship of future pharmacists.

3. Industry:

There are great opportunities for pharmacists in drug manufacturing, research and development, either with large pharmaceutical companies, or with independent first venture firms. Approximately, 75 to 85% of graduates adapt this field.

Contrary to popular belief that drug representatives are actually pharmacists, the industry has many diverse roles to offer. There are positions in all levels of the company structure, from research, production, marketing, sales, and professional services and all the way up to becoming the CEO (after much experience of course). There are more than 650 local and 50 multinational pharmaceutical manufacturing units in Pakistan, which are wholly solely managed and driven by Pharmacists.

4. Academia:

Do you envy the careers that your teachers/professors have? Being a pharmacist also enables you to never leave university – that is if you become member of the faculty. Some pharmacists, especially those who have completed higher education such as M.Phil or a PhD, are either full or part time professors in their respective departments. This allows them to teach and mentor pharmacy students in the area of their expertise, while contributing to the revision of the faculty/college curriculum. Many professors also conduct research for the university and hold position

with other faculties such as medicine or science. Faculty members also work with students through practical experiences such as directed studies programs or on-campus research conferences. A very diverse career indeed.

5. Regulatory Authorities:

Part of the definition of being a profession requires that pharmacists be self-governing. All pharmacists who are practicing in a particular province or territory belong to a governmental authority/association that governs profession. These regulatory bodies also require pharmacists to write, review, update pharmacy laws, ethics and obligations, in order to serve as a resource centre for their members, while possibly also advocating for the profession. There exists a proper laid down system for such governing bodies (Pharmacy Council Pakistan and Drug Regulatroy Authority). Hundreds of Pharmacists work in these government regulatory bodies varying from Grade BPS-17 to BPS-21. Having permanent government jobs at these high cadres is perhaps the strongest support for the Pharmacy profession.

6. Other:

And by "other" this means many many others. Pharmacists may also have careers in advocacy groups, government & non-government associations, as well as serving in developing countries, investment banking, sales and trading, authors...the opportunities are endless. An emerging field is the Biotechnology Drug Design in Pharmaceutical Research.

I hope you can very well realize now as to what a diverse career pharmacy can be and the exciting opportunities that await you.





COURSE CONTENTS

Pharm.D. FIVE-YEAR COURSE SCHEME OF STUDIES FOR Semester SYSTEM



1 st Professional Pharm.D.			
1st Semester		2 nd Semester	
Subject	Cr. Hr.	Subject	Cr. Hr.
English-A (Functional English) Pharmaceutics-IA (Physical Pharmacy) Pharmaceutical Chemistry-IA (Organic) Pharmaceutical Chemistry-IIA (Biochemistry) Physiology-A (Anatomy & Histology) Life & Living-I	2 3+1 3+1 3+1 3+1 3+1 1	English-B (Communication & Writing skills) Pharmaceutics-IB (Physical Pharmacy) Pharmaceutical Chemistry-IB (Organic) Pharmaceutical Chemistry-IIB (Biochemistry) Physiology-B Life & Living-II	4 3+1 3+1 3+1 3+1
Total Cr. Hr	23	Total (r. Hr. 21





2nd Professional Pharm.D. 1st Semester 2nd Semester Subject Cr. Hr. Subject Cr. Hr. Pharmaceutics-IIA (Dosage Form Science) Pharmaceutics-IIB (Dosage Form Science) 3+13+1Pharmaceutics-IIIA (Pharmaceutical Pharmaceutics-IIIB (Pharmaceutical Microbiology & 3+1 3+1Microbiology & Immunology) Immunology) 3+13+1Pharmacology and Therapeutics-IA Pharmacology and Therapeutics-IB 3+13+1Pharmacognosy-IB (Basic) Pharmacognosy-IA (Basic) 3 3 Pharmacy Practice-IA Pharmacy Practice-IB (Bio-statistics) 2 (Pharmaceutical Mathematics) Life & Living-IV Life & Living-III Total Cr. Hr. 20 Total Cr. Hr. 21







3 rd Professional Pharm.D.				
1st Semester		2 nd Semester		
Subject	Cr. Hr.	Subject	Cr. Hr.	
Pharmacy Practice-IIA (Dispensing Pharmacy) Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis) Pharmacology and Therapeutics-IIA Pharmacognosy-IIA (Advanced) Pathology Life & Living-V	3+1 3+1 3+1 3+1 3+1	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy) Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis) Pharmacology and Therapeutics-IIB Pharmacognosy-IIB (Advanced) Pharmacy Practice-III (Computer and its Applications in Pharmacy) Life & Living-VI	3 3+1 3+1 3+1 3+1	
Total (Cr.Hr. 21	Tota	d Cr. Hr. 20	









