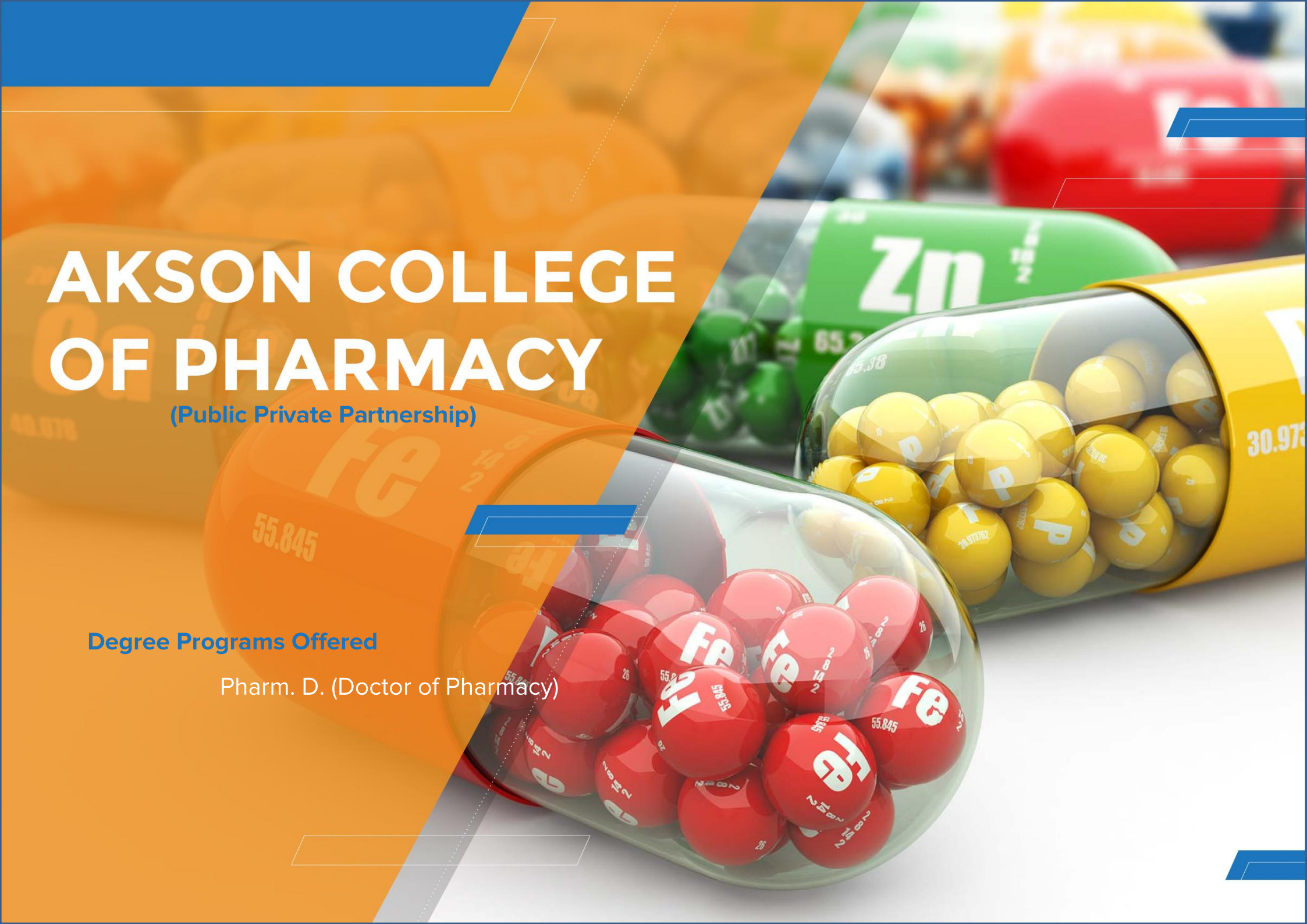


AKSON COLLEGE OF PHARMACY

(Public Private Partnership)

Degree Programs Offered

Pharm. D. (Doctor of Pharmacy)





Principal:

Dr. Kashif Sohail

Tel: +92-5827-451188

E-mail: principal.akson@must.edu.pk

Message from Principal:

Akson College of Pharmacy was established as “College of Pharmacy” in 2011 keeping in view the pivotal role of pharmacy professionals in the health system. As Pharmacist is the only resourced person who is in a unique position of exercising complete drug expertise and its applications. The Pharmacist plays a key role in Health Care System of the country and he is an important member of health Care Team.

