Institute of Pharmaceutical Sciences

PROSPECTUS

Admission Pharm-D.

(Session 2016-2017)
Message

We have got the greatest message in the Quran for our guidance and enlightenment. All that we have got to do is to know ourselves and the great qualities, virtues and power that we possess, let us work up to that great ideal. Let us utilize our great potentialities in the right direction. Let us forego our personal interest and convenience for the collective good of our people, and for a higher and noble cause.

Quaid-e-Azam Muhammad Ali Jinnah

Father of Nation
Vice Chancellor’s

Welcome

The Jinnah Sindh Medical University is admitting the second batch of students of Pharm.D in its constituent Sindh Medical College. The Sindh Medical College was created in 1973 and in the last forty years has progressed to become a University.

The university is fully equipped to train and teach with its state-of-the-art laboratories, museum, information technology and affiliated renowned institutions like Jinnah Postgraduate Medical Center, National Institute of Child Health and National Institute of Cardiovascular Diseases, which are famous all over Pakistan for their best clinical training and patient care.

The students also have access to maximum possible academic and learning resources, including digital library, with more than 22,000 full text online journals and text books are accessible even from home. Students have opportunities to participate in hands-on-training workshops and specialist courses at Professional Development Centre (PDC) of the university which is fully equipped with manikins, simulators, simulating ICU and Operation Theater, besides other required equipments for the training of postgraduates. There is a separate skills-lab for the training of undergraduates.

There are ample opportunities, support and guidance for those who are interested in research. “Computer Based Examination” is the upcoming task. The Department of Pharmacy is well equipped and its faculty well trained and committed to groom and equip the future pharmacist with latest updates. The Jinnah Sindh Medical University has both undergraduate and postgraduate programs. The graduates of Sindh Medical University are perceived world over as one of the best in their field

We hope that joining the Jinnah Sindh Medical University you will find yourself in one of the best institutes of the country.

Professor Syed Mohammad Tariq Rafi

Founding Vice Chancellor

Jinnah Sindh Medical University
Dean’s Message

Pharmacy is one of the most important disciplines for health care system. In Pakistan, this profession has assumed new dimensions and a significant role in the emergence of highly developed production skills in Pharmaceutical industry, thus creating ever expanding need for the absorption of pharmacy graduates.

The Faculty of Pharmacy, Jinnah Sindh Medical University is a newly established faculty with an elaborate undergraduate (Pharm.D.) and latter a Postgraduate (M.Phil.,Ph.d.) program. Keeping in view the guidelines provided by Pharmacy council of Pakistan and Higher Education Commission, the Faculty is now pursuing a program of education and practical training in community oriented Clinical Pharmacy, Industrial Pharmacy, Forensic Pharmacy, Drug Administration and drug related laws as well as other disciplines of the field. The main objective of the program is to prepare Pharmacist to serve healthcare system to promote the effective use of drugs with commitment and dedication to cater the needs of our society in the area of prevention and human well being with utmost zeal. We pray to Allah to bless our endeavors in this noble cause (Ameen).

Dr.Waqr Hussein
Professor & Dean
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SCHEME OF COURSES FOR PHARM. D…………………………………………………………………………………

EXAMINATION RULES AND GRADING……………………………………………………………………………………

NAMES OF THE FACULTY MEMBER………………………………………………………………………………………

JINNAH POSTGRADUATE MEDICAL CENTRE (JPMC)………………………………………………………………

NATIONAL INSTITUTE OF CHILD HEALTH………………………………………………………………………………

NATIONAL INSTITUTE OF CARDIOVASCULAR DISEASES…………………………………………………………...

LIBRARY & TRANSPORT FACILITY…………………………………………………………………………………………

BOYS AND GIRLS HOSTEL……………………………………………………………………………………………………

EXTRA CURRICULAR ACTIVITIES…………………………………………………………………………………………

ADMISSION PROCEDURE ………………………………………………………………………………………………………
Introduction:-

Pharmacy education is as important as the medical education for the healthcare system of a country. It includes all disciplines within pharmacy with a common purpose of facilitating the development and training of undergraduate students into a forward thinking, professionally committed healthcare oriented personals that would practice pharmacy in community health, hospitals and retail. In addition to this they would also work as a pharmacist with deep understanding of the pharmaceutical principles with therapeutic application of drug substances which would greatly benefit the community.

Since the Sindh Medical College is chartered as Jinnah Sindh Medical University from March 2013, the campus is growing steadily to provide an academic and conducive environment for intellectual pursuits. The Faculty of Pharmaceutical Sciences is the first institute besides the medical faculty which started its academic program in a short span of time, since January 2014. It has achieved tremendous success due to personal interest of the vice chancellor and the untiring efforts of our dedicated, hard working and enthusiastic faculty members. They have persistently worked as a team for the cause of better pharmacy education and professional training in Pakistan. All of our faculty members are well qualified and professionally competent to impart the professional and technical education to Pharm.D. students.

The faculty aims to equip students with excellent professional training for their further role in hospitals, clinical environment, community and industrial pharmacy. Our focus is on practice based approach to produce well trained personals for their professional carrier. Moreover, the Faculty of Pharmaceutical Sciences has a very impressive teacher student ratio (1:10) which is according to the recommendation of Pharmacy Council of Pakistan.

Pharmacy education has been initiated in the university in view of the need of a good drug delivery system in private hospitals, government organizations, retail pharmacy and also to fulfill the growing need of pharmaceutical industries as the majority of national and international pharmaceutical setups are located in Karachi.

