



**APPNA INSTITUTE OF PUBLIC HEALTH
JINNAH SINDH MEDICAL UNIVERSITY**

MASTER OF HEALTH PROFESSIONS EDUCATION (MHPE)

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P.O Box 75510

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BACKGROUND

The Pakistan Medical and Dental Council has always been very eager about improving the quality of education in Medicine and Dentistry at an undergraduate level in Pakistan.

The PM&DC regulation, promulgated a few years back, to have a DME in every medical and dental institution; this created a need to have a training program in health professions education. This has encouraged a number of degree awarding institutions across the nation to start major postgraduate qualifications in this discipline.

Currently there are a total of 100 medical and 43 Dental colleges recognized by the PM&DC with only a handful having a fully established DME with full time medical educationists. It therefore becomes imperative for medical institutions to ensure that their programs are in line with international standards. This will ensure that the institutions have fully functional, well-established medical education departments with relevant qualified faculty members.

INTRODUCTION

This is a broad based degree so that qualified professionals can lead the undergraduate and postgraduate programs in health professions institutions. The degree will be offered through the Health Professions Education Unit at AIPH. The MHPE program will be offered to all healthcare professionals and is a thesis based degree with 46 Credit hours.

The MHPE program targets audience in and out of Pakistan in order to spread the expertise of medical education in the region around Pakistan. In Karachi, at the moment, there are already two program of Health Professions Education offered by Dow University of Health Sciences (DUHS) and Aga Khan University (AKU). These programs are insufficient to meet the needs of Sindh Province. JSMU is a public sector university and aims to bring an improvement in medical education particularly in the province of Sindh.

MISSION OF THE MHPE PROGRAM

The program endeavours to develop a cadre of professionals capable of improving the quality of the existing undergraduate, postgraduate and CME programs in health professional institutions, conducting educational research and leading sustainable evidence-based innovations where and when required. The ultimate goal is to enhance the quality of the graduates and health care delivery.

OUTCOMES

By the end of the program, candidates should be able to demonstrate competence in:

- Educational research, teaching, course design, assessment and program evaluation
- Team work and leadership
- Developing evidence-based persuasive documents to support educational change and innovations.
- Communicating effectively with policy makers, accreditation and licensing bodies, academic leadership, educational managers, seniors, juniors and peers
- Representing their institutions and the country at national and international academic forums

PROGRAM STRUCTURE

Complete courses of MHPE with semester-wise break up

Year	Semester	Course codes	Courses	Duration	Credit Hours
		MHPE-C-1112	Primer to teaching and assessment	2 weeks	2
One	1 st	MHPE-D - 1114	Teaching and Learning in the health professions context	3 months	4
		MHPE-D - 1124	Basics of Assessment	3 months	4
	1 st Semester total credit hours				10
	2 nd	MHPE-C - 1222	Primer to curriculum design and program evaluation	2 weeks	2
		MHPE-D - 1214	Basics of Curriculum Design	3 months	4
		MHPE-D - 1223	Basics of Program Evaluation	3 months	4
	2 nd Semester total credit hours				10
Two	3 rd	MHPE-C - 2312	Primer to Educational Research and Biostatistics	2 weeks	2
		MHPE-D - 2314	Educational Research	3 months	4
		MHPE-D - 2324	Advanced course in assessment	3 months	4
	3 rd Semester total credit hours				10
		MHPE-C-2412	Primer to Program Evaluation and Leadership	2 weeks	2
	4 th	MHPE-D - 2414	Advanced course in Program evaluation	3 months	4
		MHPE-D - 2424	Leadership in Medical Education	3 months	4
		MHPE-CEE-2411	Comprehensive exit exam	1 week	0
	4 th Semester total credit hours				10
	Electives may be taken any time during year Two of the course. Permission needs to be taken from the Program Director before taking up any elective activity				4
Dissertation writing and defence				6	
Grand total of credit hours					50

Thesis

Students shall prepare thesis on topics related to priority academic issues (of practical values to their respective regions/ intuitions). The purpose of this academic activity is two-fold:

- To develop researchers capable of independently conducting relevant research with sound theoretical frameworks.

- To bring out a needed positive transformation in the academic practices of their respective institutions and deal with contemporary academic issues.

The thesis will be in accordance with the rules and regulations of JSMU. The thesis will have to be defended in front of a panel of examiners including one external examiner, one internal examiner and the supervisor. The instruction for the thesis will be given at the beginning of the program. Supervisors will be assigned by the end of the third contact period (on “Introduction to Educational Research”).

ENTRY QUALIFICATIONS.

The applicant should possess at least one of the following qualification or an equivalent to get enrolled (16 years of education from HEC and / or PM&DC recognize university).