4 th Professional Pharm.D.			
1 st Semester		2 nd Semester	
Subject	Cr. Hr.	Subject	Cr. Hr.
Pharmacy Practice-IVA (Hospital Pharmacy) Pharmacy Practice-VA (Clinical Pharmacy) Pharmaceutics-IVA (Industrial Pharmacy) Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics) Pharmaceutics-VIA (Pharmaceutical Quality Management) Life & Living-VII	3 3+1 3+1 3+1 3+1	Pharmacy Practice-IVB (HospitalPharmacy) Pharmacy Practice-VB (Clinical Pharmacy) Pharmaceutics-IVB (Industrial Pharmacy) Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics) Pharmaceutics-VIB (Pharmaceutical Quality Management) Life & Living-VIII	3 3+1 3+1 3+1 3+1
Total C	r. Hr. 20	Total Cr	. Hr. 20

	5 th (Final) Professional Pharm. D.				
	1st Semester	2 nd Semester			
	Subject	Cr. Hr.	Subject	Cr. Hr.	
	Pharmaceutics-VIIA (Pharmaceutical Technology)	3+1	Pharmaceutics- VIIB (PharmaceuticalTechnology)	3+1	
	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	3+1	3+1		
- 1	Pharmacy Practice-VIIA (Forensic	3+1 Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)			
	Pharmacy)	3	Pharmacy Practice-VIIB (Forensic Pharmacy)	3	
	Pharmacy Practice-VIIIA	1111	Pharmacy Practice-VIIIB		
	(Pharmaceutical Management & Marketing)	3	(Pharmaceutical Management & Marketing)	3	
	Pharmaceutical Chemistry-IVA		Pharmaceutical Chemistry-IVB		
	(Medicinal Chemistry)	3+1	(Medicinal Chemistry)	3+1	
	Life & Living-IX	1	Life & Living-X	1	
	Total Cr. Hr. 19		Total C	Cr. Hr. 19	



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Pharm.D. Five-Year Credit Hours Summary				
Pharm.D.	1 st Semester	2 nd Semester	Total	
Professional	Cr. Hr.	Cr. Hr.	Cr. Hr.	
1 st 2 nd 3 rd 4 th Final	23 20 21 20 19	21 21 2020 19	44 41 41 40 38	
Total Credit Hours	103	101	204	

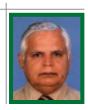






FACULTY DOCTOR OF PHARMACY (Pharm.D.)

PROF. DR NISAR-UR-REHMAN Dean/Professor B. Pharm, Master of Pharmacy, PhD. Post.Doc.



DEPARTMENT OF PHARMACEUTICS

DR. IHSAN SHAH Senior Lecturer Pharm.D, M.Phil



DR. FOUZIA TASLEEM **Senior Lecturer** B.Pharm, M.B.A, M.Phil



DEPARTMENT OF PHARMACUTICAL CHEMISTRY

DR. TARIQ JAVED Assistant Professor B.Pharm, M.Phil



DR. MUHAMMAD NOUMAN ARIF Lecturer Pharm.D, M.Phil



DR. MUHAMMAD TARIO KHAN **Assistant Professor** Pharm D. M. Phil



DR. NOOR UL AIN RIAZ Senior lecturer Pharm D. M. Phil



DEPARTMENT OF PHARMACOGNOSY

DR. SAIRA KHALIL Lecturer Pharm.D, M.Phil







DEPARTMENT OF PHARMACOLOGY

DR. TAHIR AQEEL MALIK Associate Professor B. Pharm, M.Phil



DR. ASAMA JAN MUHAMMAD Assistant Professor B. Pharm, M.Phil



DR. ZUJAJA KHAKWANI Assistant Professor B.Pharm, M.Phil



DEPARTMENT OF PRACTICL PHARMACY

DR. ATTA-UR-REHMAN Lecturer Pharm.D, M.Phil



DEPARTMENT OF ANATOMY

PROF. DR. FARHEEN MASOOD Professor MBBS, M. Phil



DR. MARIA IRUM Lecturer MBBS











DEPARTMENT OF PHYSIOLOGY

DR. IRAM REHMAN Assistant Professor MBBS, FCPS



DR. TAMKEEN FATIMA Lecturer BDS



DEPARTMENT OF PAK STUDIES / ISLAMIAT

HAFIZ MUHAMMAD HAFEEZ Lecturer Hafiz-E-Quran



DEPARTMENT OF ENGLISH

SHAHNAZ JAMAL Lecturer (Visiting) M.A (English) M.A (EPM)



