

GANDHARA UNIVERSITY PESHAWAR



**Postgraduate
Basic Medical Sciences**

PROSPECTUS | 2020

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Founder



Prof. Surgeon Muhammad Kabir (Late)

Surgeon, Educationist and philanthropist, Dr. Kabir was the founder of Gandhara University. He established full forms KMC, NTH, SBDC, GCP and FIN, all educational centers of national importance and repute.

Gandhara University is an eloquent testimony to the vision, motivation and hard work of Prof. Muhammad Kabir. His zealous initiative dedication and energy inspired. The team of Gandhara University, motivating a collective effort that has achieved many milestones.

Professor Surgeon Muhammad Kabir was born on 7th December 1935. He belonged to the Awan tribe which originated from Arab race. He had been associated with the medical field for over 45 years.

He got his primary education from Abbottabad, DI Khan and Bannu. For his secondary education, he joined Islamia College, Peshawar, following which he went to Dow Medical College, University of Karachi. During his house job he developed a taste for General Surgery and went to UK for Post Graduate training. He completed his FRCS in General Surgery from Royal College of Glasgow and Edinburgh UK in 1966.

In 1966, upon his return from UK he opted for teaching appointments, starting as Assistant Professor of Surgery at Khyber Medical College, Peshawar. He was promoted to the post of Associate Professor in 1971, at the age of 36; by 40, he had become Professor of Surgery. He remained the Head of Surgery and Orthopedics Department till 1995.

During his career, Dr. Kabir served as administrator, Khyber Teaching Hospital and Lady Reading Hospital. Furthermore he was the principal of Khyber Medical College from 1981 -1983. He also as the Secretary Health, Govt. of Khyber Pakhtunkhwa from 1991 to 1992. He started the Surgical ICU in Khyber Teaching Hospital. He was the pioneer in developing a center for Laparoscopic surgery at Khyber Teaching Hospital. In addition he wrote 24 original articles and research papers.

Prof Kabir was a visionary and an inventor; he designed Kabir's Cholecystectomy Forceps', Kabir's Circumcision Forceps', Kabir's Kidney Incision. Kabir's 2.5 cm Incision for open Cholecystectomy.

Following his retirement in December 1995 he continued his attachment to the medical field by establishing a Medical and Dental college which branched into other institutions and eventually gained status of a University.

Dr Kabir was a practicing surgeon till the end of his life. He passed away at the age of 68 after suffering a heart attack.

May ALLAH rest his soul in Heaven. Amin

"KNOWLEDGE IS VISION" is not just the slogan of Gandhara University; it envelops a tremendous vision of providing quality Medical and Dental Education & skilled doctors to the relatively deprived province of Khyber Pakhtunkhwa. Kabir Medical College has successfully achieved the recognition of Pakistan Medical and Dental Council for level III and level II qualification i.e. M.Phil and P.hD Programs. This recognition for the College by the Pakistan Medical & Dental Council certifies that Kabir Medical College has sound infrastructure & faculty. It is indeed an honor to be considered fit for Post Graduate Training Programs.

On such major breakthroughs in such a short span I congratulate the administration, faculty members & all stakeholders of Kabir Medical College. May Almighty Allah help this institution to prosper and train highly competent professionals in their respective Post Graduate Dental Basic & Clinical Sciences. Ameen



Prof. Dr. Abdus Salam
Vice Chancellor
Gandhara University

I take the pleasure in welcoming you to Department of Postgraduate Basic Medical Sciences. The department is all set to bring out the potential within each student and provide proper guidance so that their potentials can be utilized to make them better health professionals.

It remains beyond any doubt that Department of Postgraduate Basic Medical Sciences under the umbrella of Gandhara University Peshawar will grow as a modern centre of excellence in the field of medical sciences and technology.

It will inspire to provide the highest quality of trained health professionals to cater for requirements of all public and private sectors medical colleges, to promote excellence in Health Education and research. I wish all the best to all the prospective students.



