

# PROSPECTUS



**FIVEPAK**

INSTITUTE OF HEALTH SCIENCES

## Prospectus

Doctor of Pharmacy (D-Pharm)



Accredited by Pharmacy Council of Pakistan  
Affiliated with University of Poonch, Rawalakot, AJK.



Pharmacy  
Council Of Pakistan

**FivePak**, established in the United Kingdom, aims to improve and uplift the marginalized, underprivileged, and broken segments of society. Our focus is on individuals with strong abilities and skills who lack the resources and opportunities to channel their potential effectively.

**FivePak** plans to initiate sustainable and productive projects, enabling participants to realize their dreams and secure a prosperous future. Our activities extend beyond education to encompass projects in trade and commerce, vocational training, nursing, women's empowerment, gender equality, and more. We prioritize the economic well-being of youth, creating and enhancing opportunities for them. Although **FivePak** is a UK-based community welfare organization founded by Pakistani migrants, our projects are primarily targeted at Pakistan. Our mission is to uplift the youth of Pakistan, particularly in Azad Jammu and Kashmir (AJK), by improving educational environments and providing opportunities to enhance professional credentials in line with international standards, ensuring sustainable economic livelihoods.

**Core Values:**

**Vision:** Transform lives for a better future.

**Mission:** Initiate sustainable, viable, and productive projects and programs enabling communities and youth to secure better placements and economic well-being.

Projects:

**FivePak** is committed to supporting the youth and community in Pakistan through **ventures in:**

- Educational institutions (technical and vocational)
- International job placements
- Women's empowerment (opening nursing schools)
- English language courses (IELTS)
- Career counseling
- Commercial and business ventures

**FivePak** aims to implement these projects in close collaboration with the governments of Pakistan and AJK in its initial phase, with plans to expand to other cities in Pakistan in future. To streamline our connectivity with the community and youth, we have established a dedicated country office in Lahore, Pakistan, ensuring easy access for our stakeholders.

It is a great pleasure and honor to express my gratitude to the founder of **FivePak** for appointing me as the Chairman. His vision to work in Pakistan, particularly for women's empowerment, is truly commendable.

**FivePak**, established in the UK, aims to transform the lives of the people of Pakistan, especially the youth, through sustainable projects. Our flagship initiative in the field of health science is the opening of a Pharmacy College in Mirpur, Azad Jammu Kashmir (AJK). This project is designed to provide the youth with meaningful and productive futures.

The decision to start our projects in Pakistan, particularly in AJK, is driven by a deep commitment to launching community-based initiatives in the country's remote areas. AJK holds a special place in the hearts of the people of Pakistan. Over the years, I have been closely associated with educational projects at the provincial level, focusing on human development, particularly among the youth.



I am delighted to share that **FivePak** is dedicated to bringing positive change to the lives of people, especially the youth, leading them towards a prosperous and honorable future. In the field of health sciences, the role of pharmacists is crucial and in high demand worldwide. **FivePak** is a community-driven organization focused on supporting the youth of Pakistan to generate sustainable economic prosperity.

After conducting detailed surveys and field assessments, we have planned to launch a Pharmacy College in Mirpur, AJK. This initiative will help the youth of this area to showcase their skills and harness their capabilities locally. As someone with close ties to Pakistan and AJK, I feel honored to contribute my resources and efforts towards the betterment of this region.

Looking ahead, we have several economically viable projects in the pipeline and are optimistic about their commencement soon. Graduates of this college will have opportunities to seek employment across Pakistan and Internationally.

**Dr. Shakeel Aslam Baig**

# Message

## Director International Linkages



Dear Prospective Students and Esteemed Readers,

Welcome to the **FivePak** Institute of Health Sciences! It is my honor to introduce you to our emerging institution, a beacon of academic excellence in Mirpur, Azad Kashmir.

As a newly affiliated college, we are thrilled to embark on this journey of advancing health sciences through rigorous education. Our dedicated and diverse faculty members are not only educators but also mentors deeply committed to your personal and professional development.

Being part of a new and dynamic institution offers a unique opportunity to shape the future of health sciences education in our region. I encourage you to embrace the abundant opportunities available to you: engage actively in your studies, participate in collaborative research projects, and immerse yourself in community outreach programs aligned to the **FivePak** vision.

