Sarhad University
of Science & Information Technology
Peshawar

SARHAD UNIVERSITY
SUIT

STEP INTO
BRIGHT FUTURE ▶

UNDERGRADUATE
PROSPECTUS
2425

Message from the
Governor, Khyber Pakhtunkhwa

Higher Education; a demanding but a highly rewarding field of education system, plays a pivotal role in fulfilling the quest for bringing pleasant change in the socio-economic fabric of the society and ensures better future both for the country and the people. In the given circumstances, achieving this cherished goal indeed demands constant efforts, sustained determination and resources on part of individuals, institutions and the society alike. In line with the desired targets one can witness an encouraging environment, enthusiastic approach, high spirit and a confident struggle at every level in the province.

It is indeed a pleasure to note that the Sarhad University of Science & Information Technology, Peshawar is engaged as an active partner along its sister institutions, working both in the public and private sectors in the ongoing struggle to achieve the target set forth for the cause of education. The initiative to introduce demand driven, result oriented and contemporary disciplines, besides continuing research and educational activities in the existing institutions and infrastructure development for further expansion of the campus provides a heartening and convincing reason to judge the pace, with which it is progressing, is impressive.

While writing these lines for the Prospectus 2024-25 of the University, I also take the advantage to congratulate the management, faculty and students especially the new entrants for successfully stepping into their new pursuits and wish more success to all of them.
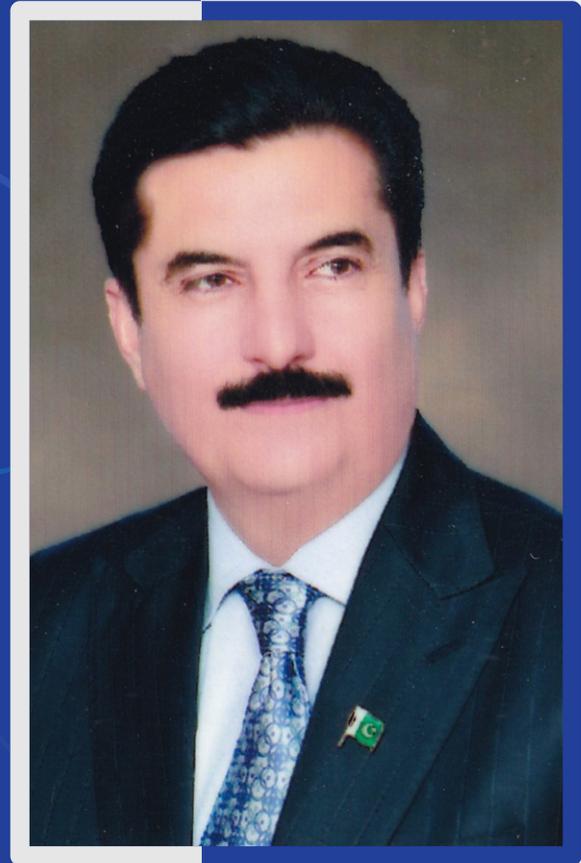
Faisal Karim Kundi

Message from the
President, Sarhad University

It is a matter of immense pleasure for me to record my message for prospectus 2024-25.

It is a unique imagination and a marvelous experience that a journey I started in the year 2001, is now unfolding its colors in many ways. The launching of Sarhad University with a humble start of programs in Computer Science, IT and Management Sciences from ab-initio was a gigantic task which I could not have accomplished alone. It was my team which worked with unmatchable hard work and dedication as the resources were meager and the resolve to reach the students was unflinching.

It had been my life-long desire to reach and serve people from an area that direly needed my services and contributions in the higher education sector. The Khyber Pakhtunkhwa province suited my objective more than any other neglected areas of Pakistan due to its close proximity to my base-station and the energetic segment of students of the Province, who otherwise have all the potentials to be in the driving seat. I chose education as my preferred objective and the young generation as my prime target as no society in the civilized world could ever progress without educating upcoming generations.

Dear students, Sarhad University with state-of-the-art buildings housing spacious classrooms, scientific and research laboratories, a huge library with latest books, Seminar Hall, dedicated parking space along with sports facilities is now fully functional to offer academic programs in various disciplines. In the wake of latest developments we have put in place a robust security system backed by CCTV cameras with recording facilities through DVR system, walk through gates and metal detectors to maintain a secured environment at the premises. The testimony to our success can be judged from out-flow of our graduates who are currently serving in almost all the public departments at provincial and national level. Beside those many pursuing their higher studies at various International Universities. I would also like to extend my thanks to the students who opt to join Sarhad University to be in our fold for the coming 4-5 years with a pledge to work for their better education and settlement in their assignments.

M. Riaz Karim

Message from the
Vice President, Sarhad University
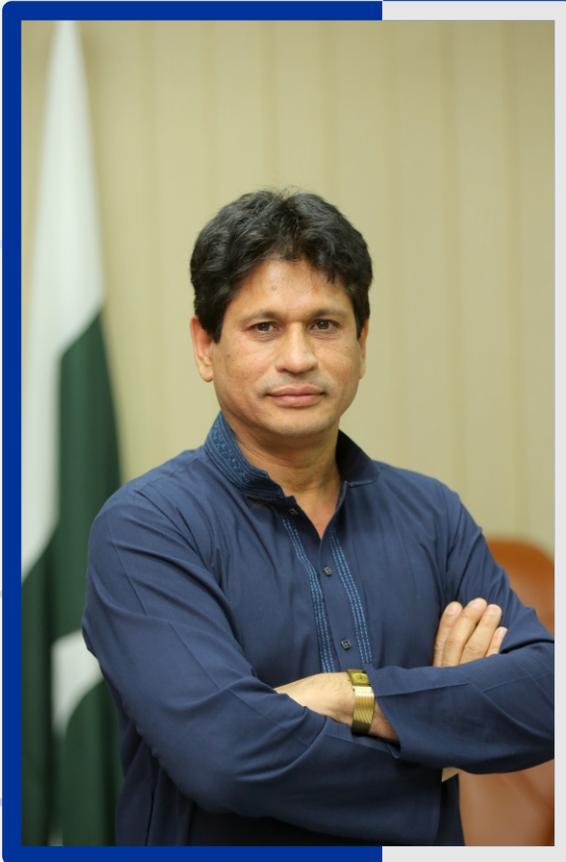
I am happy to convey my message about Sarhad University which was established in the year 2001, with the sole objective of providing quality education at higher level according to the expectations of our youth. I would like to apprise you that today; our university is placed in highest category of HEC. We have worked round the clock over the last 23 years to achieve this level of excellence and proved ourselves in accordance with the expectations of all stakeholders. The University as of today is home to more than 6000 students in contemporary disciplines including Pharmacy, Nursing, Allied Health Sciences, Computer Sciences, Software Engineering, Management Sciences, Engineering, Art & Design, Humanities and Social Sciences. These programs are being supervised by more than 100 PhD, around 150 M.Phil/MS and MSc degree holders, having vast teaching and administrative experience.

Our teaching Departments are associated with the modern labs equipped with latest and up todate equipment required for the practical work of the students to gain hands on experience.

The Department of Pharmacy, Nursing and Allied Health Sciences are also linked with the major hospitals of Peshawar City for clinical rotation of the students to directly deal with the patients of their particular specialties.

SUIT believes in imparting quality education and for this purpose, we have established a full-fledged Quality Enhancement Cell to fine tune our programs with regular intervals. Our Quality Enhancement Cell is fully functional to supervise the quality of programs according to HEC's laid down criteria and there is a continuous progress in our academic programs to achieve this very goal.

It will be in place to write that Office of Research, Innovation and Commercialization (ORIC) has also been established. More so, bringing the university under one umbrella has provided us the opportunity to focus on research activities for which faculty members and students are provided with financial and material assistance. Seminars, Workshops, Curricular & Co-curricular activities are held regularly to groom our students. I assure all students of my fullest support to educate them in the best possible manner so that they could prove their metal in their respective fields after graduation from Sarhad University.