The building of Pharmaceutical Sciences is situated in the close proximity within 200 yards of the largest teaching hospitals in Karachi for the clinical training of Pharm.D. students which is an integral and important aspect of pharmacy education. These hospitals include Jinnah Hospital, National Institute of Cardiovascular Hospital, National Institute of Child Health and Kidney Center.

The spacious faculty building occupies a total covered area of nearly 50000 sq. ft., comprises of five stories (ground plus four) and having five lecture halls with a capacity of 100 students and filled with multimedia and digital sound system. The building also has nine laboratories each equipped with all necessary instruments and other equipments, a good library containing about 300 books at present, a girl’s common room, staff room, and a council room. The course contents have been devised after careful deliberations of professors, subject experts and scholars according to the recommendation of Pharmacy Council of Pakistan.

In the near future the Faculty of Pharmaceutical Sciences will become a leading pharmacy faculty and will comprise of five teaching departments with well equipped laboratories under the guide line of Pharmacy Council of Pakistan. It is also under plan to establish a research program for the teaching staff and later to initiate M.Phil. /Ph.D. program in the faculty.
The mission of the Faculty of Pharmaceutical Sciences is to provide quality education to the undergraduate students and to prepare them with the task of delivering the best possible health care service in hospital, retail and community pharmacy and also in various department of pharmaceutical industry. Their jobs as medical representative for providing reliable information on pharmaceutical product is of immense important to the physicians. The safety and efficiency of these products is the main concern of the pharmacist for the benefit of the patients. The pharmacy education needs to be conducted on modern lines incorporating any recent development in the field and improving the set up of pharmacy concerns at par with those of the advance countries.
Pharm.D. Program:

Today, the goal of Pharm.D. education has developed from drug oriented pharmacy to highly patient oriented pharmacy. The Pharm.D. curriculum is designed to direct the attention of pharmacists towards the patients and prepare them to apply their education in practice of pharmacy involving preparation, quality control and safety of medicinally active substances from natural and synthetic sources and their formulation and supply of quality medicine to the patients.

The Faculty of Pharmaceutical Sciences, Jinnah Sindh Medical University offers semester based (2 semesters/annum) of five years duration Pharm.D. program. In this duration, students will complete total of 198 credit hours.

PHARM.D. PROGRAM OBJECTIVES:

- To produce highly competent pharmacists characterized by deep knowledge of science and practice of clinical techniques.

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- To enhance the standard of health care through excellence in pharmacy education, patient care and research.

- Use information technology to access and manage information and evaluate statistically and to integrate evidence from scientific studies into practice.

- To foster professional competency through life-long learning in order to provide ideal patient care.

- Contribute to the profession and society by demonstrating qualities of professional care, teamwork and leadership.

- To communicate and interact effectively with patients, other health care professionals and the community.

- To prepare students to identify the challenges confronting the field of pharmacy today and in the future; determine effective means of responding to these challenges and changes to provide optimal health care.
PHARM.D. OUTCOMES:

- To educate students to make them health professional characterized by deep scientific knowledge and evidence-based practice.
- Exhibit knowledge of pharmacist’s role in health care in congruence with the pharmacist code of ethics.
- Pharmacists will use computers and software effectively.
- Practice pharmacy in hospitals, community pharmacies and pharmaceutical companies.
- Use skills and attitudes including interpersonal communication skills and personal attributes as self-awareness, leadership, teamwork and an innovative mindset.
- Use knowledge about drugs and patient-centered pharmaceutical care.
- Demonstrate respect, accountability and dependability while interacting with patients and other health professionals.
- Pursue ongoing self-directed learning and self reflection and practice ethically.
CAREER OPPORTUNITIES IN PHARMACY:

A Pharmacy graduate is an expert on drugs and has varied choice of opportunities and secure future with good remuneration and starts his job with a good initial salary as compared with those of other science graduates.

The various fields open to a pharmacist are as follows:

- **General Practice:**

  Many pharmacy graduates start their own pharmacy where they dispense medicines with care for supply to the patients with professional skill and responsibility.

- **Hospital Pharmacy:**

  Hospital Pharmacist is responsible for providing all medicines needed by hospital, patients both treated in the hospital and those attending outpatient clinics.

- **Pharmaceutical Industry:**

  Where the different choices are:
  a. Quality control and assurance of drugs.
  b. Formulation to production.
  c. Sales and marketing.
  d. Technical and medication information.
  e. General administration.
  f. Research and development.
  g. Drug administration.

**RESEARCH:**

Opportunities for post graduate research work are available in the faculty Laboratories that provide basis for further educational development in the field of pharmacy and for higher degree i.e. M.Phil and Ph.D. Pharmacist with higher qualification are required to serve in academic institution and research and development activity in pharmaceutical industry.
# Scheme of Courses for Pharm.D. (Five Year Courses)

## First Professional Pharm.D.

### First Semester

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# Second Professional Pharm.D.

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## Third Professional Pharm.D.

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# Fourth Professional Pharm.D.

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# Fifth Professional Pharm.D.