Akson College of pharmacy provides convenient scientific and practical environment and adopts a well-designed study plan for Doctor of Pharmacy according to Pharmacy Council of Pakistan. As an institution for the health professionals which is committed to rear up graduates in a competitive, learning and professional environment, our mission is to be recognized as nationally and internationally in pharmaceutical education, research and civic engagements. So far five batches have been passed out from Akson college of Pharmacy and are serving communities locally and internationally in different fields of pharmacy. We aim to accomplish our goals by conducting competitive clinical, basic, social and administrative science research under a team of dedicated faculty and professional staff



Faculty Members

Dr. Kashif Sohail

Designation
Qualification
Contact

Associate Professor & Principal
Ph.D.
principal.akson@must.edu.pk

Qazi Amir Ijaz

Designation
Qualification
Contact

Assistant Professor
M.Phil., Ph.D. (Sch.)
amir.akson@must.edu.pk

Amen Saeed

Designation
Qualification
Contact

Assistant Professor
M.Phil.
aimen.akson@must.edu.pk

Sohail Riaz

Designation
Qualification
Contact

Lecturer
M.Phil.
sohail.akson@must.edu.pk

Asif Shahzad

Designation
Qualification
Contact

Lecturer
M.Phil., Ph.D. (Sch.)
asifshehzad.akson@must.edu.pk

Faisal Razzaq

Designation
Qualification
Contact

Lecturer
M.Phil.
faisal.akson@must.edu.pk

Muhammad Kamran Khan

Designation
Qualification
Contact

Lecturer
M.Phil.
kamran.akson@must.edu.pk

Sarwat Shaheen

Designation
Qualification
Contact

Lecturer
M.Phil.
sarwat.akson@must.edu.pk



Faculty Members

Memoona Qureshi

Designation

Lecturer

Qualification

M.Phil.

Contact

memoona.akson@must.edu.pk

Sajid Ali

Designation

Lecturer

Qualification

M.Phil.

Contact

sajid.akson@must.edu.pk

Javeria Khan

Designation

Lecturer

Qualification

M.Phil.

Contact

javeria.akson@must.edu.pk

Sadaqat Hussain Awan

Designation

Lecturer

Qualification

M.Phil.

Contact

sadaqat.akson@must.edu.pk



Akson College of Pharmacy

Akson College of Pharmacy located at old industrial estate, Sector D/1, Mirpur was established as “College of Pharmacy” in 2011 keeping in view the pivotal role of pharmacy professionals in the health system. In developing countries inability of public sector to meet the requirement of public health needs due to meager resources is a norm and pharmacy profession is not an exception. Akson College of Pharmacy is an excellent and dedicated Public-Private” endeavor of Akson group and Mirpur University of Science and Technology (MUST) to cope prevalent health challenges of society, recognized by Pharmacy Council of Pakistan (**Letter No. F.No.2-06/2010-PCP September 22, 2017**).

Job Opportunities for Pharmacists

Pharmacists playing vital role in the communities of advanced countries. Recent career opportunities in Pakistan include;
Regulate Drug affairs

- Employment within primary care groups
- As pharmaceutical advisor to health authorities, drug regulatory bodies, health planners and policy makers
- In education institutions and international epidemiological research organizations
- As research scientists in Research & Development departments for new drug developments
- As community pharmacist to ensure safe, cost effective and rational use of drugs along with follow up prescription advices to the patients as well as the important role in drug testing laboratories
- In government regulated hospitals and private clinics as hospital and clinical pharmacists
- As research scientists in nuclear and forensic science agencies
- Within pharmaceutical industries as production pharmacists and as marketing managers for sale promotion of drugs



- As federal & provincial drug inspectors and drug controllers to regulate drug affairs.

Lab facilities

Laboratories are the backbone of any technical institute. Akson College of Pharmacy has developed nine (09) state of the art and well equipped laboratories for each specialized subject of pharmaceutical sciences; enabling leading-edge drug development and life sciences research (Pharmaceutics, Pharmaceutical Chemistry, Basic Medical Sciences, Microbiology, Pharmacognosy, Industrial Pharmacy, Instrumentation & Quality Control) and one (01) IT lab to improve and sharpen the professional skills of students. All laboratories are constructed & designed as per Pharmacy Council of Pakistan (PCP) specifications and are equipped with primary aid facility along with safety equipment. The regular inventory of the chemicals, glassware, hardware and minor equipment is maintained during the academic calendar year. There is a

separate state-of-the art animal house which is ready for experimentation on animals.

Library

College library is stocked with most recent editions of the books recommended by Higher Education Commission and Pharmacy Council of Pakistan. Library provides faculty and students with resources and services in a quiet, comfortable environment. Moreover, to cater the student's virtual need and activities, well established computer lab with internet facility is provided. Literature books, scientific journals and magazines are present to indulge the student passion for reading and learning.

Program Mission

“To provide quality pharmacy education & research that contributes significantly to improve health care system of the society, through intra disciplinary approach.”



Program Learning Objectives (PLOs)

- To provide comprehensive pharmacy education to cope the challenges of pharmaceutical care of our health apparatus.
- To produce quality pharmacists capable of steering the helm of affairs of our pharmaceutical industry.
- To foster an environment that enables graduates to acquire knowledge, analytical skills, problem solving attitude and ethical values necessary to enter pharmacy practice and provide patient centered pharmacy services.
- To promote collaboration with other health professions to materialize the concept of rational and cost-effective drug use for health promotion and illness prevention of the society.

- To educate the community about misuse/mishandling/compliance of medicines through various civic engagement modules.