Azmat Ali

Message from the
Vice Chancellor, Sarhad University

It is a privilege for me to be associated with such a progressive and rapidly developing University. During the last 22 years, Sarhad University has made landmark achievements in many areas. The Faculty size has increased manifold due to induction of a number of PhD and M.Phil Degree holders in the field of Engineering, Pharmacy, Nursing, Management Sciences, Computer Science, Arts, Education and certain health-related disciplines. Our focus on quality education has enabled the students to acquire relevant knowledge and to become true professionals. Academic activities like conferences, workshops, and seminars have not only created an environment conducive for research, but have also added to the experience of our faculty and students. Our graduates, equipped with the right blend of knowledge and skills are prepared to carve their niche in the corporate world and to play their due role in socio-economic development of the country. I attribute our success in all these areas to the faculty, management and students whose devotion, hard work, sincerity, and determination have earned us high reputation and due recognition.

Selecting a particular degree program for stepping into professional life is one of the most crucial decisions. Equally difficult is the choice of an institution of higher learning to pursue the selected degree program. For those who have reached this decision making stage, Sarhad University offers diverse fields at its Main Campus in Peshawar, sub campuses and the opportunity to learn online / distance education. May Allah Almighty bless our youth and guide them in making right decisions, and enable the University management to give its best to the students.
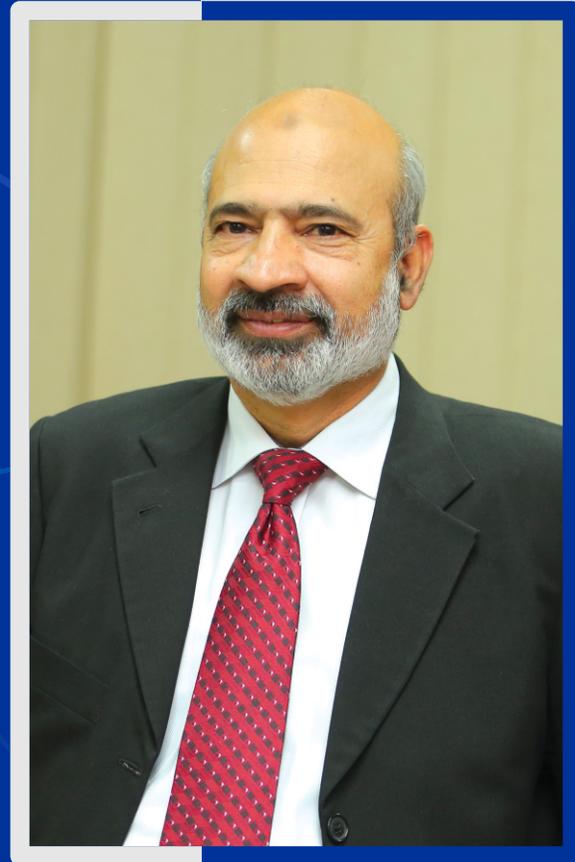
Prof. Dr. Salim ur Rehman

Vision
To achieve excellence in teaching & research in all academic fields.

Mission
To provide educational facilities of international standards to the youth and to produce graduates & researchers at National and Global levels.

SUIT's ORGANIZATIONAL STRUCTURE

Vice Chancellor

Controller of Examinations	Registrar
Controller of Finance	Director, Quality Enhancement Cell
Director, Admissions	Director, Islamabad Campus
Director, ORIC	DG, Distance Learning Management
Director, CDC	Director, Sports
Director, ICT	Director, Planning, Development & Operations
Director, Finance, Procurement & Marketing	

Dean Faculty of Engineering & Technology	Dean Faculty of Life Sciences	Dean Faculty of Sciences, Computer Science & IT	Dean Faculty of Management Sciences	Dean Faculty of Arts, Social Sciences & Education
Concerned HOD's/Director	Concerned HOD's/Director	Concerned HOD's	Concerned HOD's	Concerned HOD's

Board Of Governors

The Board of Governors of Sarhad University is the highest executive authority of the University. It comprises personalities of high standing in academic and professions both from the public and private sectors of higher education. Th board has all the powers necessary to formulate Statutes, Regulations and Policies aimed at ensuring high academic standards in respect of all academic programs run by the University at Bachelor, Master and Doctoral levels. The Board also enjoys powers to frame laws and policies aimed at recruiting persons of eminence in academics for senior slots in the academic hierarchy who are able to give their best to the students, who will serve the country and the community appropriately for socio-economic development. The basic criteria for selection of teachers and administrators laid down in the University Charter are competence, integrity and efficiency, which is adhered to in letter and spirit.

Academic Council

The Academic Council of the University, constituted in accordance with provisions of the University Charter, is the highest academic forum of the University with powers to lay down proper standards of instruction, research, publication, examinations, and to regulate and promote the academic life at the University.

Prof. Dr. Salim-ur-Rehman, Vice-Chancellor (Chairman)	**Prof. Dr. Sudhair Abbas**, Head, Department of Pharmacy.	**Head**, Department of Art & Design.
Prof. Dr. Abdul Waheed Mughal, Dean, Faculty of Arts, Social Sciences & Education.	**Prof. Dr. Wali Rehman**, Head, Dept. of Business Administration.	**Head**, Department of Sports Sciences & Physical Education.
Meritorious Prof. Dr. Zafar Iqbal (T.I), Dean, Faculty of Life Sciences, SUIT.	**Prof. Dr. Saadullah Afridi**, Director, Sarhad Institute of Health Sciences.	**Engr. Fazal Khaliq**, Professor, Department of Civil Engineering.
Prof. Dr. Saeed Mahfooz, Dean, Faculty of Sciences, CS/IT and Faculty of Management Sciences.	**Dr. Fazal Mehmood**, Director, Sarhad Institute of Allied Health Sciences.	**Engr. Dr. Muhammad Rizwan**, Associate Professor, Department of Civil Engineering.
Dean, Faculty of Engineering & Technology	**Ms. Shaheen Ghani**, Director, Institute of Nursing Sciences.	**Dr. Azhar Ali**, Associate Professor, Department of Electrical Engineering.
Engr. Prof. Dr. Arshad Ali, Head, Dept. of Civil Engineering.	**Dr. Jahangir Khan**, Head, Department of Computer Science & IT.	**Mr. Mumtaz Khan,** Associate Professor, Department of Electrical Engineering.
Engr. Dr. Muhammad Sohail Gohar, Head, Dept. of Mechanical Engineering.	**Dr. Ghuncha Begum**, Head, Department of Urdu.	**Engr. Abdul Hadi**, Associate Professor, Department of Mechanical Engineering.
Engr. Dr. Abid Saeed, Head, Dept. of Electrical Engineering.	**Dr. Khisro Kaleem Raza**, Head, Department of Education.	**Dr. S. M. Hassan Shah**, Professor, Department of Pharmacy.
Engr. Muhammad Faisal Khan, Director, Department of Technologies.	**Syed Arif Ali Shah**, Head, Department of Library & Information Sciences.	**Dr. Obaid-ur-Rehman**, Professor, Department of Electrical Engineering.