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<tr>
<td>PHARM</td>
<td>703</td>
<td>Pharmaceutics (Pharmaceutical Technology) Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHARM</td>
<td>705</td>
<td>Pharmacy Practice (Advanced Clinical Pharmacy) Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHARM</td>
<td>707</td>
<td>Pharmacy Practice (Advanced Clinical Pharmacy) Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHARM</td>
<td>709</td>
<td>Pharmacy Practice (Forensic Pharmacy)</td>
<td>3</td>
</tr>
<tr>
<td>PHARM</td>
<td>711</td>
<td>Pharmaceutical Chemistry (Medicinal Chemistry) Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHARM</td>
<td>713</td>
<td>Pharmaceutical Chemistry (Medicinal Chemistry) Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHARM</td>
<td>715</td>
<td>Pharmacy Practice (Pharmaceutical Management &amp; Marketing)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 18

## Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Course Title</th>
<th>C. Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHARM</td>
<td>702</td>
<td>Pharmaceutics (Pharmaceutical Technology) Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHARM</td>
<td>704</td>
<td>Pharmaceutics (Pharmaceutical Technology) Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHARM</td>
<td>706</td>
<td>Pharmacy Practice (Advanced Clinical Pharmacy) Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHARM</td>
<td>708</td>
<td>Pharmacy Practice (Advanced Clinical Pharmacy) Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHARM</td>
<td>710</td>
<td>Pharmacy Practice (Forensic Pharmacy)</td>
<td>3</td>
</tr>
<tr>
<td>PHARM</td>
<td>712</td>
<td>Pharmaceutical Chemistry (Medical Chemistry) Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHARM</td>
<td>714</td>
<td>Pharmaceutical Chemistry (Medical Chemistry) Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHARM</td>
<td>716</td>
<td>Pharmacy Practice (Pharmaceutical Management &amp; Marketing)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 18
Pharm.D. Five Years Credit Hours Summary

<table>
<thead>
<tr>
<th>Pharm. D. Professional</th>
<th>1&lt;sup&gt;st&lt;/sup&gt; Semester Cr. Hour</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; Semester Cr. Hour</th>
<th>Total Cr. Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt;</td>
<td>23</td>
<td>19</td>
<td>42</td>
</tr>
<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt;</td>
<td>22</td>
<td>21</td>
<td>43</td>
</tr>
<tr>
<td>3&lt;sup&gt;rd&lt;/sup&gt;</td>
<td>20</td>
<td>19</td>
<td>39</td>
</tr>
<tr>
<td>4&lt;sup&gt;th&lt;/sup&gt;</td>
<td>20</td>
<td>20</td>
<td>40</td>
</tr>
<tr>
<td>5&lt;sup&gt;th&lt;/sup&gt;</td>
<td>18</td>
<td>18</td>
<td>36</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td></td>
<td></td>
<td>200</td>
</tr>
</tbody>
</table>

**EXAMINATION RULES AND GRADING**

The examination held at the mid of semester is Midterm Examination. It will carry 30% marks of course and the examination held at the end of semester after the completion of a course shall be known as Terminal Examination. It will also carry 70% marks of course. This examination is a passing head i.e., a student must for each course obtain a minimum of 50% marks in examinations.

Grades given to a student in each course shall be of two types:

a. **Numerical Grade (NG)**
   Assessment of performance on the basis of marks out of 100 fixed for a course of 3 or 4 credit hours unit is NG.

b. **Alphabetical Grade (AG)**
   Equivalent of numerical grades in terms of alphabets shall be termed as alphabetical grades. (Each letter carries a value in terms of numerical points).
c. **Grading**

<table>
<thead>
<tr>
<th>Numerical Grades</th>
<th>Alphabetical Grades</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>95-100</td>
<td>A+</td>
<td>4.0</td>
</tr>
<tr>
<td>80-94</td>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>75-79</td>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>70-74</td>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>65-69</td>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>60-64</td>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>55-59</td>
<td>C</td>
<td>2.3</td>
</tr>
<tr>
<td>50-54</td>
<td>C-</td>
<td>2.0</td>
</tr>
<tr>
<td>&lt;50</td>
<td>U/F</td>
<td>0</td>
</tr>
</tbody>
</table>

d. **Incomplete Grade**

For incomplete courses no point shall be given.

e. **Grade Point Ratio (GPR)**

Points obtained in each course shall be multiplied by the number of Credit Hours specified for that course, and then a grade point ratio (GPR) shall be calculated.

**Formula:**

\[
\text{Grade points in a course} = \text{Credit Hours of the course} \times \text{Grade point equivalent to the score given in the grade point table}
\]

i. **Cumulative Grade Point Ratio (CGPR)**

This is obtained by adding all the Grade Points of the courses during 5 years study period and dividing the total by the total number of credit hours.

\[
\text{CGPR} = \frac{\text{Total Grade Point in all courses}}{\text{Total number of Cr. Hrs.}}
\]

3. **Requirement for the award of Pharm.D. degree:**

a. A student must have passed all prescribed courses.

b. A student must have obtained a minimum CGPR 2.45
Promotion criteria:

1. **Concerned rules for promotion and repetition of courses:**

   a. In an academic year, a student would be promoted to next higher class upon clearing 80% of courses. For all courses of Pharm-D professionals’ class there would be no special examination. Students requiring to pass such a course shall repeat it together with the regular class. For the failures of Pharm-D, 5th year i-e 10th semester, there may be a supplementary examination, which will be held after six weeks of the announcement of the Pharm-D final results.

   b. A repeater student who fails to clear a course / courses in five regular, available chances will not be eligible to re-appear. He/ She may be allowed as a last chance to attend the classes of course/courses he/she failed to clear. Permission to appear in the examination will be subject to completing attendance requirement and permission by the Vice Chancellor.

   c. The repeater students should pay 25 percent fee to appear as a year back candidates.