HAFIZ M. AYAZ TAYYAB Lecturer Hafiz-e-Quran



DEPARTMENT OF STATISTIC

SANIA KHAWAR KIANI Lecturer Visiting M. Phil



DEPARTMENT OF INFORMATION TECHNOLOGY (I.T)

AFTAB KHAN Senior Lecturer MCS



DEPARTMENT OF METHMATICS

DR. MIRZA YASIR Lecturer MSC





HONOURS AND AWARDS

Positions of Students at University /MCP, MIHS Level

BEST GRADUATS



TANYA WASEEM

1st Professional Annual Examination 2013 1st Position in MCP, MIHS 2nd Professional Annual Examination 2014 1st Position in MCP, MIHS 1st Position in University 3rd Professional Annual Examination 2015 1st Position in MCP, MIHS 1st Position in University 1st Professional Annual Examination 2016 1st Position in MCP, MIHS 4th Professional 1st Annual Examination 2016 1st Position in MCP, MIHS FINAL Professional 1st Annual Examination 2017 1st Position in University 1st Position in MCP, MIHS



AQSA ALAM

1st Professional Annual Examination 2013 2nd Position in MCP, MIHS 2nd Professional Annual Examination 2014 3rd Position in MCP, MIHS Final Professional 1st Annual Examination 2017 2nd Position in MCP, MIHS



SIBGHA MUNIR

1st Professional Annual Examination 2013 3rd Position in MCP, MIHS 3rd Professional Annual Examination 2015 2nd Position in MCP, MIHS 3rd Position in University



ATTIOA KAYANI

1st Professional 1st Annual Examination 2016 1st Position in MCP, MIHS 2nd Professional Annual Examination 2017 2nd Position in MCP, MIHS



SHINZA SHAHID



1st Professional 1st Annual Examination 2016 2nd Position in MCP, MIHS 2nd Professional 1st Annual Examination 2017 1st Position in MCP, MIHS



NIMRAH MALIK

3rd Professional Annual Examination 2014 2nd Position in MCP, MIHS 4th Professional Annual Examination 2015 3rd Position in MCP. MIHS Final Professional Annual Examination 2016 1st Position in MCP, MIHS



MOMNA NOOR GHORI



1st Professional 1st Annual Examination 2016 2nd Position in MCP, MIHS 2nd Professional 1st Annual Examination 2017 3rd Position in MCP, MIHS



TASKEEN FATIMA



3rd Professional Annual Examination 2014 3rd Position in MCP, MIHS Final Professional 1st Annual Examination 2016 2nd Position in MCP, MIHS



SUMBAL MAZAHAR

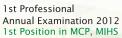


1st Professional 1st Annual Examination 2016 3rd Position in MCP, MIHS





HAFSA SAIEED











FAARIHA KANWAL RASHID

4th professional 1st Annual Examination 2016 2nd Position in MCP, MIHS



ANNETTE NASIR

1st Professional Annual Examination 2014 3rd Position in MCP. MIHS 2nd Professional Annual Examination 2014 1st Position in MCP, MIHS 1st Position in University 4th Professional 1st Examination 2017 2nd Position in MCP, MIHS



KHUSH BAKHT MALIK

Final Professional 1st Annual Examination 2017 3rd Position in MCP, MIHS



SIDRA ZUBAIR

1st Professional Annual Examination 2014 1st Position in MCP, MIHS 2nd Position in University 2nd Professional Annual Examination 2015 2nd Position in MCP, MIHS 2nd Position in University 3rd Professional 1st Annual Examination 2016 1st Position in MCP, MIHS 4th Professional

1st Annual Examination 2017

1st Position MCP.MIHS



KIRAN ABBAS

1st Professional Annual Examination 2015 1st Position in MCP, MIHS 1st Position in University 2nd Professional 1st Annual Examination 2016 3rd Position in MCP, MIHS



TOOBA MUSHTAO

2nd Professional Annual Examination 2013 2nd Position in MCP, MIHS



SAMIA BIBI

1st Professional Annual Examination 2014 2nd Position in MCP, MIHS 3rd Position in University 2nd Professional Annual Examination 2015 3rd Position in MCP, MIHS 3rd Professional 1st Annual Examination 2016 2nd Position in MCP, MIHS 4th Professional 1st Annual Examination 2017

AYESHA KHADIM

1st Professional Annual Examination 2015 2nd Position in MCP, MIHS 2nd Position in University



KASHMALA TASNEEM

1st Professional Annual Examination 2012 3rd Position in MCP, MIHS 2nd Professional Annual Examination 2013 3rd Position in MCP, MIHS 3rd Professional Annual Examination 2014 3rd Position in MCP, MIHS 4th Professional Annual Examination 2015 2nd Position in MCP, MIHS