Dr. Wasal Khan, Professor, Department of Education.	**Dr. Shahid Mehmood**, Associate Professor, Sarhad Institute of Allied Health Sciences.	**Engr. Fayaz Ahmad**, Assistant Professor, Department of Technologies.
Dr. Naila Raziq, Associate Professor, Department of Pharmacy.	**Dr. Nizam Muhammad Darwesh**, Associate Professor, Sarhad Institute of Health Sciences.	**GC (Rtd) Muhammad Sadiq Malik**, Coordinator, Department of English
Dr. Asif Khan, Associate Professor, Department of Pharmacy.	**Dr. Shahid Latif**, Associate Professor, Department of Computer Science & IT.	**Dr. Rabia Naeem**, Lecturer, Sarhad Institute of Allied Health Sciences
Dr. Muhammad Ashfaq, Associate Professor, Department of Pharmacy.	**Dr. Haroon-ur-Rasheed**, Associate Professor, Department of Computer Science & IT	**Prof. Dr. Iftikhar Hussain**, Former Vice Chancellor, Khyber Pakhtunkhwa UET, Peshawar.
Dr. M. Kifayatullah, Associate Professor, Department of Pharmacy.	**Dr. Muhammad Imtiaz**, Professor, Department of Urdu.	**Dr. Muhammad Farooq, Professor**, Shaikh Zayed Islamic Center, University of Peshawar.
Prof. Nasreen Ghani, Institute of Nursing Sciences.	**Dr. Syed Gohar Abbas**, Professor, Department of Business Administration.	**Dr. Ejaz Gul Ghauri**, Ex-Principal Scientific Officer, PCSIR Labs; Peshawar.
Dr. Nasir Ali, Associate Professor, Sarhad Institute of Allied Health Sciences.	**Dr. Rabia Ishrat**, Associate Professor, Department of Business Administration.	**Prof. Dr. Asif Khan**, Former Vice Chancellor, University of Peshawar
Dr. Shabir Ahmad, Associate Professor, Sarhad Institute of Allied Health Sciences.	**Prof. Dr. Iftikhar Ahmad Khan,** Director QEC, Sarhad University, Peshawar.	**Prof. Dr. Jamshaid Ali Khan**, Department of Pharmacy, University of Peshawar.
Dr. Aamir Aziz, Associate Professor, Sarhad Institute of Allied Health Sciences.	**Director, ORIC.**	**Advisor (Academics) HEC; or his Nominee.**
Dr. Muhammad Ateeq, Associate Professor, Sarhad Institute of Allied Health Sciences.	**Secretary**, Higher Education Dept, Govt. of Khyber Pakhtunkhwa, Peshawar / or his nominee.	**Mr. Muhammad Nasir**, Registrar / Secretary.
	Engr. Adil Shahzad, Assistant Professor, Department of Civil Engineering.	

ENGINEERING
Electrical, Civil and Mechanical Engineering Programs
are accredited by the Pakistan Engineering Council, Islamabad.

PHARMACY
Pharm-D (Doctor of Pharmacy) Program
is recognized by the Pharmacy Council of Pakistan, Islamabad.

ALLIED HEALTH SCIENCES
Allied Health Sciences Programs
are allowed by the Higher Education Commission, Islamabad.

ENGINEERING TECHNOLOGY
Engineering Technology Programs
are accredited by the National Technology Council, Islamabad.

COMPUTER SCIENCE & IT
Computer Science Programs are accredited by the
National Computing Education Accreditation Council, Islamabad

BUSINESS ADMINISTRATION
Business Administration Program is accredited by the
National Business Education Accreditation Council Islamabad.

EDUCATION
Education Programs are accredited by the National
Accreditation Council for Teachers Education, Islamabad

NURSING
Nursing Program is accredited by the
Pakistan Nursing & Midwifery, Islamabad

Number of Graduates Convocation-Wise
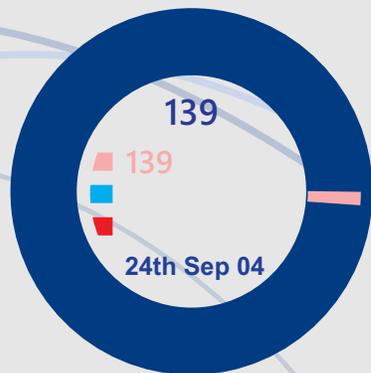
1st Convocation
139
■ 139
■
■
24th Sep 04
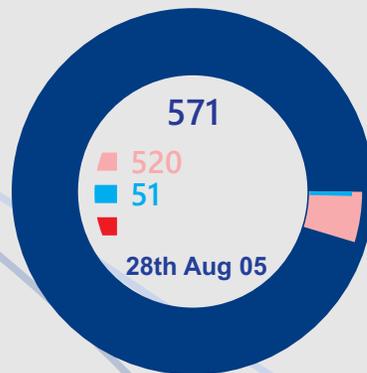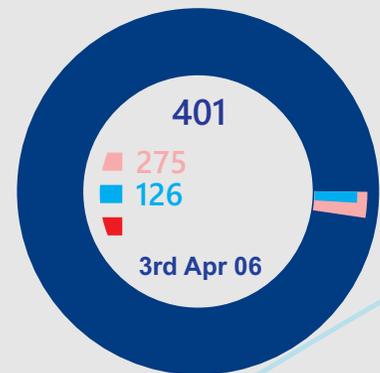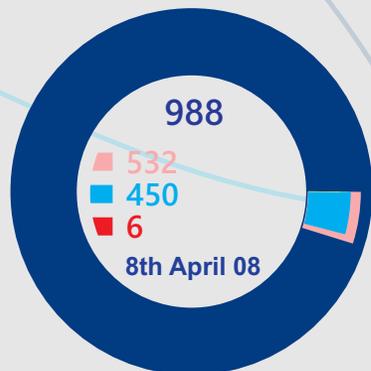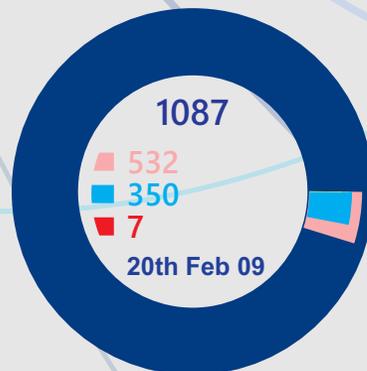
2nd Convocation
571
■ 520
■ 51
■
28th Aug 05

3rd Convocation
401
■ 275
■ 126
■
3rd Apr 06

4th Convocation
988
■ 532
■ 450
■ 6
8th April 08

5th Convocation
1087
■ 532
■ 350
■ 7
20th Feb 09

6th Convocation
917
■ 560
■ 350
■ 7
10th Apr 10

7th Convocation
385
■ 177
■ 200
■ 8
10th Sep 11
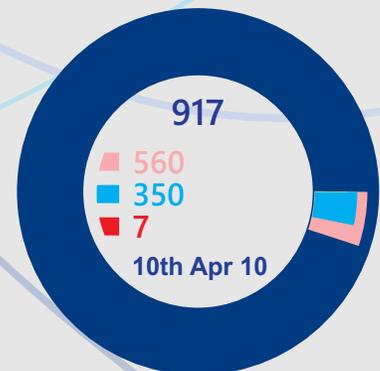
8th Convocation
1205
■ 700
■ 51
■ 5
23rd May 12
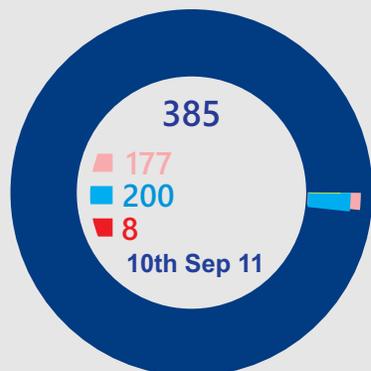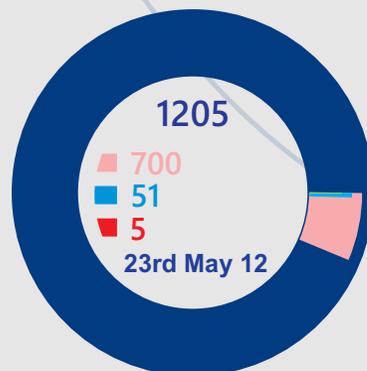
9th Convocation
975
■ 493
■ 461
■ 3
20th Jan 13
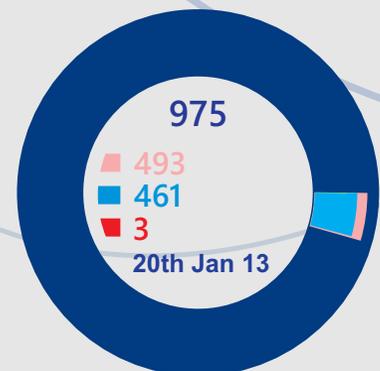
Convocation Wise Graduates
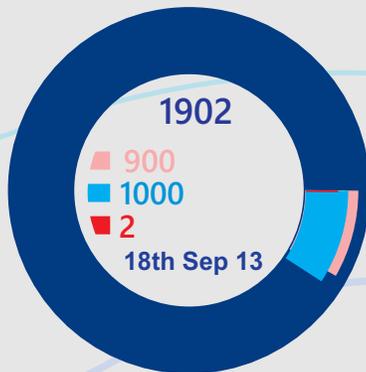
10th Convocation
1902
- 900 BACHELOR
- 1000 MASTERS
- 2 Ph.D/ MS/ M.Phil
18th Sep 13
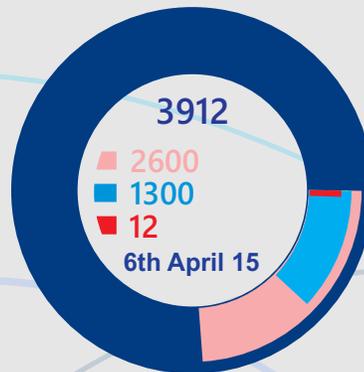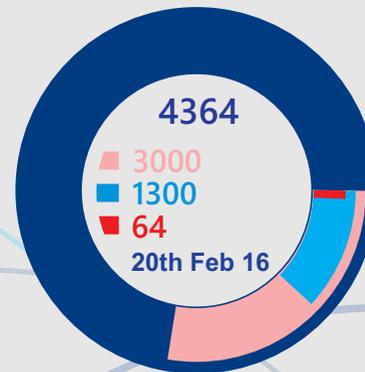
11th Convocation
3912
- 2600
- 1300
- 12
6th April 15