2. **Attendance:**

   Attendance in each subject is obligatory for all students. Student having less than 75 per cent attendance in each course shall not be eligible to appear at any University examinations.

   Attendance of a student will not be counted from the date of admission, it will be counted from the date classes begin. The Dean may condone only up to 5 percent shortage in attendance for bonafide reasons. A further shortage of 10 percent in cases of hardships may condone by the Vice-Chancellor, but students having less than 60 percent will not be eligible to appear at any University examinations.

   A student shall cease to be a student of the University due to continued absence for 3 weeks from the date of his admission. Appeal against the cancellation of admission may be made to the Dean’s decision through Vice-Chancellor shall be final.

3. **Duration for completion of degree:**

   Maximum duration for completion of Pharm-D degree will be seven years. Fresh admission at the level of Pharm-D 1st Professional will be required after this period.
Names of Faculty Members:

- Prof. Dr. Waqar Hussein    Dean
- Dr. Khwaja Zafar Ahmed    Professor
- Dr. Kiran Rafiq    Associate Professor
- Dr. Huma Shareef    Associate Professor
- Dr. Huma Ali    Associate Professor
- Dr. Muhammad Fayyaz    Assistant Professor
- Dr. Bushra Hina    Assistant Professor
- Ms. Humera Ansar    Assistant Professor
- Ms. Shahlla Imam    Assistant Professor
- Ms. Shaheen Perveen    Assistant Professor
- Dr. Tabinda Zarreen Mallick    Lecturer
- Ms. Sobia Iftikhar Ali    Lecturer
- Ms. Hina Hassam    Lecturer
- Ms. Shafaque Adnan    Lecturer
- Ms. Madiha Kanwal    Lecturer
- Ms. Anum Bhuttoo    Lecturer
- Ms. Zaib Kauser    Lecturer
- Mr. Ahad Abdul Rehman    Lecturer
- Mr. Ahsaan Ahmed    Lecturer
- Mr. Syed Zohaib Hassan    Lecturer
- Mr. Kamran Khan    Lecturer
- Ms. Madeeha Khan    Lecturer
- Mr. Syed Zaad Ali Hashmi    Lecturer
- Mr. Hassaan Ahmed Siddique    Lecturer
Jinnah Postgraduate Medical Centre (JPMC)

JPMC has the honor of being the first postgraduate medical centre of the country. There are departments of almost all specialities and sub specialities of medicine and surgery for the training of under graduate and post graduate students. The most highly qualified and trained faculty members are available for the committed training of the students. Post graduate students are selected purely on merit basis to be trained at this auspicious institute.

It has the basic medical science institute attached with, which was established with the financial and technical assistance of the Ohio University of USA. It is a state of the Art centre for training the postgraduate students in basic medical sciences for M Phil, PhD. Degrees.

National Institute of Child Health

NICH is a 500 bedded hospital established in 1973 running under administrative control of Ministry of Health Province of Sindh. It is the first children hospital of the country and presently one of the largest and the only children hospital of the province. It provides tertiary care services for almost all types of pediatric diseases and is equipped with latest diagnostic gadgetries. Its highly qualified faculty provides teaching and training facilities both at under graduate and post graduate levels. It is a prime institution of the country recognized nationally and internationally.

It has more than 50 incubators, one of the most modern nursery, latest oncology ward and many ventilators offering medical facilities and training options for the undergraduate of Sindh Medical College, & postgraduates from all over the country.
The National Institute of Cardiovascular Diseases (NICVD), was established in 1963 to meet the national need to cope with the increasing demand for the diagnosis, management and prevention of cardiovascular diseases and also to keep pace with the rapid technological advancement in the practice of cardiology through research and development.

NICVD was the first Cardiology Institute in this entire region. It is the biggest and the pioneer institution of its kind in Pakistan and South Asia.

The departmental structure of the hospital is as follows:

- Department of Adult Cardiology
- Department of Cardiac Surgery
- Department of Anesthesiology and Intensive Care.
- Department of Pediatric Cardiology.
- Department of Clinical Pathology.
- Department of Non-Invasive studies.
- (a) Nuclear Cardiology.
- (b) Department of Echocardiography.
- (c) Exercise Tolerance Test.
- Cardiac Catheterization / Interventional Cardiology and Electrophysiology Laboratory.
- Department of Rehabilitation and Preventive Cardiology.
- Supportive and Administrative Departments.

The faculty of NICVD facilitates the Pharm.D students in clinical pharmacy.
LIBRARY FACILITIES:

Faculty of Pharmacy has spacious and well established library. It provides comprehensive collection of latest books concerning of Pharmacy Profession. In the early stage 1300 books are present and more are coming. The emphases are given for up graduation with latest edition in order to provide recent advances to the students.

COMPUTER LIBRARY:

Pharmacy faculty elaborates computer facilities with its application in Pharmacy and offer extensive usage hours and state-of-the art hardware and variety of software to make computing a real living experience. The facilities comprise network PCs linked to a wide range of software. Broadband information network connecting facility is available.
CANTEEN:
A newly built and furnished canteen situated in Campus II with facility of fresh hygienic food items at reasonable rates for students.

Photocopy facility is available within the premises.