Prof. Dr. Ehsan Gul Khattak
Dean Postgraduate Medical Sciences
Gandhara University

M.Phil Courses of two years duration (full time)

- M.Phil Anatomy
- M.Phil Biochemistry
- M.Phil Chemical Pathology
- M.Phil Forensic Medicine
- M.Phil Hematology
- M.Phil Histopathology
- M.PHil Pharmacology
- M.Phil Physiology

Admission

1. The admission for postgraduate candidates shall be carried out in the prescribed manner under the supervision of the Admission Committee for Postgraduate Basic Medical Sciences, Gandhara University.
2. Every candidate for admission shall be required to have:
 - a. MBBS/BDS degree from a recognized institution
 - b. One year house job certificate from a recognized institution
 - c. Valid PM&DC registration
 - d. Appearance in Entry Test
 - e. Appearance in Interview
3. Admission shall be made on the basis of following weightage:
 - a. Academic record 20%
 - b. Competitive test 60%
 - c. Interview 20%

If the Candidate fail to appear for interview, he/she shall not be considered for admission.

4. Each M.Phil Scholar shall be required to pay tuition fee and other dues as determined by the University from time to time.

A. Requirements for M.Phil

- The academic requirements for the postgraduate degree shall comprise course work and Thesis based on research.
- Degree shall normally be completed within four consecutive semesters.
- The course requirements shall normally be completed in the first two semesters.
- Dissertation based on research shall normally be completed by the end of the fourth semester.
- Each M.Phil Scholar shall follow the syllabi and course of studies as prescribed by the University. The syllabi and course of studies for the M.Phil Program can be modified from time to time and shall be submitted through the respective Boards of Studies to the Academic Council and the BASR, Gandhara University for approval.
- All the semester examinations shall be held on the University campus.
- The registered M.Phil Scholar has to complete more than 75% attendance in his/her course work each Semester and shall actively participate in the seminars, journal clubs, presentations, and workshops etc during the training.
- Only 15 days casual leave per year shall be permitted to the M.Phil Scholar during the training.
- With the permission of competent authorities of university, the M.Phil Scholar who discontinue training for valid reasons like health, family problems or other reasons can re-join the program, but the duration of discontinuity of the training shall not exceed one calendar years.
- The discontinuation/freeze from studies can be availed only once during the whole degree program.
- The period of discontinuity/freeze of study will not be counted towards the completion of the training requirements.
- MPhil program course work break up
 - a. A total of 30 credit course work in the
 - i. Compulsory course(s) for all the students irrespective of their field of Subject.
 - ii. Subject course(s) in which a scholar is registered.
 - lii. Optional Course(s) related to the Subject courses.
 - b. Thesis on a topic approved by the BASR.
 - c. Viva-voce / Thesis Defence.

B. Registration in the University

- A scholar for MPhil degree program shall be registered in teaching department /institution of the University.
- Registrar of the university shall maintain a register of MPhil research scholars and assign a registration number to each scholar at the time of provisional admission.
- A "notification of registration" for each candidate approved /allowed for admission to MPhil program shall be issued by the University.
- A person registered for the MPhil degree program shall be called MPhil research scholar.

C. Registration of Courses

- At the beginning of each semester, MPhil research scholar shall be registered for the courses of study on the prescribed registration card.
- The HOD shall forward within seven days of the commencement of the semester classes all the registration of course cards to the Controller of Examinations. MPhil research scholar may change/drop course(s) within 15 days from the commencement of semester on the recommendations of the supervisor and the HOD concerned.
- No change or drop of the registered course(s) shall be allowed after 30 days of the commencement of semester.
- MPhil research scholar dropping all the registered courses or choosing not to register in any course within fifteen days from the start of a semester shall deem to have dropped the semester.
- No freezing/dropping shall be allowed in the first semester.

D. Examination

- All semester examinations will be conducted by the Examination Department of Gandhara University.
- Institute will send the results of the semesters to the Controller Examination section who subsequently will issue the GPA & CGPAs calculated results.
- The result of each semester examinations shall be submitted to the University examination section well before the commencement of final degree awarding semester for consideration and issuance of final transcript to the successful students for award of degree.
- The M.Phil residents have to complete their two years minimum training in respective specialties for the eligibility to appear in the final examination provided they fulfill other requirements as described in eligibility criteria for examination.
- M.Phil research Scholar defend their thesis on the date notified by the University. M.Phil research Scholar require approval of thesis from the respective University Committees and external reviewers.