12th Convocation
4364
- 3000
- 1300
- 64
20th Feb 16

13th Convocation
4896
- 2547
- 2203
- 146
13th Feb 18

14th Convocation
19063
- 8842
- 9638
- 583
27th Feb 22

15th Convocation
2637
- 2570
- 62
- 5
18th Oct 22

16th Convocation
7292
- 4748
- 2300
- 244
11th Dec 23

BACHELOR
MASTERS
Ph.D/ MS/ M.Phil
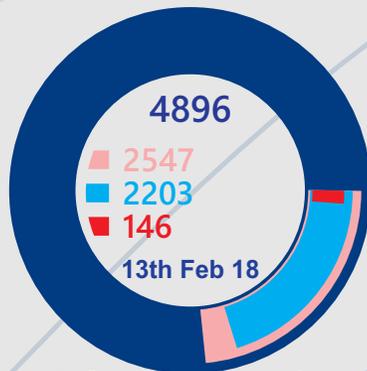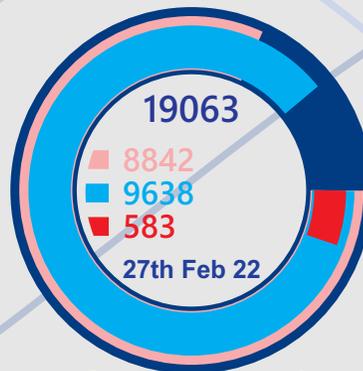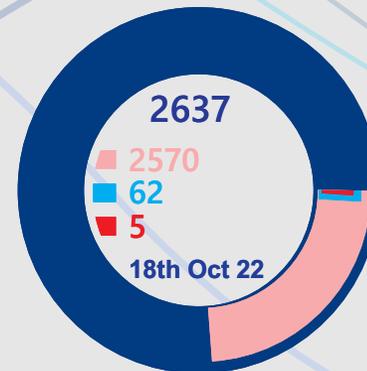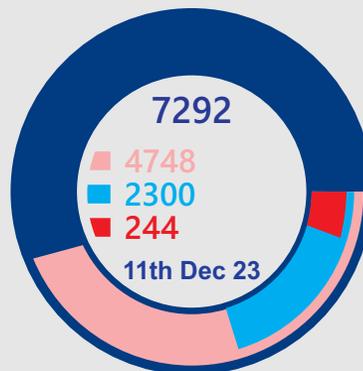
Student Strength at the Main Campus
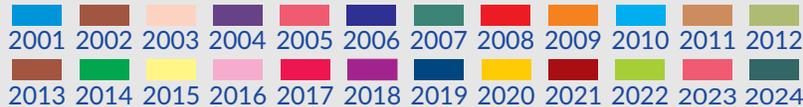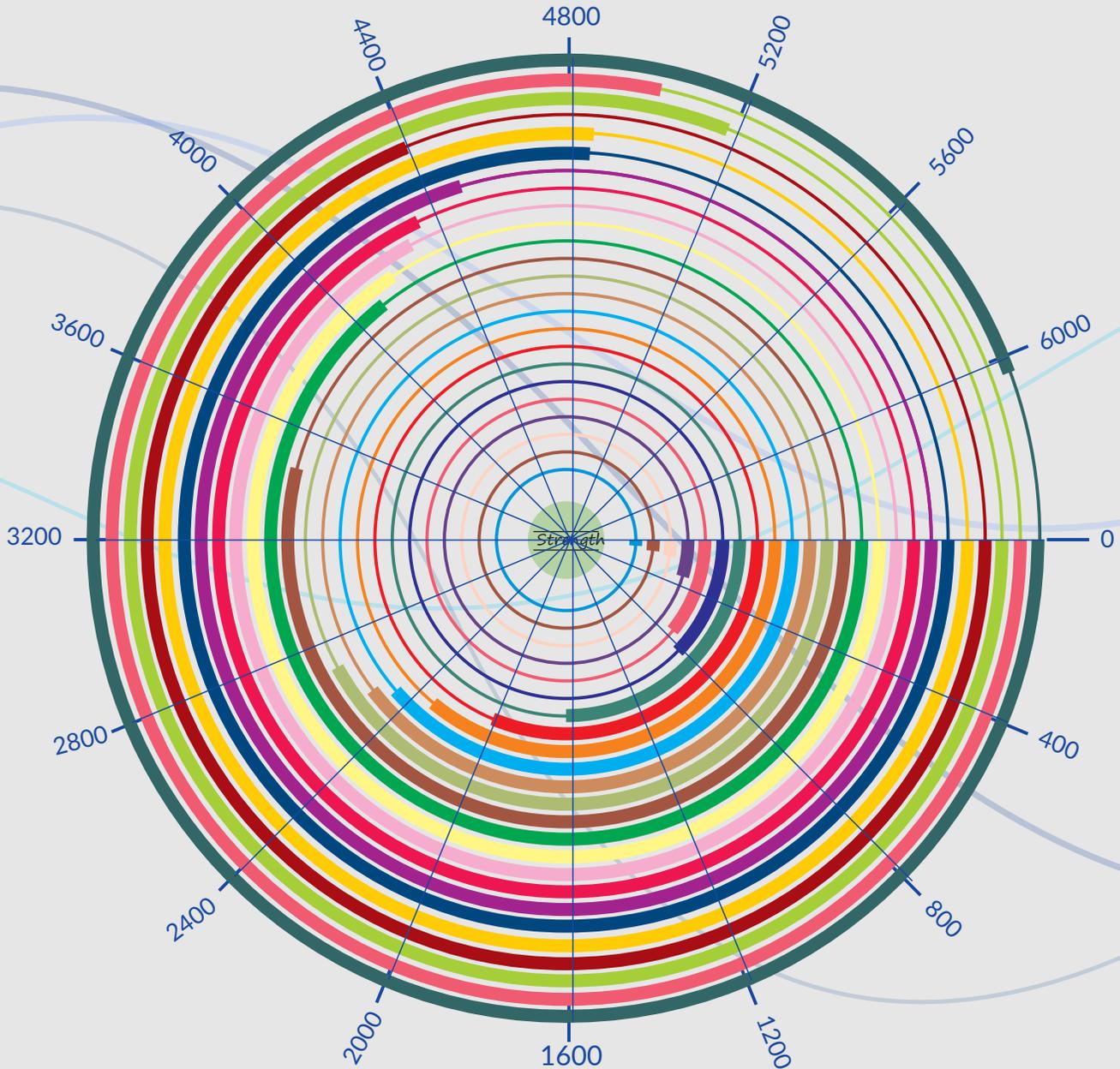
Student Strength in the Distance Education
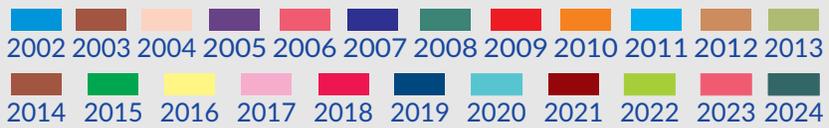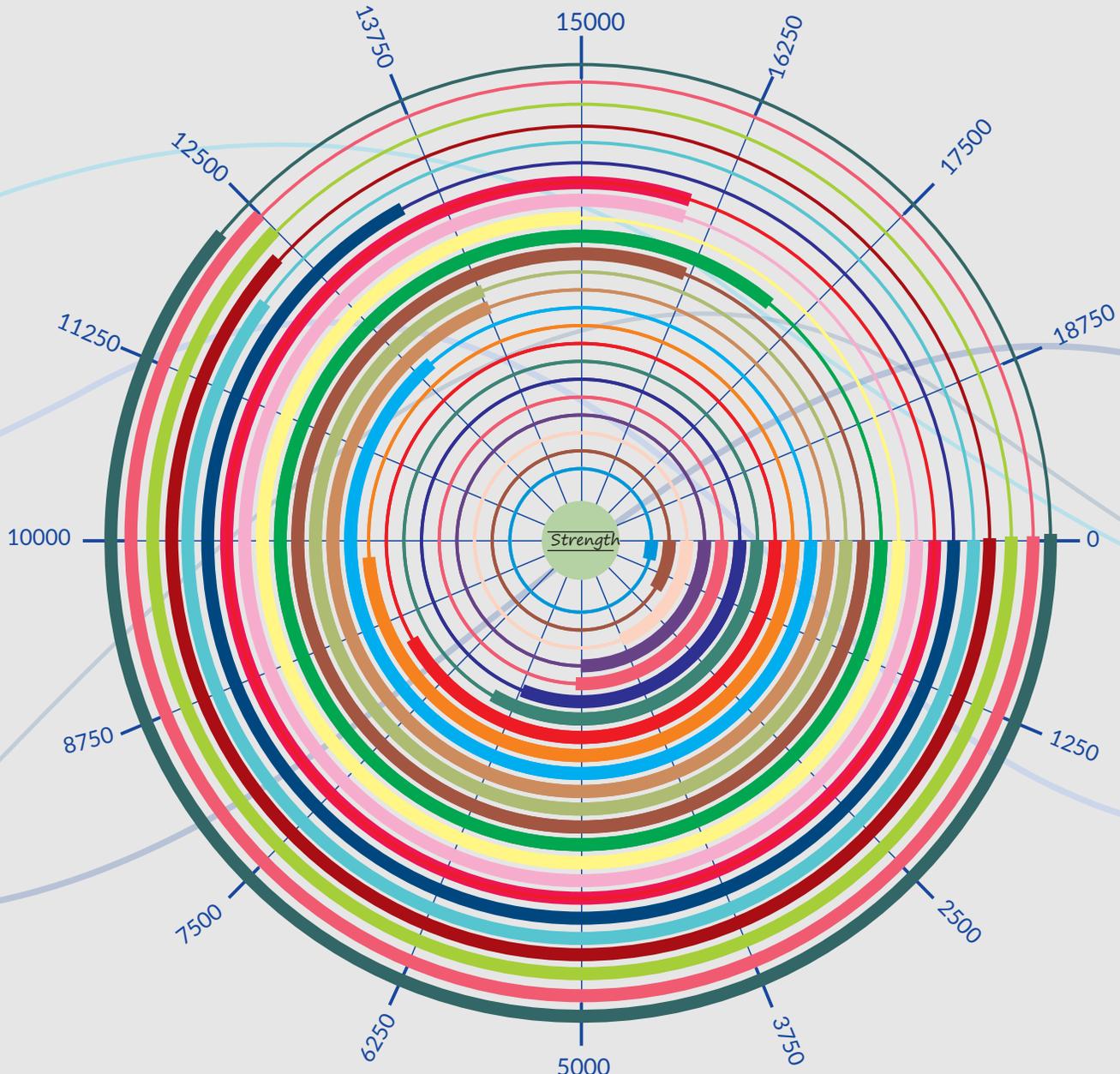
GROWTH IN FACULTY AT SARHAD UNIVERSITY