Our mission is to make education accessible, equip you with the knowledge, skills, and ethical foundation necessary to excel as leaders in the health sciences field.

Together, we are building a vibrant and supportive community that strives to make a positive impact on the health and well-being of individuals and communities worldwide. Your journey with us will be one of growth, discovery, and meaningful contribution.

Thank you for considering the **FivePak** Institute of Health Sciences as your academic home. We are excited to witness your achievements and contributions as we grow and thrive together.

Warm regards,



**Faisal Husnain Bokhari**



# Scheme of Studies

## Doctor of Pharmacy (Pharm-D)

**FivePak** Institute of Health Sciences offers a 5-years Doctor of Pharmacy (Pharm-D) duly accredited by Pharmacy Council of Pakistan (PCP) and affiliated with University of Poonch, Rawalakot, AJK.

### 1<sup>st</sup> Professional Pharm. D

1 <sup>st</sup> Semester			2 <sup>nd</sup> Semester		
Course No.	Subject	Cr. Hr.	Course No.	Subject	Cr. Hr.
Pharm-111	English-A (Functional English)	2	Pharm-121	English-B (Communication & Writing Skills)	4
Pharm-112	Pharmaceutics-IA (Physical Pharmacy) [TH]	3	Pharm-122	Pharmaceutics-IB (Physical Pharmacy) [TH]	3
Pharm-113	Pharmaceutics-IA (Physical Pharmacy) [LAB]	1	Pharm-123	Pharmaceutics-IB (Physical Pharmacy) [LAB]	1
Pharm-114	Pharmaceutical Chemistry-IA (Organic) [TH]	3	Pharm-124	Pharmaceutical Chemistry-IB (Organic) [TH]	3
Pharm-115	Pharmaceutical Chemistry-IA (Organic) [LAB]	1	Pharm-125	Pharmaceutical Chemistry-IB (Organic) [LAB]	1
Pharm-116	Pharmaceutical Chemistry-IIA (Biochemistry) [TH]	3	Pharm-126	Pharmaceutical Chemistry-IIB (Biochemistry) [TH]	3
Pharm-117	Pharmaceutical Chemistry-IIA (Biochemistry) [LAB]	1	Pharm-127	Pharmaceutical Chemistry-IIB (Biochemistry) [LAB]	1
Pharm-118	Physiology-A [TH]	3	Pharm-128	Physiology-B [TH]	3
Pharm-119	Physiology-A [LAB]	1	Pharm-129	Physiology-B [LAB]	1
Pharm-1110	Anatomy & Histology [TH]	3			
Pharm-1111	Anatomy & Histology [LAB]	1			
<b>Total Cr. Hr. 22</b>			<b>Total Cr. Hr. 20</b>		

### 2<sup>nd</sup> Professional Pharm. D

3 <sup>rd</sup> Semester			4 <sup>th</sup> Semester		
Course No.	Subject	Cr. Hr.	Course No.	Subject	Cr. Hr.
Pharm-231	Islamic Studies	3	Pharm-241	Pakistan Studies	2
Pharm-232	Pharmaceutics-IIA (Dosage Form Sciences) [TH]	3	Pharm-242	Pharmaceutics-IIB (Dosage Form Sciences) [TH]	3
Pharm-233	Pharmaceutics-IIA (Dosage Form Sciences) [LAB]	1	Pharm-243	Pharmaceutics-IIB (Dosage Form Sciences) [LAB]	1
Pharm-234	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology) [TH]	3	Pharm-244	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology) [TH]	3
Pharm-235	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology) [LAB]	1	Pharm-245	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology) [LAB]	1
Pharm-236	Pharmacology & Therapeutics-IA [TH]	3	Pharm-246	Pharmacology & Therapeutics-IB [TH]	3
Pharm-237	Pharmacology & Therapeutics-IA [LAB]	1	Pharm-247	Pharmacology & Therapeutics-IB [LAB]	1
Pharm-238	Pharmacognosy-IA (Basic) [TH]	3	Pharm-248	Pharmacognosy-IB (Basic) [TH]	3
Pharm-239	Pharmacognosy-IA (Basic) [LAB]	1	Pharm-249	Pharmacognosy-IB (Basic) [LAB]	1
Pharm-2310	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3	Pharm-2410	Pharmacy Practice-IB (Bio-statistics)	3
<b>Total Cr. Hr. 22</b>			<b>Total Cr. Hr. 21</b>		