- MBBS (Bachelor of Medicine & Bachelor of Surgery)
- BDS (Bachelor of Dental Surgery)
- D. Pharmacy
- BScN (Bachelor of Science in Nursing)
- DVM (Doctor of Veterinary Medicine)
- MPhil/ PhD in Psychology, Education, and related Basic Sciences

Experience: Candidates should, preferably, have at least one year of teaching experience in an educational institution. In the case of MBBS/ BDS degree holders, one year of full-time house job from a PM&DC recognized institution.

ENTRY PROCESS

After applications are received, those whose applications are complete and fulfil the application criteria will be called for a written test which is called the JSMU-GAT. The JSMU-GAT will be on English and basic mathematics. It will have MCQs and Essay type questions. Those who pass the JSMU-GAT will be called for an interview.

Applicants who clear the JSMU-GAT and the interviews (separately) will be offered admission to the program.

Details of the JSMU-GAT will be provided to applicants in due course of time.

TEACHING METHODOLOGIES

A diverse set of teaching methodologies will be employed, including:

- Group work
- Assignments
- Presentations
- Seminars
- Team based learning
- Flipped classrooms
- Independent learning
- Workshops
- Lectures
- On-line discussions

The entire MHPE program has 5 contact sessions, each of maximum 15 days. It is mandatory for all program participants to attend the contact sessions. Missing a contact session or a few days of it

will entail attending the missed days and sessions with the junior batch in order to obtain GPA for that contact session. Tentative times for contact sessions are January and July. Every candidate must obtain an NOC from his head of the department providing him/ her with permission to attend the complete contact period. Admissions will be confirmed only after obtaining this NOC.

ASSESSMENT

Assessment will be done on multiple occasions. Students will be required to pass all courses at a Minimum Performance Level as given in the course study guides. Passing criteria for examinations held at the during and at the end of contact periods will be announced before the contact periods commence..

Assessment will be conducted on the following policies:

- a. Assignments given during courses will be considered as the course exam. Each course will be graded separately and students will be required to pass all courses at a Minimum Performance Level set by JSMU (The purpose of this assessment is to judge content knowledge and application abilities of the candidates.). These will have 50% weightage in the overall result.
- b. Continuous Assessment Tests (CATs): Tests given during contact periods will be related to topics of the courses and activities during the contact period. The main purpose of these assessments is to judge (after given chances for practice and feedback) expertise in essential skills, e.g. teaching ability etc. These will have 30% weightage in the overall result.
- c. End-of-Semester exam (ESE): ESE will consist of individual tasks/projects which the candidates will have to complete at the end of every contact period. These tasks will be from the previous two modules. They will have a weightage 20%.
- d. Candidates will have to pass each component separately in order to be declared as pass in a course.
- e. All students registered for MHPE shall defend their thesis/dissertation in front of the panel of experts on that topic / subject; this will be done at the end of the course after the final contact period.
- f. The minimum pass grade for assignments, CATs and ESE is B- (60%).

The planned examination schedule is as follows:

MODULE		ASSESSMENT FORMATS			SEMESTER NO.
NO	TITLE	Assignments	Continuous assessments (During contact sessions)	End-of-semester Exam (ESE) test to be held at end of contact session:	
1*	Teaching and Learning	50%	30%*	2 nd contact period (20%)	1
2	Basics of Assessment	50%	30%		
3	Basics of Curriculum Design	50%	30%	3 rd contact period (20%)	2
4	Basics of Program Evaluation	50%	30%		
5	Educational Research	50%	30%	4 th contact period (20%)	3
6	Advanced course in assessment	50%	30%		
7	Advanced course in Program evaluation	50%	30%	5 th contact period (20%)	4
8	Leadership in Medical Education	50%	30%		

* Some of the skills will be assessed in the fourth contact assessed henceforth the final marks will be awarded at that time

EXAMINATION REGULATIONS

General Regulations: General University Examinations regulations on registration for examination, eligibility for examinations, absence from examination, irregularities, procedures for appeals and preservation of scripts will remain as stipulated in the APPNA Institute of Public Health (AIPH) Jinnah Sindh Medical University.

A CGPA of 3 out of 4 or higher calculated through aggregate grades of all the course taken for the MHPE is required for the candidates to appear for their thesis defence. In case of a lower GPA the candidates will have to do a remedial for the courses with lower grades. If a candidate gets C in two

or more courses, then he/she will have to do remedial assignments. A maximum of two retakes are allowed and if the candidate is unable to pass in those attempts then they will be given a certificate of participation.

The grading of the marks will be as per the table given below

Grade Table

S. No	Marks	GPA awarded	Grade
1	95-100	4.00	A+
2	80-94	4.00	A
3	75-79	3.7	A-
4	70-74	3.3	B+
5	65-69	3.0	B
6	60-64	2.7	B-
7	55-59	2.3	C
8	50-54	2.0	C-
9	<50	0.0	U/F *

Students who are unable to meet the criteria

A candidate who fails a component (e.g. a course, or CAT or ESE) shall be given chance to retake the exams (supplementary) in the failed component only within three months of the issuance of the result.