Legend: PhD · MS/MPhil/MSc · TOTAL FACULTY
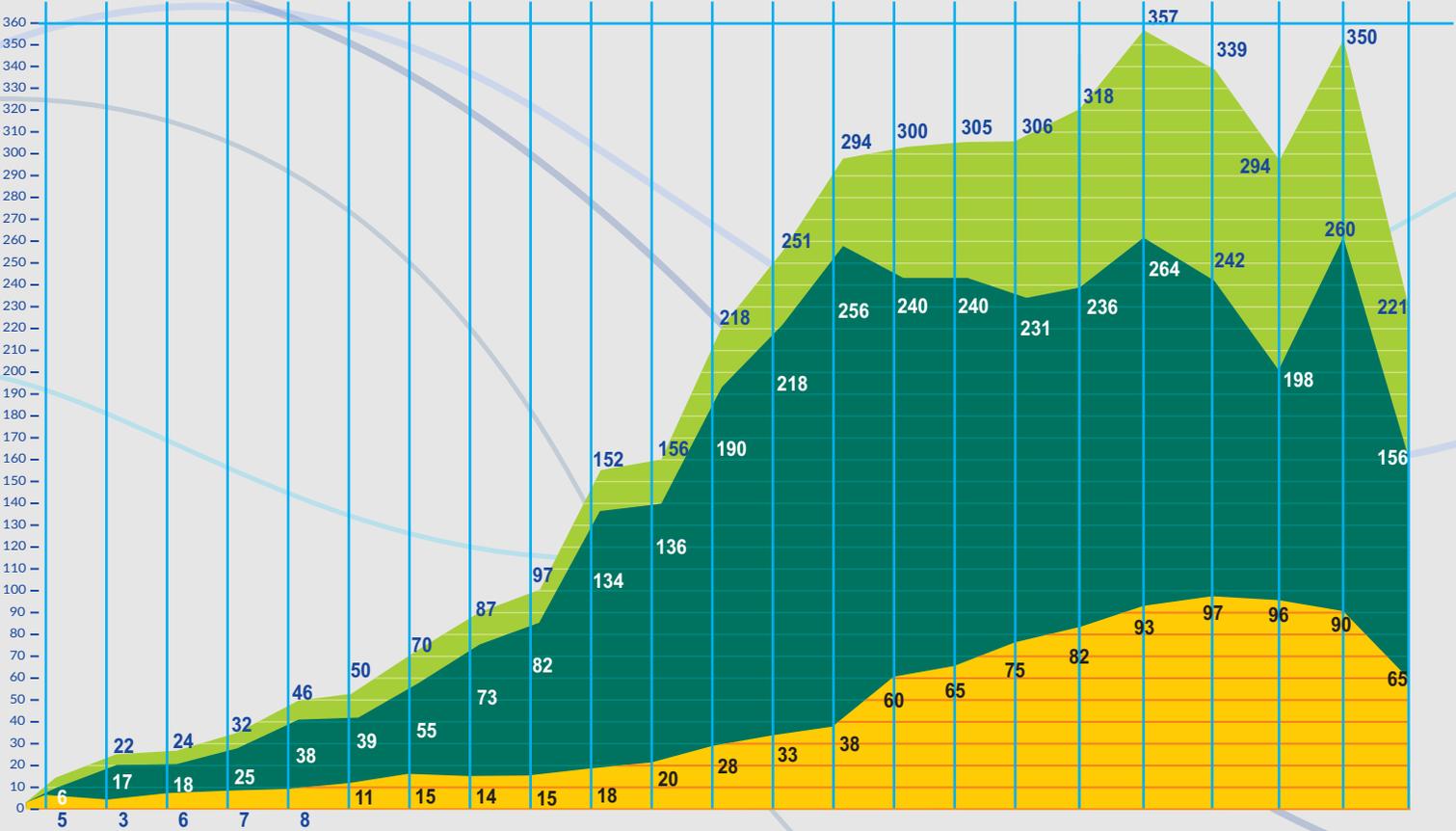
Years: 2001, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 2024

TOTAL FACULTY: 294, 300, 305, 306, 318, 357, 339, 294, 350

MS/MPhil/MSc values: 22, 24, 32, 46, 50, 70, 87, 97, 152, 156, 218, 251, 256, 240, 240, 231, 236, 264, 242, 294, 198, 260, 221, 156, 136, 134, 190, 218

PhD values: 5, 3, 6, 7, 8, 11, 15, 14, 15, 18, 20, 28, 33, 38, 60, 65, 75, 82, 93, 97, 96, 90, 65

Additional MS values: 17, 18, 25, 38, 39, 55, 73, 82

Launching of SUIT Islamabad Campus

Message from the President, SUIT

It is a matter of immense pleasure to share that in line with our vision, Sarhad University of Science & Information Technology, Peshawar is expanding its operations by establishing Islamabad Campus. It is my firm belief that due to its strong academic base, the city of Islamabad has a great potential for higher education. The youth of Islamabad has an immense desire to improve their qualification through Higher Education Institutions of repute. To this end, SUIT Islamabad Campus aims to prepare them to earn their livelihood with honour and dignity as well as to extend a helping hand to their parents, and siblings to lead respectable lives.