# Scheme of Studies

## Doctor of Pharmacy (Pharm-D)



### 3<sup>rd</sup> Professional Pharm. D

5 <sup>th</sup> Semester			6 <sup>th</sup> Semester		
Course No.	Subject	Cr. Hr.	Course No.	Subject	Cr. Hr.
Pharm-351	Pharmacy Practice-IIA (Dispensing Pharmacy) [TH]	3	Pharm-361	Pharmacy Practice-IIB (Community Pharmacy) [TH]	3
Pharm-352	Pharmacy Practice-IIA (Dispensing Pharmacy) [LAB]	1	Pharm-362	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis) [TH]	3
Pharm-353	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis) [TH]	3	Pharm-363	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis) [LAB]	1
Pharm-354	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis) [LAB]	1	Pharm-364	Pharmacology & Therapeutics-IIB [TH]	3
Pharm-355	Pharmacology & Therapeutics-IIA [TH]	3	Pharm-365	Pharmacology & Therapeutics-IIB [LAB]	1
Pharm-356	Pharmacology & Therapeutics-IIA [LAB]	1	Pharm-366	Pharmacognosy-IIB (Advance) [TH]	3
Pharm-357	Pharmacognosy-IIA (Advance) [TH]	3	Pharm-367	Pharmacognosy-IIB (Advance) [LAB]	1
Pharm-358	Pharmacognosy-IIA (Advance) [LAB]	1	Pharm-368	Pharmacy Practice-III (Computer and Its Applications in Pharmacy) [TH]	3
Pharm-359	Pathology [TH]	3	Pharm-369	Pharmacy Practice-III (Computer and Its Applications in Pharmacy) [TH]	1
Pharm-3510	Pathology [LAB]	1			
<b>Total Cr. Hr. 20</b>			<b>Total Cr. Hr. 19</b>		

### 4<sup>th</sup> Professional Pharm. D

7 <sup>th</sup> Semester			8 <sup>th</sup> Semester		
Course No.	Subject	Cr. Hr.	Course No.	Subject	Cr. Hr.
Pharm-471	Pharmacy Practice-IVA (Hospital Pharmacy) [TH]	3	Pharm-481	Pharmacy Practice-IVB (Hospital Pharmacy) [TH]	3
Pharm-472	Pharmacy Practice-VA (Clinical Pharmacy) [TH]	3	Pharm-482	Pharmacy Practice-VB (Clinical Pharmacy) [TH]	3
Pharm-473	Pharmacy Practice-VA (Clinical Pharmacy) [LAB]	1	Pharm-483	Pharmacy Practice-VB (Clinical Pharmacy) [LAB]	1
Pharm-474	Pharmaceutics-IVA (Industrial Pharmacy) [TH]	3	Pharm-484	Pharmaceutics-IVB (Industrial Pharmacy) [TH]	3
Pharm-475	Pharmaceutics-IVA (Industrial Pharmacy) [LAB]	1	Pharm-485	Pharmaceutics-IVB (Industrial Pharmacy) [LAB]	1
Pharm-476	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics) [TH]	3	Pharm-486	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics) [TH]	3
Pharm-477	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics) [LAB]	1	Pharm-487	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics) [LAB]	1
Pharm-478	Pharmaceutics-VIA (Pharmaceutical Quality Management) [TH]	3	Pharm-488	Pharmaceutics-VIB (Pharmaceutical Quality Management) [TH]	3
Pharm-479	Pharmaceutics-VIA (Pharmaceutical Quality Management) [LAB]	1	Pharm-489	Pharmaceutics-VIB (Pharmaceutical Quality Management) [LAB]	1
<b>Total Cr. Hr. 19</b>			<b>Total Cr. Hr. 19</b>		