NATASHA KANWAL



AYESHA NAWAZ

1st Professional Annual Examination 2015 3rd Position in MCP, MIHS 2nd Professional Annual Examination 2016 1st Position in MCP, MIHS



2nd Professional

Annual Examination 2014 2nd Position in MCP, MIHS 3rd Position in University 3rd Professional Annual Examination 2015 3rd Position in MCP, MIHS 4th Professional 1st Annual Examination 2016 3rd Position in MCP, MIHS





SAMAN SHAFIQUE 3rd Professional Annual Examination 2017 2nd Position in MCP, MIHS







HONOURS AND AWARDS

Positions of Students at University /MCP, MIHS Level



FARAN AKHTAR QURESHI 2nd Professional Annual Examination 2015 3rd Position in MCP, MIHS



MAHNOOR AHMED

1st Professional Annual Examination 2012 1st Position in MCP, MIHS 2nd Professional Annual Examination 2013 1st Position in MCP, MIHS 3rd Professional Annual Examination 2014 1st Position in MCP, MIHS 3rd Position in University 4th Professional Annual Examination 2015 1st Position in MCP, MIHS Final Professional 1st Annual Examination 2016 3rd Position in MCP, MIHS



RAMSHA LIAQUAT 3rd Professional Annual Examination 2016 3rd Position in MCP, MIHS



DISCLAIMER: This prospectus 2017-2018 provides information about the academic programs of various disciplines of Margalla Institute of Health Sciences and should not be taken as binding on the Institute. Information contained in it, including curriculum, admission procedure, criteria of examinations regulation, discipline fee & dues etc., is periodically reviewed and revised by the competent authority and the authority has the rights to change any rules, regulations and financial effects applicable to students whenever it is deemed appropriate or necessary.







Application Procedure

The Admission notice will be advertised in all National leading newspapers & on the Website of MIHS (www. margalla.edu.pk). Admission forms will be available from the admission office of MIHS located at Gulrez-III, Quaid-e-Azam Avenue, Rawalpindi. The candidates should submit their complete filled in admission forms in person on the above mentioned address. The selection of the candidate is purely on merit. There are no reserved seats and no quota system.

Provisional Admission

Admission will be provisional. Any applicant whose particulars, certificates or any other document submitted with the admission form, if found incorrect, false, forged or fake on confirmation from the board/relevant authority, or whose authentication/validation is doubtful at any stage, will be struck off from the college and the admission will be cancelled, even if the candidate has been admitted. A student can be removed from the institute at any time during the course of his/her

study, if incorrect or wrong and false data has been submitted by such a candidate/Parent/Guardian at the time of admission or because of misconduct or violation of rules. Candidates who failed to report for test / interview or failed to deposit the admission dues within the prescribed date will be considered to have forfeited the right of admission.

Eligibility Criteria:

The minimum academic qualification for admission of a candidate to the First Professional of Doctor of Pharmacy (Pharm.D) shall be:-

F.Sc. Premedical or equivalent* qualification with at least 60% marks from any recognized institution in Pakistan or abroad.

OR

B.Sc. from any Pakistani University with Intermediate Science (F.Sc.), examination (Premedical) with at least 60% marks.

*Equivalence to be determined by the Inter-Board Chairmen Committee (IBCC) Islamabad for recognition of the qualification

Entry/Aptitude Test

All the candidates shall have to appear in the entry/aptitude test of the college. Following subjects will be included which a candidate has already studied in intermediate F.Sc. examination along with current affairs.

- Chemistry
- Biology
- English
- General Knowledge





Merit

The merit will be determined as under:-

Matric	10%
F.Sc / Equivalent / B.Sc.	70%
Aptitude test/Interview	20%

Interview:

The finally selected students will have to appear personally before the Admission Committee of the MIHS for interview along with their original documents prior to depositing their dues.

Documents Required with the Admission Form

You are required to ensure the following documents enclosed with your Admission Form:

- Recent Photograph: (Four Copies) (with blue background, 1x1inch)
- Recent Photograph: (Twelve Copies)
 (with blue background, Passportsize
- Character Certificate:(One Copy)
- SSC / O Level :(Six Copies)
- HSSC / A Level:(Six Copies)
- Equivalence Certificate form :(Six Copies)
- IBCC for O/A Level (if Applicable)
- Student's NIC / B Form :(Six Copies)
- Domicile:(Two Copies)
- Parent's / Guardian's NIC:(Six Copies)
- NOC for other Board / University: Original and Undertaking on Stamp Paper
- Undertaking on Stamp Paper: Original
- Mental and Physical Fitness

Certificate:Original

- Matriculation & Intermediate: Original
- Marksheets/Dgrees (After Admission)

Teaching Methodologies

There are some advanced ways of teaching for effective learning and building student's capabilities, some of them includes

- Lectures
- Practical performances
- Workshops and seminars
- Industrial as well as hospital and clinical pharmacy practices.
- Audio/visual facilities
- Computer based knowledge extraction techniques.