For a student, selecting a particular degree program for stepping into professional life is one of the most crucial decisions. Equally difficult is the choice of an institution of higher learning to pursue the selected degree program. For those who have reached this decision making stage, Sarhad University offers diverse fields of education at its Islamabad Campus. Additionally, Islamabad Campus of Sarhad University with state of the art buildings housing spacious classrooms, scientific and research laboratories, a huge library with latest books, Seminar Hall, dedicated parking space along with sports facilities is to cater for the academic needs of the youth of Islamabad regions.

During the last two decades, Sarhad University has acclaimed a reputable name in the educational circles of Pakistan and abroad. I am happy that a University having Charter from a comparatively less developed province of Pakistan, i.e. Khyber Pakhtunkhwa has achieved so many laurels to claim excellent academic standing among its counterparts.

I am confident that the management and faculty of the Islamabad Campus will work with sincerity, dedication, zeal and zest and produce graduates who will take upon themselves to take the country out of the crises that we face today.

Muhammad Riaz Karim

Message from the Vice Chancellor

I am pleased to record my message on the establishment of Islamabad Campus of Sarhad University of Science & Information Technology, Peshawar and offering admissions therein from Fall-2024 Session in different programs. I must say that Sarhad University has an outstanding national & international reputation, imparting quality education to a larger number of students in various fields of learning, earning HEC's highest rating of excellence for Engineering, Pharmacy, Allied Health Sciences, Nursing, Computing, Management and Social Sciences through its academic excellence. Establishment of Islamabad Campus with the approval of Higher Education Commission of Pakistan, is a landmark initiative which will not only cater for the educational needs of the youth of Islamabad Capital Territory but also for the majority of the adjoining areas. Since its inception in 2001, the University has passed through numerous ups and downs, but with the grace of Almighty ALLAH and the untiring efforts of the management and faculty, we successfully overcame the obstacles and hurdles in our way and kept the University on the path of progress and development. Today our graduates are effectively serving various Multi-National Companies and Organizations at Provincial and National levels in different capacities, whereas many joined foreign universities for higher studies. The University has always strived to provide relevant and purposeful education aimed at preparing its students to confront challenges in this competitive world. Sarhad University is not just addressing the issues of professional environment such as purpose-built campus, air-conditioned classrooms, and well equipped laboratories but, more importantly, it is concentrating on the most critical issues like faculty development, curricula tailored to latest innovations and present-day demands, quality enhancement, effective teaching & evaluation, community engagement and character building. I assure that the Islamabad Campus of Sarhad University will try its level best to disseminate quality education at the doorsteps of the prospective students of ICT and the adjoining areas. In the years to come, I foresee Sarhad University among the top ranking Universities of Pakistan and wish a glaring future to it.
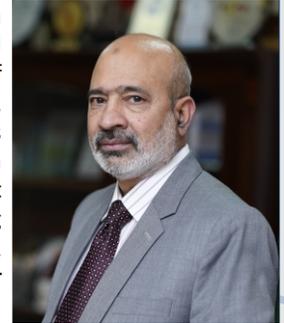
Prof. Dr. Salim-ur-Rehman

Sarhad University of Science & IT,
Islamabad Campus

The University achieved yet another milestone by establishing the Islamabad Campus with the approval of HEC, Islamabad granted vide letter No. 15(16)/A&A/Acc/HEC-2023/553, dated 28th August, 2023.

The Islamabad Campus, located at a posh area of Rawat, Islamabad is about to start its academic journey from Fall-2024 Session.

Sarhad University of Science & IT, T-Chowk, GT Road, Rawat, Islamabad, Islamabad Capital Territory 44000

Tel: 051-3757628, 051-3757692, 051-3757695, 03288880918-9   Cell: 0328-8880916-7

Programs offered at SUIT Islamabad Campus

Department of Pharmacy

▶ Doctor of Pharmacy (Pharm-D)   (5 years)
   Number of Seats: Morning: 100
                          Evening: 100

> **Pharm-D Program is recognized by the Pharmacy Council of Pakistan.**

Department of Allied Health Sciences

▶ Doctor of Physiotherapy (DPT)   (5 years)
▶ BS Anesthesia Technology   (4 years)
▶ BS Cardiology Technology   (4 years)
▶ BS Dental Technology   (4 years)
▶ BS Health Technology   (4 years)
▶ BS Medical lab Technology   (4 years)
▶ BS Nutrition & Dietetics   (4 years)
▶ BS Radiology & Imaging Technology   (4 years)
▶ BS Surgical Technology   (4 years)
▶ BS Optometry Technology   (4 years)
▶ BS Cardiac Perfusion Technology   (4 years)
▶ BS Emergency & Intensive Care   (4 years)
   Technology

> **Allied Health Sciences Programs are allowed by the HEC / Allied Health Professionals Council, Islamabad**

Department of Nursing Sciences

▶ BS Nursing   (4 years)

> **Recognition of Nursing Program by the Pakistan Nursing & Midwifery Council is under process.**

Department of Computer Science & It

▶ BS Computer Science   (4 years)
▶ BS Software Engineering   (4 years)
▶ BS Artificial Intelligence   (4 years)

> **Accreditation of the Computer Science & IT Programs by the NCEAC is under process.**

Department Of Humanities

▶ BS English Language & Literature   (4 years)

DEPARTMENTS
- Pharmacy
- Nursing
- Allied Health Sciences

FACULTY OF LIFE SCIENCES

Department of Pharmacy

The Department of Pharmacy, Faculty of Life Sciences, Sarhad University acknowledges pharmaceutical care as an evolving mode of pharmacy practice in which the pharmacist in consultation with other health professionals, takes an active role on behalf of patients in making appropriate drug choices, by effecting distribution of medications to patients, and by assuming direct responsibilities to empower patients to achieve the desired outcomes of drugs and related therapy.

Pharm-D program of the Department provides educational preparedness, so as to enable a student to collaborate with other health professionals and to share responsibility for outcomes of drug and related therapy. Pharm-D program promotes the knowledge, skills, abilities, attitudes and values necessary for the provision of pharmaceutical care for general practice of pharmacy in any setting. The Department of Pharmacy also assures an understanding of pharmaceutical care by its students early in the professional program in pharmacy. The philosophy of practice as well as the necessary professional attitudes, ethics, and behaviors are evolved during the course of study. Moreover, Pharm-D program ensures the provision of a positive outlook for all aspects of pharmacy practice. In long and short, the Pharm-D program is based upon scope, depth and proficiency of knowledge, skills, and judgment acquired. The curriculum of Pharm-D adopted by our Department is in-line with the curriculum proposed by Pharmacy Council of Pakistan and approved by HEC, which provides the students with enhanced core of professional knowledge and skills through enrichment of the Biomedical Sciences, Pharmaceutical Sciences, Physical Sciences, and Clinical Sciences through practice and experience. The curriculum prepares students to be practitioners with maturity in clinical, hospital, community, and industrial practice of pharmacy.

Vision

To impart Research-oriented Pharmacy Education in the country with visionary abilities.

Mission

The mission of the Department is to prepare Pharmacy graduates whose scientific knowledge and skills enable them to work with the pace to ensure the quality in the design, manufacture, distribution, safe and effective use of pharmaceuticals in the society and clinical setting.