# Scheme of Studies Doctor of Pharmacy (Pharm-D)

## 5<sup>th</sup> Professional Pharm. D

9 <sup>th</sup> Semester			10 <sup>th</sup> Semester		
Course No.	Subject	Cr. Hr.	Course No.	Subject	Cr. Hr.
Pharm-591	Pharmaceutics-VIIA (Pharmaceutical Technology) [TH]	3	Pharm-5101	Pharmaceutics-VIIB (Pharmaceutical Technology) [TH]	3
Pharm-592	Pharmaceutics-VIIA (Pharmaceutical Technology) [LAB]	1	Pharm-5102	Pharmaceutics-VIIB (Pharmaceutical Technology) [LAB]	1
Pharm-593	Pharmacy Practice-VIA (Advanced Clinical Pharmacy) [TH]	3	Pharm-5103	Pharmacy Practice-VIB (Advanced Clinical Pharmacy) [TH]	3
Pharm-594	Pharmacy Practice-VIA (Advanced Clinical Pharmacy) [LAB]	1	Pharm-5104	Pharmacy Practice-VIB (Advanced Clinical Pharmacy) [LAB]	1
Pharm-595	Pharmacy Practice-VIIA (Forensic Pharmacy) [TH]	3	Pharm-5105	Pharmacy Practice-VIIB (Forensic Pharmacy) [TH]	3
Pharm-596	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing) [TH]	3	Pharm-5106	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing) [TH]	3
Pharm-597	Pharmaceutical Chemistry-IVA (Medicinal Chemistry) [TH]	3	Pharm-5107	Pharmaceutical Chemistry-IVB (Medicinal Chemistry) [TH]	3
Pharm-598	Pharmaceutical Chemistry-IVA (Medicinal Chemistry) [LAB]	1	Pharm-5108	Pharmaceutical Chemistry-IVB (Medicinal Chemistry) [LAB]	1
<b>Total Cr. Hr.18</b>			<b>Total Cr. Hr. 18</b>		

## Pharm. D Five-Year Credit Hours Summary

Pharm. D	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	Total
Professional	Cr. Hr.	Cr. Hr.	Cr. Hr.
1 <sup>st</sup>	22	20	42
2 <sup>nd</sup>	22	21	43
3 <sup>rd</sup>	20	19	39
4 <sup>th</sup>	19	19	38
5 <sup>th</sup> (Final)	18	18	36
<b>Total (Credit Hours)</b>	<b>101</b>	<b>97</b>	<b>198</b>

### NOTE:

- One credit hour of practical means that there will be one practical class in a week that will be equal to 3 credit hours and one practical class will not be less than 3 hours.
- External Evaluation of Practical examination will be conducted at the end of each semester.

### ELIGIBILITY

- Min. 60% Marks, FSc. Pre-Medical

## National and International Linkages

National and international linkages are vital for the success of the **FivePak** Institute of Health Sciences in its future development and supporting our graduates. These linkages bring multiple benefits that enhance the quality of education, provide better opportunities for graduates, and contribute to the overall development of the healthcare sector.

National Linkages:

- Collaboration with Local Healthcare Identities
- Government Support
- Community Engagement
- Employment Opportunities

International Linkages

- Access to Global Expertise
- Higher Education Opportunities
- Employment Abroad
- Cultural Exchange exposures
- Global Standards

By leveraging both national and international linkages, the **FivePak** Institute of Health Sciences aims to create a robust educational framework and enhanced career progression pathway that not only produce highly qualified pharmacists but also contribute to the improvement of healthcare services locally and globally.

## Women Empowerment, AJK

**FivePak** is committed to the upliftment and betterment of the community in a disciplined and organized manner. Recognizing that approximately half of Pakistan's population comprises women, **FivePak** places special emphasis on their care and empowerment. All **FivePak** projects are designed to dignify and empower women, allocating appropriate resources and funds to support their development.

Women empowerment is a central focus for **FivePak**, ensuring that every woman receives full support and opportunities to excel in her chosen field. **FivePak** acknowledges that a literate and qualified woman is a national asset, crucial for the character building of future generations. Therefore, it is imperative to extend all possible support to empower women to realize their potential.

Azad Jammu and Kashmir (AJK) holds significant importance within Pakistan and **FivePak** is committed to initiate viable projects enabling women in this region to maximize their abilities and skills. **FivePak** plans to support women in continuing their vocational studies and securing better employment opportunities, both within Pakistan and internationally. Supporting women, particularly in AJK, is a cornerstone of all **FivePak** policies and programs.

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