Learning ability of students is assessed from time to time by using the following protocols:

- Examinations
- Presentations
- Group discussions
- Ouizzes
- Project Reports
- Assignments
- Internship reports
- Seminars

Academic Policies & Procedures

The duration of study for Doctor of Pharmacy (Pharm-D) degree programme is 10 semesters (5 years).

- Semester system of teaching will be followed.
- Spring semester begins in January and Fall semester begins in August.
 Final examination will be held at the end of each semester by external and internal examination.
- Students will have to pay all of the necessary charges for their registrations.
- Passing percentage marks in each course, Theory and Practical will be 50%.





- Theory and Practical courses will consist of marks as per scheme of study prescribed by the university.
- If student obtained less than 50% marks and fails in any course he/she will stand fail in that course and can reappear in the examination.

Availability of Courses:

 MCP does not commit itself to offer all the courses, unless there is sufficient demand to justify them. Some courses may be offered only in alternate semester.

Grading System

Percentage	Grade	Points
80-100%	А	4
70-79%	В	3
60-69%	С	2
50-59%	D	1
Less than 50%	Fail	0

Post-Professional

(POST-Pharm.D) GRADUATE STUDY

Internship/Apprentice Training

Pharmacy internship programs are offered in pharmaceutical industry, hospitals, community pharmacies, and some specialized facilities. These training programs may be taken in general pharmacy practice, clinical pharmacy practice, industrial pharmacy or other specialty areas depending upon personal interests and specific career requirements.

Scholarships

Scholarships/fee concessions are available for the deserving students under various schemes.

- Merit scholarships
- Need cum merit scholarships
- Discount to orphan students
- Concession for children of MIHS employees.

Industrial and community training programs

The students during the course of their studies will go on industrial tours of various pharmaceutical industries and clinical setups as a part of their practical/professional training and skill development.

Study Tour for Survey of Medicinal Plants

A study tour will be arranged as an integral part of the syllabus at the end of the second session for survey and collection of medicinal plants from the northern areas of the country.

Job Opportunities

- Pharmaceutical Industries
- Community Pharmacy
- Drug Regulatory Agencies
- Hospital Pharmacy
- Retail Pharmacy
- Academic & Research

Fee and Refund Policy

If the student wants to leave the institution within two weeks after the commencement of classes then there shall be a 100% refund of all deposit fee except the admission fee. If the student wants to leave the institution within one month of joining or commencement of classes, there shall be 50% refund of all deposited fee and if the student wants to leave the institution after one month of commencement of classes then there shall be no refund.

All the students will have to pay their tuition





fee in advance every year. In case of delay they will be liable to pay late fee which will be 5% per month of the remaining amount. No application will be entertained regarding fee concession or rescheduling on the mode of payment.

The fee shall be charged annually on year to year basis only and at the beginning of each year. There shall be no extra tuition fee for supplementary examination and students repeating the year shall be charged 25% less for one year only and after that full yearly fee shall be charged.

The fee deposited will not be refunded to the students whose admission is cancelled due to providing fabricated, false or fake documents. He/ She will also be liable to be rusticated/expelled/removed from the college roll.

Pharmacist's oath

A young prospective Pharmacist should feel no hesitation in assuming the following Pharmacists' Oath

- "I promise to devote myself to a lifetime of service for the ailing humanity through the profession of pharmacy. In fulfilling this promise:-
- I will consider the welfare of humanity and relief of suffering as my primary concerns.
- I will do all I can to protect and improve the physical and moral well-being of society, holding the health and safety of my community above other considerations.
- I will apply my knowledge, experience, and skills to the best of my ability to assure rational use of drugs.
- I will uphold the laws and standards governing of my profession avoiding all forms of mis-representation and I will safeguard the distribution of medical and

- potent substances.
- I will respect and protect all personal and health information entrusted to me and will never divulge unless compelled to do so by law.
- I will accept the lifelong obligation to improve my professional knowledge and competence to contribute to the advancement of pharmacy and public health.
- I will embrace and advocate changes in the field of pharmacy profession that improve patient care and drug delivery system.
- I will hold myself and my colleagues to the highest principles of our profession's moral, ethical and legal conduct.
- I will keep abreast of developments and maintain professional competency in the profession of pharmacy.
- I will utilize my knowledge, skills, experiences, and values to prepare the next generation of pharmacists.