Number of seats:

Morning Shift: 100
Evening Shift: 100

Program Offered: Pharm-D (Doctor of Pharmacy)

Faculty Members, Department of Pharmacy

Meritorious Prof. Dr. Zafar Iqbal	Dean, Faculty of Life Sciences	Ph.D (Pharmaceutical Sciences), University of Strathclyde Glasgow, UK
Prof. Dr. Sudhair Abbas	Head of Department	Ph.D Pharmacy, University of Peshawar
Prof. Dr. S.M. Hassan Shah	Coordinator	Ph.D Pharmacy, University of Malakand
Dr. Tariq Abbas	Professor	Ph.D Mathematics, Islamia College University, Peshawar
Dr. Naila Raziq	Associate Professor	Ph.D Pharmacy, University of Peshawar
Dr. Muhammad Asif Khan	Associate Professor	Ph.D Pharmacy, University of Peshawar
Dr. Muhammad Kifayatullah	Associate Professor	Ph.D Pharmacy, Lincoln University College, Malaysia
Dr. Ashfaq Ahmad	Associate Professor	Ph.D Pharmacy, University of Malakand
Dr. Peer Abdul Hannan	Assistant Professor	Ph.D Pharmacy, University of Peshawar
Dr. Naila Shahbaz	Assistant Professor	Ph.D Pharmacy, University of Peshawar
Dr. Rahim Ullah	Asst. Coordinator	Ph.D Pharmaceutical Sciences, University of Peshawar
Dr. Faiqa Falak Naz	Assistant Professor	Ph.D Pharmaceutics, Gomal University, DI Khan
Dr. Saifullah Khan Khalil	Assistant Professor	Ph.D Pharmacy, University of Peshawar
Dr. Muhammad Abdullah Shah	Assistant Professor	Ph.D Chemistry (Organic), Bacha Khan University, Charsadda
Mr. Najam Afaq Qureshi	Assistant Professor	M.Phil Pharmacy, Gomal University D.I. Khan
Mr. Nasir Ali	Assistant Professor	MS Biomedical Sciences, University of East London, UK
Mr. Nisar Zamin Shah	Assistant Professor	M.Phil Pharmaceutical Sciences, University of Malakand
Mr. Salman Aman	Assistant Professor	MS Pharmacy (Pharmaceutics), Sarhad University, Peshawar
Mr. Said Muhammad	Assistant Professor	M.Phil Pharmaceutics, Islamia University of Bahawalpur
Ms. Roheena Zafar	Lecturer	MS Pharmacy (Pharmaceutics), Sarhad University, Peshawar
Mr. Saif Ullah Khan	Lecturer	M.Phil Islamiyat, Islamia College University Peshawar
Ms. Mahwish	Lecturer	M.Phil Pharmacy, University of Malakand
Mr. Wahid Zada	Lecturer	MS Pharmacology, COMSATS University, Abbottabad
Ms. Nadia Abrar	Lecturer	M.Phil Pharmacology, University of Swabi
Ms. Natasha Rahim	Lecturer	M.Phil Pharmacy, University of Peshawar
Mr. Altaf Ur Rehman	Lecturer	M.Phill Pharmacy, University of Peshawar
Mr. Muhammad Kamran Labib	Lecturer	M.Phil Pharmacognosy, Quaid-e-Azam University, Islamabad
Mr. Abdur Raziq	Lecturer	M.Phil Pharmaceutical Sciences, AWKUM
Mr. Muhammad Yamnain	Lecturer	M.Phil Pharmacy, Kohat University of Science & Technology
Ms. Kiran Firdous	Lecturer	M.Phil Pharmacology, KMU Peshawar
Mr. Tahir Ullah Khan	Lab Demonstrator	Pharm-D, University of Swabi

Pharm-D
(Doctor of Pharmacy)

Program Code	081
Number of Courses	94
Credit Hours	198

Minimum Duration	10 Semesters, 5 Years
Maximum Duration	20 Semesters, 10 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

F.Sc (Pre-Medical) or A-Level with Equivalency Certificate from IBCC Islamabad with at least 60% Marks or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test and an aptitude interview conducted by the University.

Program Objectives:

The Pharm-D Program caters increasing needs of pharmaceutical care, drug delivery systems, drug distribution, storage, hospital pharmacy, community pharmacy, clinical pharmacy, drug information systems, and pharmaceutical industries in areas like productions, quality control, quality assurance, validation, research and development, product management, training, warehouse management, logistic and drug registration systems not only in Pakistan but in Middle East, Europe, Canada, and USA.

Program Outcomes :

After completion of the program, students will be able to;

➤ Contribute and update graduates regarding the advancements in pharmaceutical science and capable of catering the needs of national and international health organizations.

➤ Apply knowledge gained in the department to contribute in national or international organizations.

➤ Demonstrate efficient oral and written communication skills.

➤ Achieve problem solving and decision making skills.

Scheme of Studies:

1st Professional Pharm-D

1st Semester

Course Code	Course Title	Cr. Hrs.23
PHC 305	Pharmaceutical Chemistry-IA (Organic-I) (Th)	3-0
PHC 307	Pharmaceutical Chemistry-IA (Organic-I) (Lab)	0-1
PCG 315	Pharmaceutical Chemistry-IIA (Biochemistry-I) (Th)	3-0
PCG 317	Pharmaceutical Chemistry-IIA (Biochemistry-I) (Lab)	0-1
PCU 311	Pharmaceutics-IA (Physical Pharmacy-I) (Th)	3-0
PCU 313	Pharmaceutics-IA (Physical Pharmacy-I) (Lab)	0-1
PCG 319	Physiology-I (Th)	3-0
PCG 321	Physiology-I (Lab)	0-1
PCG 323	Anatomy & Histology (Th)	3-0
PCG 325	Anatomy & Histology (Lab)	0-1
PMA 317	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.21
PHC 308	Pharmaceutical Chemistry-IB (Organic-II) (Th)	3-0
PHC 310	Pharmaceutical Chemistry-IB (Organic-II) (Lab)	0-1
PCG 326	Pharmaceutical Chemistry-IIB (Biochemistry-II) (Th)	3-0
PCG 328	Pharmaceutical Chemistry-IIB (Biochemistry-II) (Lab)	0-1
PCU 314	Pharmaceutics-IB (Physical Pharmacy-II) (Th)	3-0
PCU 316	Pharmaceutics-IB (Physical Pharmacy-II) (Lab)	0-1
PCG 330	Physiology-II (Th)	3-0
PCG 332	Physiology-II (Lab)	0-1
PMA 318	Pharmacy Practice- IB (Biostatistics)	3-0
ENG 112	English A (Functional English)	2-0

2nd Professional Pharm-D

3rd Semester

Course Code	Course Title	Cr. Hrs.22
PCU 413	Pharmaceutics-IIA (Dosage form science-I) (Th)	3-0
PCU 415	Pharmaceutics-IIA (Dosage form science-I) (Lab)	0-1
PCG 409	Pharmacology & Therapeutics-IA (General-I) (Th)	3-0
PCG 411	Pharmacology & Therapeutics-IA (General-I) (Lab)	0-1
PCN 411	Pharmacognosy-IA (Basic) (Th)	3-0
PCN 413	Pharmacognosy-IA (Basic) (Lab)	0-1
PCU 417	Pharmaceutics-IIIA (Pharmaceutical Microbiology and Immunology-I) (Th)	3-0
PCU 419	Pharmaceutics-IIIA (Pharmaceutical Microbiology and Immunology –I) (Lab)	0-1
GS 413	Pakistan Studies	2-0
ENG 113	English-B (Communication & Skill Writing)	4-0

4th Semester

Course Code	Course Title	Cr. Hrs.19
PCU 418	Pharmaceutics-IIB (Dosage form science-II) (Th)	3-0
PCU 420	Pharmaceutics-IIB (Dosage form science-II) (Lab)	0-1
PCG 414	Pharmacology & Therapeutics-IB (General-II) (Th)	3-0
PCG 416	Pharmacology & Therapeutics-IB (General-II) (Lab)	0-1
PCN 414	Pharmacognosy-IB (Basic) (Th)	3-0
PCN 416	Pharmacognosy-IB (Basic) (Lab)	0-1
PCU 422	Pharmaceutics-IIIB (Pharmaceutical Microbiology and Immunology-II) (Th)	3-0
PCU 424	Pharmaceutics-IIIB (Pharmaceutical Microbiology and Immunology-II) (Lab)	0-1
GS 414	Islamic Studies	3-0
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