D. Submission of Synopsis & Thesis

1. The candidate shall write synopsis for the Research Project of their relevant specialty as per guidelines provided by the Gandhara University, and shall submit it before the end of first 12 months of the course.
2. The synopsis shall be formally submitted through supervisor and Dean Basic Medical Sciences for evaluation by Ethical Review committee:
3. Committee shall evaluate and report the submitted synopsis for approval or otherwise with in 15 days of submission.
4. After approval by these ethical committees, the synopsis shall be submitted to the Board of Advance Studies and Research, Gandhara University for approval.

Synopsis Submission Protocol

Step I	Submission of synopsis duly recommended by the supervisor
Step II	Approval by the Ethical Committee
Step III	Approval by the BASR

Thesis

- I The M.Phil Scholar shall start writing Thesis after the approval of synopsis by the BASR.
- II. The M.Phil Scholar shall submit Thesis duly approved by the concerned supervisor and Ethical Review Committee, to the Dean's office at least two months before the final examination.
- III. Plagiarism clearing certificate issued by the Director Research Gandhara University Peshawar must be attached with the thesis.
- IV. Clearance Certificate from the Ethical Review Committee of Gandhara University Peshawar must be attached.
- V. Thesis shall be printed on A4 size paper and initially be submitted in ring bound form along with soft copy on CD and finally be submitted as five hard binding copies with golden lettering on the front and the spine in accordance with the specification of the Gandhara University.

Thesis submission and approval Protocol:

Step I	Submission of Thesis with the Dean at least 2 months before final examination.
Step II	Sending Thesis to External Reviewers
Step II	Defense of Thesis by M.Phil and PhD Scholar

Synopsis Submission (Flow Chart)

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Before end of year 1 of training, Synopsis completion and submission to supervisor. **15 Days** --> Supervisor gives feedback to trainee and suggests remedial action. **15 Days** --> Trainee makes necessary changes and resubmit to supervisor. **15 Days** --> Supervisor approves and forward it to the Dean. **15 Days** --> Dean forward it to Ethical Reviews Committee. **15 Days** --> Ethical Committee Reviews the ethical aspects and gives feedback for suggested changes, if any. **15 Days** --> Trainee makes the changes according to suggestions and resubmit to Ethical Review Committee. **15 Days** --> Ethical Reveiw Committee Forwards to Board of Advanced Studies and Research (BASR). **15 Days** --> Approval of Synopsis.

EVALUATION AND APPROVAL OF THE THESIS:

The Controller of Examination shall send the Thesis for evaluation to three external reviewers, appointed by the University. After successful evaluation and approval by the reviewers, the M.Phil Scholar shall be eligible to appear in the final examination provided he/she fulfills the other criteria of eligibility. M.Phil Scholars shall also be required to defend his/her thesis before the External examiners on a date notified by the University.

M.PHIL SCHOLAR'S DISCIPLINE

1. All the M.Phil Scholars shall abide by the Rules, Regulations and Statutes of the University and shall follow all directives issued from time to time.
2. No M.Phil Scholar shall take part in political activities or any forum/union/association to become a member within the University or outside.
3. No M.Phil Scholar by any communication shall approach the press in his own name or through an association.
4. Violation of these rules shall entail rustication/expulsion under the provisions of the University Ordinance.
5. M.Phil Scholar shall not be allowed to enroll in two training programs of the university or CPSP/other DAI in the same or different specialties at the same time and to take examination of both institutions.
6. The trainee must ensure that the training activities are documented in logbook on regular basis and be verified by the supervisor.

Courses Outline

- During the first year of M. Phil program, students will have to complete their 30 credit hours course work.
The course work will comprise of:
- **Compulsory courses** for all the students irrespective of their field of specialty =06 Credit Hrs
- **Major courses** in the respective field of specialty =18 Credit Hrs
- **Optional** courses related to major courses = 06 credit Hrs.