Admission Criterion:

- F.Sc (Pre-medical) or Equivalent with minimum 60% marks
- OR
- B.Sc. (Botany, Zoology, Chemistry) with minimum 45% marks along with 1st division in F.Sc.



Scheme of Study (Doctor of Physical Therapy)

Education System	Semester			
Mode of Study	Regular			
Session Type	Morning			
Total Duration	10-14 Semester			
1 Theory Credit Hour	01 hour			
1 Lab Credit Hour	03 hour			
Internship/Practical Training	S/U Basis			
Comprehensive Oral Examination	S/U Basis			
Total Credit Hours	201 Credits			
1st Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
ENG 300	English-A (Functional English)	2	0	2
PHARM 310	Pharmaceutics-IA (Physical Pharmacy)	3	1	4
PHARM 311	Pharmaceutical Chemistry-IA (Organic)	3	1	4
PHARM 312	Pharmaceutical Chemistry-IIA (Biochemistry)	3	1	4
PHARM 313	Physiology-A	3	1	4
PHARM 314	Anatomy & Histology	3	1	4
			Total	22



2nd Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
ENG 301	English-B (Communication & Writing skills)	4	0	4
PHARM 315	Pharmaceutics-IB (Physical Pharmacy)	3	1	4
PHARM 316	Pharmaceutical Chemistry-IB (Organic)	3	1	4
PHARM 317	Pharmaceutical Chemistry-IIB (Biochemistry)	3	1	4
PHARM 318	Physiology-B	3	1	4
Total				20
3rd Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
IS 402	Islamic Studies / Ethics	3	0	3
PHARM 410	Pharmaceutics-IIA (Dosage Forms Science)	3	1	4
PHARM 411	Pharmaceutics-IIIA(Pharmaceutical Microbiology & Immunology)	3	1	4
PHARM 412	Pharmacology and Therapeutics-IA	3	1	4
PHARM 413	Pharmacognosy-IA (Basic)	3	1	4
PHARM 414	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3	0	3
Total				22



4th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
PS 403	Pakistan Studies	2	0	2
PHARM 415	Pharmaceutics-II B (Dosage Forms Science)	3	1	4
PHARM 416	Pharmaceutics-III B (Pharmaceutical Microbiology & Immunology)	3	1	4
PHARM 417	Pharmacology and Therapeutics-IB	3	1	4
PHARM 418	Pharmacognosy-IB (Basic)	3	1	4
PHARM 419	Pharmacy Practice – IB (Bio-statistics)	3	0	3
			Total	21
5th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
AR 504	Arabic	3	0	3
PHARM 510	Pharmacy Practice-II A (Dispensing Pharmacy)	3	1	4
PHARM 511	Pharmaceutical Chemistry-III A (Pharmaceutical Analysis)	3	1	4
PHARM 512	Pharmacology and Therapeutics-II A	3	1	4
PHARM 513	Pharmacognosy-II A (Advanced)	3	1	4
PHARM 514	Pathology	3	1	4
			Total	23



6 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
PHARM 515	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	3	0	3
PHARM 516	Pharmaceutical Chemistry-III B (Pharmaceutical Analysis)	3	1	4
PHARM 517	Pharmacology and Therapeutics-IIB	3	1	4
PHARM 518	Pharmacognosy-IIB (Advanced)	3	1	4
PHARM 519	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	3	1	4
Total				19
7 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
PHARM 610	Pharmacy Practice-IVA (Hospital Pharmacy)	3	0	3
PHARM 611	Pharmacy Practice-VA (Clinical Pharmacy-I)	3	1	4
PHARM 612	Pharmaceutics-IVA (Industrial Pharmacy)	3	1	4
PHARM 613	Pharmaceutics-VA (Biopharmaceutics& Pharmacokinetics)	3	1	4
PHARM 614	Pharmaceutics-VIA (Pharmaceutical Quality Management)	3	1	4
Total				19
8 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
PHARM 615	Pharmacy Practice-IVB(Hospital Pharmacy)	3	0	3
PHARM 616	Pharmacy Practice-VB(Clinical Pharmacy-I)	3	1	4
PHARM 617	Pharmaceutics-IVB (Industrial Pharmacy)	3	1	4
PHARM 618	Pharmaceutics-VB (Biopharmaceutics& Pharmacokinetics)	3	1	4
PHARM 619	Pharmaceutics-VIB (Pharmaceutical Quality Management)	3	1	4
Total				19



9 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
PHARM 710	Pharmaceutics-VIIA (Pharmaceutical Technology)	3	1	4
PHARM 711	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	3	1	4
PHARM 712	Pharmacy Practice-VIIA (Forensic Pharmacy)	3	0	3
PHARM 713	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing)	3	0	3
PHARM 714	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	3	1	4
			Total	18
10 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
PHARM 715	Pharmaceutics-VIIB (Pharmaceutical Technology)	3	1	4
PHARM 716	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	3	1	4
PHARM 717	Pharmacy Practice-VIIB (Forensic Pharmacy)	3	0	3
PHARM 718	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing)	3	0	3
PHARM 719	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	3	1	4
			Total	18