I take these vows voluntarily with the full realization of the responsibility with which I am entrusted by the public, and further more promise to maintain my honor and credibility in all transaction by my conduct, never to bring discredit to myself or to my profession nor to do anything to diminish the trust reposed in my professional brethren. May Allah help me to fulfill the commitment entrusted to me by my profession "AMEEN".

Code Of Ethics For Pharmacists

Pharmacists are often the first point-of-contact for patients with health inquiries. This means that pharmacists have large roles in assessing medication management in the primary care of patients. Pharmacists are health professionals who assist individual patient in making the best use of





medications. This code, prepared and supported by pharmacists, is intended to state publicly the principles that form the fundamental basis of the roles and responsibilities of pharmacists. These principles, based on moral obligations and virtues, are established to guide pharmacists in relationships with patients, health professionals, and public at large.

- A pharmacist respects the relationship between the patient and pharmacist
- Considering the patient-pharmacist relationship a pharmacist has moral obligations in response to the trust received from society. In return for this trust, a pharmacist promises to help individuals achieve optimum benefit from their medications, to be committed to their welfare, and to maintain their trust.
- A pharmacist promotes the welfare of every patient in a caring, compassionate, and confidential manner
- A pharmacist places concern for the well-being of the patient at the center of professional practice. In doing so, a pharmacist considers needs stated by the patient. A pharmacist is dedicated to protecting the dignity of the patient with a caring attitude and a compassionate courage beside focuses on serving the patient in a private and confidential manner.
- A pharmacist respects the autonomy and dignity of each patient A pharmacist promotes the right of self-determination and recognizes individual self-worth by encouraging patients to participate in decisions about their health. A pharmacist communicates with patients irrespective of personal and cultural differences.

- A pharmacist acts with honesty and integrity in professional relationships Apharmacist has a duty to tell the truth and to act with conviction of conscience. A pharmacist avoids discriminatory practices, behavior or work conditions that impair professional judgment, and actions that compromise dedication to the best interests of patients.
- A pharmacist maintains professional competence and guides the patient A pharmacist has a duty to maintain knowledge and abilities for the benefit of the patients as new medications, devices, and technologies become available and as health information advances.
- A pharmacist respects the values and abilities of colleagues and other health professionals
- A pharmacist acknowledges that colleagues and other health professionals may differ in the viewpoint and principles they apply to the care of the patient. When appropriate, a pharmacist asks for consultation of colleagues or other health professionals to resolve the issue in the best interest of the patient.



Admission form and fee Schedule attached inside the Folder







- No person shall be enrolled at the Margalla Institute of Health Sciences, Islamabad except on the strict understanding that the candidate intends to obtain his/her professional qualification.
- Every student is required to attend punctually the required hours notified for lectures and practical classes. He/she must have 75% of total attendance in an academic year to be eligible to appear in the University examination.
- Students are required to maintain discipline at all times in the college and the hostel or during any other activity arranged/conducted by the Institution.
- Display and distribution of political party's pamphlets or circulars etc in the college and hospital premises are strictly prohibited.
- All irregularities, neglect of duties and breach of discipline are to be brought to the notice of the Principal by the teachers under whom the student is working.
- Leave application must be submitted to the Principal in writing through respective class teacher. All the students
- will pay their tuition fee in advance every year, in case of delay will be liable to late fee charges which will be 5% per month.
- If a student fails in supplementary in any session and loses one year, will be liable to pay fee as mentioned in PM&DC statute.
- In all cases, the leave taken will be at the students' own risk as far as the percentage of attendance is concerned and even a medical certificate will not

- condone a deficiency in attendance.
- A student who is absent without leave, continuously for a period of two weeks will be struck off from the college roll.
- In case of absence, fine of Rs. 100/- per class will be charged.
- Students are prohibited to address any petition directly to a higher authority/press or unauthorized person
- Students desirous of addressing the Principal by a letter must do so individually. Joint applications are inadmissible.
- Any student wishing to make representation on a subject has the right of direct access to the Principal during the college hours at the prescribed time.
- The Principal, Professors and other staff members are accessible at any time to listen to the difficulties and grievances of the students and shall always be prepared to help them.
- Non-payment of college/hostel/transportation dues within stipulated time may result in cancellation of admission.