TRANSPORT FACILITIES:
University provides transport facility to the students and willing staff of Jinnah Sindh Medical University. Buses pick the students from almost every feasible area of the city and safely drop them back after the closing time of the college. A transport card is issued to students on subsidized rates for one year. It is renewed yearly. Buses are in excellent conditions and students prefer to utilize college transport in comparison to public transport as they feel safe and comfortable.
Extra Curricular Activities:

(a) Industrial Tours:

The students go on industrial tours of various pharmaceutical industries and laboratories during the course of their studies as a part of their practical/professional training and skill development. Expenses of these trips are borne by Jinnah Sindh Medical University. The Faculty of Pharmaceutical Sciences keeps liaison with different pharmaceutical institutions which facilitates the students seeking employment.

(b) Sports and debates:

Jinnah Sindh Medical University promotes all types of sports activities to its students and made sports teams of all major and minor sports like athletics, cricket, football, handball, table tennis, volleyball, etc. Students are encouraged to take part in any type of sports activity within the rules and regulations. The university students also take part in the inter university sports competitions to provide the national level exposure to the students. Students also participate in debates and quiz competitions. Recently, they participated in an Essay competition organized by HEC.
(c) Events:

Jinnah Sindh Medical University, Faculty of Pharmaceutical Sciences, celebrates all kinds of events with full dedication. Last year JSMU organized ‘Cooking Competition’ in which students of Pharm.D. participated and won 1st prize.

(d) 14th August Celebrations:

On the occasion of Independence Day, a ceremony related to 14th August was held on 13th of August. The ceremony started by Flag Hoisting of Pakistan and National Anthem. All the students gathered at the auditorium and sung the National Anthem. The Vice Chancellor Dr. Syed Muhammad Tariq Rafi and Dean Prof. Syed Waqar Hussein along with all the faculty members gathered at this event and cut the cake. The ceremony started with Qiraat and Naat e Shareef. All the students participated with full enthusiasm.
ADMISSION PROCEDURE DETAILS

A. Schedule of Admission:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Event</th>
<th>Tentative Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Availability of Prospectus at HBL,JPMC Branch</td>
<td>26-Dec-2016</td>
</tr>
<tr>
<td>2.</td>
<td>Last date of submission of form</td>
<td>05-Jan-2017</td>
</tr>
<tr>
<td>3.</td>
<td>Eligibility List</td>
<td>09-Jan-2017</td>
</tr>
<tr>
<td>4.</td>
<td>Entry Test</td>
<td>12-Jan-2017</td>
</tr>
<tr>
<td>5.</td>
<td>Display of initial merit list</td>
<td>16-Jan-2017</td>
</tr>
<tr>
<td>6.</td>
<td>Last date of objection/claims on initial merit list</td>
<td>18-Jan-2017</td>
</tr>
<tr>
<td>7.</td>
<td>Display of final merit list</td>
<td>20-Jan-2017</td>
</tr>
<tr>
<td>8.</td>
<td>Interviews and original documents verification</td>
<td>24-Jan-2017</td>
</tr>
<tr>
<td>9.</td>
<td>Start of session</td>
<td>06-Feb-2017</td>
</tr>
</tbody>
</table>

B. Admission Procedure:

- First fill the online application form at the website [www.jsmu.edu.pk](http://www.jsmu.edu.pk) and get the auto generated receipt of it printed.
- Fill the original application forms without any overwriting. (You may use a photocopy for rehearsal).
- Arrange and attach the documents and photographs in specific order in a file as advised in application form.
- The candidates will apply for admission along with attested copies of required documents (details are given in subsequent pages) and pay order worth Rs.1600/-.
- Admit cards for entrance test will be dispatched through courier service.
- Reach the center for entrance test before specified time.
- Result of entrance test and merit list will be displayed as per schedule.
- Original documents and required pay order and affidavit are mandatory at the time of admission/interview.
C. **Admission Rules & Regulations:**

- The decision of the selection board will be final and cannot be challenged.
- The selection board may investigate any document and may call any candidate for that purpose.
- The selection board shall have the right to refuse admission to any candidate, who indulges in violence, uses abusive language, becomes insolent or misbehave with the members of the selection board.
- The selection board shall not consider any candidate for admission if he/she is found to be involved in any form of unfair means/fraud at any stage of admission/selection.
- Any candidate found using Domicile/PRC of more than one district/place in Pakistan will be disqualified for admission at JSMU, in any other medical institution of Sindh province and the case will be referred to the concerned authorities for investigations.
- In case of any controversy, the decision of the selection board shall be final.

**Categories of seats for Pharm.D. at Jinnah Sindh Medical University:**

Admissions in Jinnah Sindh Medical University are given according to merit. There is 70 percent quota for open merit and 30 per cent quota for self finance admissions. Certain seats are reserved for interior Sindh domicile students as well.

A. **OPEN MERIT: (70 seats)**

- 49(Forty-nine) seats have been reserved for Open Merit candidates with Karachi domicile who have studied Matric/’O’ level and Inter/A level.
- 21(Twenty-one) seats are reserved for Open Merit candidates with Domiciles of interior Sindh who have studied Matric/O level and Inter/A level.

B. **SELF FINANCE(UEDP local): (30 seats)**

- 21(Twenty-one) seats have been reserved candidates with Karachi domicile on self finance basis who have studied Matric/O level and Inter/A level.
- 09(Nine) seats are reserved for candidates with Domiciles of interior Sindh on self finance basis who have studied Matric/O level and Inter/A level.
SUMMARY OF SEATS & ADMISSION FEES PROCEDURE:

- Please submit required pay orders of admission fees and tuition fees of two semesters at the time of interview for verification of original documents.
- Admission letter will not be issued without submission of pay orders.
- 10% increase in tuition fees of only Open Merit every year.