A candidate who fails the supplementary exam twice shall be removed from the course and given a Certificate in Medical Education.

A candidate who fails any of the components will have to appear for a re-take examination

Successful candidates

At the end of semester 4 a candidate shall be awarded the degree if he / she has passed all the components of the program including the defence of the thesis.

Any correction of the thesis will have to be done and a submission of errors free report done before a candidate will be awarded the degree.

FEE STRUCTURE FOR MHPE PROGRAM

(Local/Nationals and Foreign Candidates) Dues to be paid to the University

Semesters I & II			
S #	Particulars	National	International USD
1	Application and entrance test fee	1,500.00	100 USD
2	Admission	20,000.00	400 USD
3	Tuition fee (110,000/Semester)	220,000.00	5,500 USD
4	Enrollment	2,000.00	-
5	Examination Fee Semester I & II 2500/Semester	5,000.00	-
Total		248,500.00	6,000 USD
5 % Advance Income Tax		12,425.00	-
Grand Total		260,925.00	6000 USD








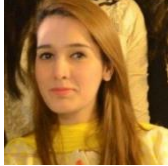
Caution money to be paid at the time of admission (Refundable)	25,000.00	500 USD
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Semester III & IV			
1	Tuition fee (110,000/Semester)	220,000.00	5,500 USD
2	Examination Fee Semester III & IV 2500/Semester	5,000.00	-
Total		225,000.00	-
5% Advance Income Tax		11,250.00	-
Grand Total		236,250.00	5,500 USD






Total Fee	497,175.00	12,000USD
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FACULTY AND ADMINISTRATIVE STAFF

FULL TIME ACADEMIC STAFF

<p>Prof. Dr. Lubna Baig MBBS, MPH, FCPS, PhD in Medical Education Pro Vice Chancellor and Dean</p>	
<p>Dr. Syed Moyn Aly MBBS, MHPE, PhD Candidate Director Medical Education</p>	
<p>Prof. Ata Ur-Rehman MBBS, FCPS, MHPE Advisor for Medical Education to Vice Chancellor</p>	
<p>Prof. Dr. Nazeer Khan MSc, BSc, PhD in Statistics Professor and Director Research</p>	
<p>Dr. Ghazala Usman MBBS, MPH, MHPE Associate Professor</p>	
<p>Dr. Nighat Shah MBBS, MCPS, FCPS, MHPE Assistant Professor</p>	
<p>Dr. Rahat Naaz, MBBS, MHPE (candidate) Lecturer and Coordinator Medical Education</p>	
<p>Dr. Yusra Masood BDS MDPH PGCert. MedEd Instructor</p>	







ADJUNCT FACULTY

<p>Dr. Syeda Kausar Ali MBBS, MHPE PhD</p>	
<p>Dr Nusrat Shah MBBS, MCPS, FCPS, MHPE</p>	
<p>Dr. Masood Jawaid MBBS, FCPS, MHPE</p>	
<p>Dr. Shahid Shamim MBBS, FCPS, FRCS, MHPE</p>	
<p>Dr.Tariq Chundrigar MBBS, FRCS,MHPE</p>	

VISITING FACULTY

- i. Dr. Naghma Naeem, MBBS, MHPE, PhD in Medical Education
- ii. Dr. Shazia Sadaf, BDS, MHPE
- iii. Dr. Bazmi Inam, MBBS, FCPS, MCPS-MHPE
- iv. Dr. Sobia Ali, MBBS, MHPE
- v. Dr. Afifa Tabassum, MBBS, MHPE

ADMINISTRATIVE STAFF

<p>Ms. Lubna Mazharullah B.Ed, BA Psychology Coordinator</p>	
<p>Mr. Khurram Aleem B.COM Incharge Administrator</p>	
<p>Mr. Syed Salman Ali Zaidi B.COM Admin Support Officer</p>	
<p>Mr. Zeeshan Ahmed Bhutto BSIT, MBA (HR) Assistant Manager Administration</p>	
<p>Mr. Danish Ishrat Ali Operator</p>	
<p>Mr. Shariq Khursheed Accounts Officer</p>	

TEACHING AND LEARNING FACILITIES

- Flip Charts
- Pin Boards
- Small Cards
- Over Head Projector
- LCD (Power point Machine)

FACILITIES AVAILABLE

State of the art Lecture Halls	04
Seminar Rooms	02
Faculty Offices	06
Meeting Rooms	02
Common Room for Girls	01
Digital Library	01
Prayer Area	01
Canteen	01
Buses/Points/Vans	08

* AIPH along with teaching facilities will soon have an auditorium;
Presently JSMU auditorium is being utilized.