Migration Rules

Migration during the programme is not allowed, however, it is permissible in certain cases as per migration policy of the university on mutual migration basis. In such cases, the following rules are stringently observed:

- Migration is not permitted unless the student has passed his First Professional examination.
- After seeking NOC from the Principal to apply for migration, a migration processing fee of Rs. 25,000/is to be deposited by the applicant along with his application irrespective of the final outcome.
- A student from another colleges must report for admission in the same class on reciprocal basis and give an undertaking to follow the fee rules. Only





then the student desirous of migration to another college will be permitted to migrate.

- Migration will not be allowed unless the student has cleared all the college/hostel dues
- Migration will not be allowed to a student who has been debarred from taking professional/local examination or has been expelled or rusticated; as long as the punishment remains enforced.

The college authorities can amend the above quoted rules whenever deemed necessary to keep discipline, law and order in the institute and will not be challenged in any court of law.

Class Room Discipline

- When the teacher enters the classroom, the students will stand up and will remain standing till they are directed to sit or till the teacher takes his seat.
- No student is allowed to leave the classroom without permission of the teacher.
- Immediately after assembly of the class, the roll call shall be taken and absence will be marked. A student coming late in the classroom will be marked absent unless the teacher accepts his/her excuse.
- Misbehavior of a student shall at once be reported by the teacher to the Principal through the respective HOD, who will take action as deemed necessary.
- Students are not allowed to keep their cell phones switched on inside the classroom or where an organized academic activity is going on.

Examination Hall Discipline

- Students are not allowed to take textbooks, notes, bags or cell phones into the examination hall.
- Any student found infringing the examination rules or having recourse to unfair means may be debarred from the examination and the matter shall be dealt with according to the University Rules. In case of such happening in the class/terms tests, the matter

- shall be reported to the Principal who may refer this case to the College Disciplinary Committee.
- Late comers arriving at the examination hall more than 30 minutes after the start of the paper will not be allowed to sit in the examination.

Discipline In Hospital

- Every student is required to attend the clinical teaching and perform ward duties regularly at the notified time.
- Students attending the hospital are required to abide by the rules of the hospital administration, who may award any punishment to a student committing any offence in the hospital or for negligence in carrying out the duties entrusted to him/her in the hospital. The punishment may amount to debar him/her from attending any or all departments of the hospital for a period up to three months or impose a fine up to Rs. 5000/- as considered appropriate.
- Every student is required to attend the clinical departments to fulfill the clinical quota as per UHS/ PM&DC requirements.
- Student attending clinical department are liable to abide by the rules and regulations of the hospital administration.

Offences

Committing the following acts within the college, hospital or hostel premises will warrant a strict disciplinary action against the defaulters.

- Submitting false evidence
- Stealing
- Willful destruction of equipment, furnishings.
- Physical violence against other students, faculty members, staff or patients
- Ragging, fooling the students anywhere
- Use of prohibited drugs
- Possession of fire arms and crackers in the college or







hostel campus

- Violation of basic human rights
- Organizing/creating civil disturbance
- Non-payment of tuition and other fees/dues
- Protracted absence without permission from lectures, clinical duties and the inability to cope with the curriculum
- Smoking within the college or hospital premises
- Displaying and disseminating partisan, political pamphlets, CDs or circulars etc anywhere Any student violating the discipline will be pertinently fined in addition to other disciplinary actions.

Disciplinary Actions

For all such offences that occur in the college, hostels or hospital, the Principal, may at his discretion refer the case to the college disciplinary committee, which shall be appointed by the college management from time to time. This committee shall have the power to interview any student or a staff member and will send its recommendations to the Principal. After considering the recommendations of the college disciplinary committee, the Principal is empowered to take one or more of the following disciplinary actions depending upon severity of the offence (Apart from directing make well the loss/damage):

The students may be:

- Asked to render an apology, verbal or written. This will be placed on the student's record.
- Placed under observation for a period up to one year. If during this period, he fails to improve his conduct, he may be expelled from the college.
- Fined up to Rs. 500 to 5000/-
- Suspended from the college rolls for a period of up

- to two weeks at a time.
- Expelled from the college and expulsion notified to all other medical colleges and universities of Pakistan.
- The Principal is competent to remit fines and punishment already imposed. The decision of the Principal in all cases will be final.

Dress Code for students, MIHS



Girls

- 1. White Shirt and Shalwar
- 2. Dupatta / Scarf (Green)
- 3. Black Shoes (high heels are not allowed)
- 4. Sweater / Blazer (Green)
- 5. White overall

Boys

- 1. White Shirt and black pants
- 2. Tie (Green)
- 3. Black Shoes and Black Socks
- 4. Sweater / Blazer (Green)
- 5. White overall





FACILITIES AT MARGALLA

Library at a glance

Library is working as the center of information for MIHS community. The department aims to provide most dynamic learning and research environment to the users. Library department fulfills the information needs of the MIHS community, by







providing traditional library services as well as streamlines access to wide range of e-resources. The objective of library department is to focus on acquiring right information, processing it and to disseminate the information at the right time to the appropriate users to fulfill their academic needs, we advance the creation, sharing, and







preservation of knowledge through the use of latest tools and techniques.