<table>
<thead>
<tr>
<th>Category of Seats</th>
<th>Number of Seats</th>
<th>Admission Fees</th>
<th>Tuition Fees of Two Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Merit</td>
<td>70</td>
<td>Rs.24,200</td>
<td>Rs.1,06,480*</td>
</tr>
<tr>
<td>Self Finance</td>
<td>30</td>
<td>Rs.24,200</td>
<td>Tuition fee = Rs.2,12,960</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5% income tax = Rs.11,858</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total = Rs.2,24,818</td>
</tr>
</tbody>
</table>

*Break up of Open Merit Seats

| Karachi Domicile | 49 |
| Interior Sindh   | 21 |

*Break up of Self finance Seats

| Karachi Domicile | 21 |
| Interior Sindh   | 09 |

**Note:** According to FBR rules 2013 all fee payments above 2 lacs must pay 5% income tax (adjustable).
IMPORTANT NOTES:

• Candidates who are finally selected on OPEN MERIT or SELF FINANCE (UEDP local) will have to pledge through an affidavit that they will complete Pharm.D. Course of five years. In case they leave the college before completing the course for any reason, they will have to submit a pay order of Rs. 2,50,000/- in favor of Jinnah Sindh Medical University, as a penalty for wasting the precious seat. Only then the original documents will be returned.

• Candidates selected for admission will have to submit separate pay orders of admission fee (non-refundable) and tuition fees of first two semesters in favor of “Jinnah Sindh Medical University”.

• Tuition fees for subsequent year will have to be paid within one week after the start of 3rd, 5th, 7th and 9th semester. In case of default late fee will be charged as mentioned in fee schedule.

• No candidate should pay any amount in cash to anybody, anywhere (inside or outside JSMU), neither cash fees nor any challan be submitted in any bank for admission. These payments will be made by bank drafts.

• The admission will be confirmed after final verification of documents and submission of the required pay order/bank draft in favor of JSMU, within three months after the commencement of first class.

• The potential candidates according to the final merit list will have to bring the pay orders of the respective category, as mentioned in the prospectus, along with the original documents for final allotment of seat on merit-cum-choice basis, on the specific day as per schedule. In case the candidate is not selected, the pay order will be stamped for cancellation.

• If at any stage of Pharm-D. course, it is proved that the candidate has been admitted on the basis of false/incorrect documents or information against the rules of admission, his/her admission will be cancelled immediately by the University, after giving him/her an opportunity through a show cause notice and receiving a reply within 7(seven) days. The entire fee paid by him/her will be fortified and the University will have the right to take any legal action against the candidate as per law of the country.

• In case of any fraud or tampered documents legal action will be taken. It will be notified to all pharmacy institutions of the country. He/ She will be debarred from getting admission in any institution and will be imposed a fine of one lac (1,00,000) after a show cause notice of seven days.
ELIGIBILITY CRITERIA:

For both categories (Open merit & Self finance)

- Matric Certificate/ ‘O’ level/equivalent examination certificate.
- Marks sheet of Matric/’O’ level/equivalent examination transcript.
- ‘O’ Level equivalence certificate.
- Marks sheet of Intermediate Science/’A’ level/equivalent.
- Minimum marks of 60% aggregate in Intermediate science (Pre-medical)/’A’ level/equivalent examination.
- Provisional certificate from college.
- Candidate’s domicile certificate
- Candidate’s permanent residence certificate (PRC, or Form- C)
- Candidate’s CNIC (Computerized National Identity card) or ‘B’ form (if he/ she is under eighteen years of age).
- Candidate’s father domicile of Sindh province on form P- 1.
- Six recent passport size photographs (with the name, 3 attested from front and 3 from back).

ENTRANCE TEST:

It will be held at Karachi for categories of OPEN MERIT and SELF FINANCE.

- The entrance test will be conducted for the eligible candidates on
- The venue and the time of entrance test will be mentioned in the admit card.
- This Entrance test will be valid only for the current session of admission.
- Candidates who have acquired less than 60% marks in the Inter science or ‘A’ level exam will not be allowed to appear in the Entrance Test.
- No candidate will be allowed to appear in the entrance test without the admit card issued by the JSMU.
- All male and female students will only be allowed to appear in the entry test after being identified with complete face exposure by authorized persons.
• The Entrance test will be based on the following subjects.
  a) Biology………………………30 questions
  b) Chemistry……………………30 questions
  c) Physics………………………30 questions
  d) English………………………10 questions

All the questions will be from the current syllabus of the Board of Intermediate and Secondary Education Karachi.

DOCUMENTS TO BE SUBMITTED:

One set of attested photocopies of following documents must be attached in an office file along with the original application form.

1. Application form.
2. Matric Certificate/ ‘O’ level/equivalent certificate
3. Marks sheet of Matric/’O’ level/equivalent
4. Marks sheet of Intermediate Science/’A’ level/equivalent examination
5. Provisional certificate from college.
6. Candidate’s domicile certificate
7. Candidate’s permanent residence certificate (PRC, or Form- C)
8. Candidate’s CNIC(Computerized National Identity card) or ‘B’ form(if he/ she is under eighteen years of age).
9. Candidate’s father domicile of Sindh province on form P- 1.
10. Two recent passport size photographs.