Year 1 is divided into two Semesters of 20 weeks each

- Course work (course work) 18 weeks
- Comprehensive evaluation 02 weeks
- **Total 20 weeks**

Year 2

- Project synopsis writing 04 weeks
- Research project 42 weeks
- Thesis defence 02 weeks
- **Total 48 weeks**

Fee Structure

Tuition Fee (Per Semester)	Admission Fee (One Time)	University Reg. Fee (One Time)	PM&DC Reg. Fee (One Time)	Examination Fee (Per Semester)	Total Fee for 1st Semester
M.Phil in Anatomy, Physiology, Pharmacology, and Bio Chemistry					
Rs. 160,000/-	30,000/-	Rs. 4000/-	5,000/-	Rs. 10,000/-	Rs. 209,000/
M.Phil Chemical Pathology, Hematology, Histopathology & Forensic Medicine					
Rs. 160,000/-	30,000/-	Rs. 4000/-	5,000/-	Rs. 10,000/-	Rs. 209,000/

Note:

- 5% Advance Income Tax applicable on all fees.
- Any additional taxes imposed by the government will be the liability of the students/parents/guardian.
- The University reserves the right to increase the fees if required according to the recommendations of the governing body.
- Advance fees to be paid semester wise.
- All dues need to be cleared with in two weeks of the commencement of the academic year. 2% surcharge per month will be levied on outstanding fee after the due date.
- Thesis defence fee shall be paid by the candidate (when notified by the university).

FACULTY OF BASIC MEDICAL SCIENCES**DEPARTMENT OF ANATOMY**

Dr. Abdul Hameed	Professor	MBBS, M.Phil.
Dr. Saima Naz.	Professor	MBBS, PhD.
Dr. Humaira Iqbal Khan.	Associate Professor	MBBS, M.Phil.

DEPARTMENT OF BIOCHEMISTRY

Dr. Muhammad Ahmad	Professor	MBBS, M.Phil., PhD.
Dr. Noreen Begum	Professor	M.Sc., M.Phil, PhD.
Dr. Kausar Tasneem	Professor	M.Sc., M.Phil., PhD.

DEPARTMENT OF FORENSIC MEDICINE

Dr. Zahid Hussain Khalil.	Professor	MBBS, MCPS, DMJ, FCPS.
Dr. M. Asghar Khattak	Associate Professor	MBBS, DMJ,

DEPARTMENT OF PATHOLOGY

Dr. Fardia Naseer	Professor	MBBS, M.Phil
Dr. Syed Mukhtar Ali Shah	Professor	MBBS, MCPS, M.Phil (Hematology)
Dr. Ehsan Gul Khattak	Professor	MBBS, MCPS, FCPS (Chemical Pathology)
Dr. Nisar Ahmad	Professor	MBBS, M.Phil, (Microbiology)
Dr. Ibn-e-Amin	Assistant Professor	MBBS, M.Phil (Microbiology)
Dr. Ambreen	Assistant Professor	MBBS, M.Phil (Chemical Pathology)
Dr. Shazia Naaz	Assistant Professor	MBBS, M.Phil, (Histopathology)

DEPARTMENT OF PHYSIOLOGY

Dr. Ghulam Jillani Khan	Professor	MBBS, M.Phil
Dr. Anjum Hamayun	Professor	MBBS, M.Phil
Dr. Urooj Yahya	Assistant Professor	BDS, M.Phil
Dr. Umair Wadood	Assistant Professor	MBBS, M.Phil

DEPARTMENT OF PHARMACOLOGY

Dr. Iftikhar-ud-Din-Niazi	Professor	MBBS, M.Phil
Dr. Gul Hassan	Associate Professor	MBBS, MCPS, FCPS
Dr. Tahira Perveen	Assistant Professor	MBBS, M.Phil
Dr. Syed Hasnain Ali Shah	Assistant Professor	BDS, M.Phil