The library consists of a main hall, which is spread over 3000 sq. feet. The professional library staff is available in library. The library timing are from 08:00 hrs to 15:00 hrs during the regular working days, while before and during the examinations, the library remain open till 16:00 hrs. It is well-stocked library with the latest professional books and journals covering all biomedical and clinical sciences. A digital library access is available for students which also has a dedicated link with

Higher Education Commission (HEC) and has all the latest journals and periodicals.

Media Society

This society consists of handpicked students with natural talent in fields of media and communication.

The job of this society is to cover the events and happenings at MIHS and provide media support for university publications and data bank.

MIHS produces two publications;

a quarterly newsletter, MIHS Chronicles and Healers/Al Shaafi a bilingual annual magazine in order to promote the creative and communicative aspects of learning and provision of a platform for communication and presentation of ideas of

students.





These publications are prepared and produced by the dedicated student editorial board under the guidance and encouragement of the experienced faculty editorial board.

Literary Society

Students are encouraged to join the educational society. In the periodic meeting of this literary society, topics of interest from latest professional journals and current literature are discussed by the students with participation from faculty members.

Anatomy Museum

Museum is located in the college building in the department of Anatomy. It can easily accommodate 50 students.

It includes models of international standard on human anatomy, embryology and histology, limbs, torso, head and neck, brain, eyes, ear, lungs, reproductive system and pelvis etc. There is





unique model of the hand which very neatly shows both the arches and different tendons, pulleys, arteries and veins, nerves etc.



A model of the forearm is used to teach I/V injection. Models prepared by the students and staff of MIHS are the good addition.

One section of the museum exhibits embryology models, which are extremely useful for the





demonstration to students. There are also more than 100 natural human bones in the museum.

Pathology Museum

Numerous specimens are taken from the patients' bodies and are preserved in look-through containers for the training of students.

It remains open from 8:00 a.m to 3:00 p.m in winter except on Saturdays and Sundays.









Research Facility

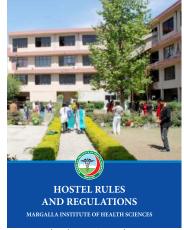
The research facilities will be available to the staff members, to promote research in their field of interest. The students in the final year will also be encouraged and involved in different research projects. Plans are to start different research oriented projects in co-ordination with different research agencies such as US AID etc. Online collaboration will also be utilized for this purpose; with different International Medical Research Organizations and the eminent scientists in different fields of medical sciences.

Housing for Students

Hostels are situated in Gulrez. These are beautiful buildings having spacious rooms with clean and airy atmosphere. Living rooms have double occupancy. Every student is provided with a bed, a study table, a chair and a cupboard. It has beautiful lawn/terrace for students to sit and relax. It has a common room, TV room and a dining room in addition to the living room, Each room is provided with the facility of attached bath. There is also a prayer room for the students where they perform other religious activities. The warden strictly supervises the messing system and cleanliness of hostels. In case of emergency, medical treatment is provided. Shopping trips for the students are arranged to different shopping places weekly under the supervision of the hostel warden. Telephone facility is also provided to the students in the hostel. Strict security measures for the girls hostel are insured and guards are available round the clock

There is arrangement of games like Table Tennis and Badminton for the students. No student can leave the hostel without prior permission from the

hostel warden and submission of an application. Only the persons, mentioned by the parents or quardians of the students. in the application form. are allowed to visit the students. The hostel rules and regulation are to be solemnly abided by the students.



Hostel Rules and regulations in printed form can be had separately.

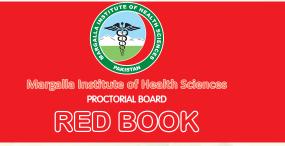
Cafeteria

Students are provided with the facility of a spacious cafeteria where food is served at subsidized rates. The management of the college strictly supervises cleanliness and hygienic conditions of the premises.

Transport

Air-conditioned shuttle service is available for students and staff on payment.





Pictorial Board Red Book in printed form can be had separately.





LIFE AT MARGALLA

Convocation, MIHS





Graduates



















MARGALLA INSTITUTE OF HEALTH SCIENCES



Annual function

Your Presence is Solicited.







































