NOTE:

• No marks sheet whether original or revised will be accepted after entry test.
• Candidates are also required (mandatorily) to fill online forms available on JSMU website www.jsmu.edu.pk in addition to manual form attached with prospectus.
• Prospectus and application form will be available on specified branches of HBL by submitting one thousand rupees through bank challan(no bank draft required).
• sixteen hundred rupees have to be paid via bank challan, available on HBL JPMC branch
as application form and processing fee along with the required documents in the application form plus

- Read the important instruction sheet given to you with the application form before submitting the documents.
- One set of documents to be attached in a file.
- Do not use fancy plastic files with clips, ONLY USE NORMAL OFFICE FILES.

**MERIT FORMULA:**

For Open merit and Self finance categories requiring Entrance test (with weightage of marks)

**Weightage of marks:**

a) Matric/’O’ level/equivalent examination…..10%
b) Intermediate/’A’ level’ equivalent examination……..40%
c) Entrance test……50%
d) Forty percent of total theory marks obtained in Biology, Physics and Chemistry by Inter Science / A level students will be considered for weightage of final merit calculation.

**MERIT LIST:**

- The initial merit list will be displayed as per schedule on the website of the Jinnah Sindh Medical University. [www.jsmu.com.pk](http://www.jsmu.com.pk)
- Applicants will be given time frame for their merit mentioned in their initial merit list.

**FINAL ADMISSION:**

Candidates of initial merit list along with Parents/Guardian, Original documents and required pay orders will be called for Open merit and Self finance seats, as per given schedule. Only those candidates for seat allocation of Self finance will be called for interview who have marked Self finance option in their application forms.

**PAYMENTS:**

- All payments are mandatory at the time of finalization of admission.
- Rs.15000 (tentative)for transport(if availing).
CLOSING DATE OF ADMISSION:

- Admissions will be closed 30 days after start of academic session and no admission will be given in any categories including the reserved seats.
- Orientation class on first day of the class after admission in 1st Professional Pharmacy course will be taken as the first day of corresponding academic year.
- Enrolled form will be issued after the confirmation of old documents within 3 months of 1st day of academic session. Any other letter besides that will be considered fake.
- The selected candidates should be enrolled with the University by paying enrollment fees.

Rules for the payment of fee:

Any fee deposited is non-refundable. Pay of two semesters’ tuition fees (of the respective category) will have to be paid within one week after the start of 3rd, 5th, 7th, and 9th semester.

In case the fee is not submitted during the given specified time late payment charges will be applicable as follow:

- First month (after lapse of first week) 2.5% of tuition fee.
- Second month 5.0% of tuition fee
- Third month 7.5% of tuition fee
- Fourth month 10.0% of tuition fee.
- Fee of all categories will increase by 10% every year.

- AFTER FOUR MONTHS OF NON PAYMENT THE SEAT IS LIABLE TO BE CANCELLED AND STUDENT WILL NOT BE ALLOWED TO APPEAR IN ANY EXAMINATION.
- The revised fee and late payment charges will be applicable to all the students studying in JSMU and also to the NEWLY ADMITTED STUDENTS.
- Fee is subject to revision by the university at any time during the course of the study, due to unavoidable circumstances.
**Jinnah Sindh Medical University Students Conduct Rules:**

**Students conduct Rules:** These rules are applicable to all students who are admitted to the Jinnah Sindh Medical University, and include undergraduate and postgraduate students.

1. No student or group of students shall form society/association/organization.

2. No outsider will be invited by the student to address any meeting at the University or its constituent college/institute/school, hospital etc whether academic, social, religious or political (without prior written permission of the authorities). Decisions of authorities will be final and taken on case to case basis.

3. Students are not allowed to paste any poster, pamphlet or fix banners on the wall. Graffiti on walls (wall chalking) of the premises of the University or its constituent college/institute/school, hospital etc be they academic, social, religious or political, are also not allowed.

4. During teaching hours students are prohibited to play or roam around in the premises.

5. No students or groups of students shall arrange any program, picnic, musical concert, sports etc, on their own, without prior written permission from the authorities.

6. No students or group of students is allowed to collect money for any purpose whatsoever.

7. University Identity Card, (ID) should be displayed, at all times, when the students are in the premises of the University. Faculty members and security staff are authorized to check the I.D. cards at any time.

8. If any students wants to publish his/her scientific or literary article, he/she must get the draft approved, by the authorities. They are also required to submit the copy of the final article/paper (to be published) for record purposes to the university.

9. Students will not be allowed to address the media or national press on any subject.

10. Students are forbidden to address higher authorities directly. Any communication intended for higher authorities, must be routed through proper channel (Vice Chancellor/Principal/Dean/Director).

11. Smoking, pan chewing, littering, spitting and other activities, prejudicial to the conduct are prohibited in the classroom, laboratories, seminar/tutorial rooms, library during and even after university hours.

12. Unless specifically permitted, no students or group of students are allowed to enter administrative and department offices/telephone exchange, or teaching areas or use office equipments(s)/machinery like telephone, printer, typewriter, projector or multimedia, etc.

13. No student is allowed to bring a weapon/and or ammunition, liable to cause injury, or any other harmful item, inside the premises.

14. Misbehavior with faculty members and other staff members of the University by a student or group of students is completely prohibited. Such misdemeanors would attract penalties as serves as expulsion and rustication.

15. Use of loudspeakers/amplifiers, megaphone is prohibited in the premises of the University.
**Suspension:**

A student shall be liable for suspension up to six months if he / she commits any of the following act:

1. Misbehaves or quarrels with any teacher or member of the staff.
2. Is generally disobedient.
3. Spreads false rumors
4. Uses inappropriate or filthy language.
5. Incites other students to violence.
6. Is inappropriately dressed.
7. Shouts, abuses, quarrels or fights with fellow students.
8. Raises slogans to hurt other, politically or religiously.
9. Interferes with the administration, including the mode or schedule of examination.
10. Indulges in acts of immorality.
11. Indulges in any kind of political activity including displaying posters or play cards within the faculty.
12. Remains absent continuously for more than 4 weeks without prior permission.

**Rustication:**

A student may be rusticated for a period of 3 years due to any of the following acts:

1. Taking forceful possession making unauthorized use or damaging any property.
2. Involving himself in any agitational activity.
3. Found indulging in activities, prejudicial and detrimental the good order of the faculty.
4. Adopting unfair means during examination.
5. Disobeying an order of suspension passed against him.
6. Any other act, which the principal or the disciplinary committee considers inappropriate.
7. Anybody who does not submit the prescribed undertaking about non-involvement in political activating.

**NOTE:** Any student suspended or rusticated for the reasons mentioned above shall not be allowed to appear in the examination.
**Expulsion:**

A student is liable to be expelled from the college if he/she commits any of the following act and this order shall be final and irrevocable if he/she

1. Is found in possession of firearms or lethal weapons or Narcotic drugs in the university premises, hostels, examination hall, teaching hospitals or any other areas as specified by the university administration.

2. Remains absent for more than three months without permission of the Principal/Director/Dean, his/her admission shall be cancelled by the disciplinary committee of that college/institute.

3. Student/parent will be given three notices before final expulsion.

4. Student who fails to be enrolled within mentioned time then his/her admission will be considered as cancelled.

**Students Disciplinary Rules & Procedure:**

Any student indulging in conduct contrary to the above mentioned rules shall be dealt with in accordance with the Jinnah Sindh Medical University Conduct Rules and the procedure mentioned below:

1. Each constituent of faculty will have a Disciplinary Committee to be notified with the approval of the Vice Chancellor to deal with all the disciplinary matters.

2. The Dean on solo moto or on any complaint, may initiate action against any student of the college and refer the case to the Disciplinary Committee of the faculty for appropriate recommendation.

3. Before taking any action, the Dean shall serve a show cause notice to student indicating briefly the charges against him. The accused student will have to give a written reply within seven days. He/she will be given a chance for personal hearing after which the Dean of the constituent faculty is empowered to suspend, rusticate or expel the student.

4. The student to whom the Dean suspended, rusticated or expelled from the faculty may appeal to the Vice Chancellor against the decision of the Dean within 30 days.

5. Any student whose name appears in the F.I.R. pertaining to any non-bail able offence as specified in the criminal procedure code (Cr. P. C.) will be suspended. During the pending period of the case he/she will not be allowed classes or take up any examination.

**Dress Code:**

All students must wear white coat in the campuses of JSMU (With a tag having name and class) and decent shoes/sandle but no slippers, in case of default they will not be allowed to enter or a disciplinary action will be taken.
Mandatory DECLARATION / UNDERTAKING AFFIDAVIT ON STAMP PAPER
(To be typed on Rs 50/ stamp paper and produce along with the original documents on the day of interview if final admission is given

Affidavit-I

For course completion Certificate
Institute of Pharmaceutical Sciences,
Jinnah Sindh Medical University, Karachi.
Pharm-D 2016-2017

I ____________________________ S/O , D/o ________________________________ Resident of ________________________________, solemnly declare that after being selected will complete five years course of Pharm.D as per schedule. In case of my failure to do so, I will pay Rs. 2,50,000/- (rupees Two hundred and fifty thousand only) for wasting the precious seat of the university. The university reserves the right of not returning my original documents in case I do not pay the above mentioned amount.

Signature of student _____________
Name of student ________________
Year of Admission ________________
Date ________________
C.N.I.C NO______________________

Father’s / Guardian’s Signature____________
Father’s / Guardian’s Name ______________
C.N.I.C NO______________________
AFFIDAVIT –II

Admission Rule


1. Will abide by rules and regulations for this institute enforced OR as amended from time to time.
2. The result of the evaluation test will be fully acceptable to me and I will not dispute it in any case.
3. I will not ask for any change of subject at any stage of the course I will not object to any change in the period of the course.
4. I will not be involved in any sort of political, linguistic and sectarian activities neither I will organize or become member of any political student party / organization or any student grouping.
5. I will not dispute / challenge the diploma / degree issued by the Jinnah Sindh Medical University, Karachi, in the court of law and neither liaison with any newspaper.
6. In the case of damage to any properly penalty imposed by JSMU will be paid by me.
7. In case of expulsion / termination from course on basis of gross misconduct / violence terrorism I will not challenge the decision in any court of law in Pakistan.
8. I accept that continues absence for more than 15 days without prior information may lead to termination from the course by the authorities concerned.
9. I will abide by all the rules and regulation of the course, student conduct and liability etc. as mentioned in the prospectus.
10. I undertake if I am found involved in any unlawful activity or providing incorrect information at any stage, the university shall have the right to cancel my admission without assigning any reason.

Signature of student _______________
Name of student _______________
Year of Admission ________________
Date__________________
C.N.I.C NO____________________

Father’s / Guardian’s Signature______________
Father’s / Guardian’s Name ________________
C.N.I.C NO____________________