3rd Professional Pharm-D

5th Semester

Course Code	Course Title	Cr. Hrs.20
PCG 501	Pathology (Th)	3-0
PCG 503	Pathology (Lab)	0-1
PCG 509	Pharmacology & Therapeutics-IIA (Systemic Pharmacology-I) (Th)	3-0
PCG 511	Pharmacology & Therapeutics-IIA (Systemic Pharmacology-I) (Lab)	0-1
PCN 511	Pharmacognosy-IIA (Advanced) (Th)	3-0
PCN 513	Pharmacognosy-IIA (Advanced) (Lab)	0-1
PHC 515	Pharmaceutical Chemistry-IIIA (Pharmaceutical analysis/Instrumentation-I) (Th)	3-0
PHC 517	Pharmaceutical Chemistry-IIIA (Pharmaceutical analysis/Instrumentation-I) (Lab)	0-1
PCU 517	Pharmacy Practice-IIA (Dispensing Pharmacy) (Th)	3-0
PCU 519	Pharmacy Practice-IIA (Dispensing Pharmacy) (Lab)	0-1

6th Semester

Course Code	Course Title	Cr. Hrs.19
PCS 506	Pharmacy Practice-III (Computer & its Applications in Pharmacy) (Th)	3-0
PCS 508	Pharmacy Practice-III (Computer & its Applications in Pharmacy) (Lab)	0-1
PCG 512	Pharmacology & Therapeutics-IIB (Systemic Pharmacology-II) (Th)	3-0
PCG 514	Pharmacology & Therapeutics-IIB (Systemic Pharmacology-II (Lab)	0-1
PCN 514	Pharmacognosy-IIB (Advanced) (Th)	3-0
PCN 516	Pharmacognosy-IIB (Advanced) (Lab)	0-1
PHC 518	Pharmaceutical Chemistry-IIIB (Pharmaceutical analysis/Instrumentation-II) (Th)	3-0
PHC 520	Pharmaceutical Chemistry-IIIB (Pharmaceutical analysis/Instrumentation-II) (Lab)	0-1
PCU 520	Pharmacy Practice-IIB (Community Pharmacy) (Th)	3-0

4th Professional Pharm-D

7th Semester

Course Code	Course Title	Cr. Hrs.19
PCU 613	Pharmacy Practice-IVA (Hospital Pharmacy-I) (Th)	3-0
PCU 615	Pharmacy Practice-VA (Clinical Pharmacy-IA) (Th)	3-0
PCU 617	Pharmacy Practice-VA (Clinical Pharmacy-IA) (Lab)	0-1
PCU 619	Pharmaceutics-IVA (Industrial Pharmacy-I) (Th)	3-0
PCU 621	Pharmaceutics-IVA (Industrial Pharmacy-I) (Lab)	0-1
PCU 623	Pharmaceutics-VA (Biopharmaceutics-I) (Th)	3-0
PCU 625	Pharmaceutics-VA (Biopharmaceutics-I) (Lab)	0-1
PCU 627	Pharmaceutics-VIA (Pharmaceutical Quality Management -I (Th)	3-0
PCU 629	Pharmaceutics-VIA (Pharmaceutical Quality Management -I) (Lab)	0-1

8th Semester

Course Code	Course Title	Cr. Hrs.19
PCU 630	Pharmacy Practice-IVB (Hospital Pharmacy -II) (Th)	3-0
PCU 632	Pharmacy Practice-VB (Clinical Pharmacy -IB) (Th)	3-0
PCU 634	Pharmacy Practice-VB (Clinical Pharmacy -IB) (Lab)	0-1
PCU 636	Pharmaceutics-IVB (Industrial Pharmacy-II) (Th)	3-0
PCU 638	Pharmaceutics-IVB (Industrial Pharmacy-II) (Lab)	0-1
PCU 640	Pharmaceutics-VB (Biopharmaceutics-II) (Th)	3-0
PCU 642	Pharmaceutics-VB (Biopharmaceutics-II) (Lab)	0-1
PCU 644	Pharmaceutics-VIB (Pharmaceutical Quality Management-II) (Th)	3-0
PCU 646	Pharmaceutics-VIB (Pharmaceutical Quality Management -II) (Lab)	0-1

5th Professional Pharm-D

9th Semester

Course Code	Course Title	Cr. Hrs.18
PHC 705	Pharmaceutical Chemistry-IVA (Medicinal-I) (Th)	3-0
PHC 707	Pharmaceutical Chemistry-IVA (Medicinal-I) (Lab)	0-1
PCU 715	Pharmacy Practice-VIA (Clinical Pharmacy-IIA) (Th)	3-0
PCU 717	Pharmacy Practice-VIA (Clinical Pharmacy-IIA) (Lab)	0-1
PCU 719	Pharmaceutics-VIIA (Pharmaceutical Technology-I) (Th)	3-0
PCU 721	Pharmaceutics-VIIA (Pharmaceutical Technology-I) (Lab)	0-1
PCU 723	Pharmacy Practice-VIIA (Forensic Pharmacy-I) (Th)	3-0
PCU 725	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing-I) (Th)	3-0

10th Semester

Course Code	Course Title	Cr. Hrs.18
PHC 708	Pharmaceutical Chemistry-IVB (Medicinal-II) (Th)	3-0
PHC 710	Pharmaceutical Chemistry-IVB (Medicinal-II) (Lab)	0-1
PCU 726	Pharmacy Practice-VIB (Clinical Pharmacy-IIB) (Th)	3-0
PCU 728	Pharmacy Practice-VIB (Clinical Pharmacy-IIB) (Lab)	0-1
PCU 730	Pharmaceutics-VIIB (Pharmaceutical Technology-II) (Th)	3-0
PCU 732	Pharmaceutics-VIIB (Pharmaceutical Technology-II) (Lab)	0-1
PCU 734	Pharmacy Practice-VIIB (Forensic Pharmacy-II) (Th)	3-0
PCU 736	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing-II) (Th)	3-0

Pharm-D (Doctor of Pharmacy)

Institute of Nursing Sciences

Vision

Institute of Nursing Sciences, Sarhad University of Science and Information Technology (SUIT) Peshawar will be a leading nursing institute of international standards producing competent and skilled nursing graduates to strengthen the health care system at national and international level.

Mission

The mission of Institute of Nursing Sciences is to promote nursing profession on the basis of advanced learning concepts and to enable the nursing graduates to demonstrate competence in clinical judgment, to provide ethical and effective patient-centered care, to utilize scientific interventions, and to significantly contribute to the present and emerging research and practices in the field of nursing education.

Uniform

For Male Students:

Black Dress Pant
Blue Dress Shirt
White Overall (with the SUIT Logo)
Black Shoes

For Female Students:

White Shalwar and Blue Shirt
White Overall (with the SUIT Logo)
White Dupatta & Black Shoes
Black Jersey/Coat

Program Offered: BS Nursing

Faculty Members, Institute of Nursing Sciences

Ms. Shaheen Ghani	Director	MS Nursing, Khyber Medical University, Peshawar
Ms. Nasreen Ghani	Coordinator	MS Nursing, Aga Khan University School of Nursing, Karachi
Mr. Noor Zaman Khan	Assistant Professor	MS Nursing, Khyber Medical University, Peshawar
Mr. Irfan Ullah Khattak	Assistant Professor	BS Nursing, Bahria University Islamabad, MS Epidemiology & Biostatistics, Khyber Medical University, Peshawar
Mr. Ihsan Ullah	Assistant Professor	MS Nursing, Khyber Medical University, Peshawar
Mr. Muhammad Khalil Khan	Assistant Professor	MS Nursing, Shifa Tameer-e-Millat University, Islamabad
Mr. Imtiaz Ahmad	Senior Lecturer	BS Nursing, Khyber Medical University, Peshawar, MPH, IM Sciences, Peshawar
Mr. Farhan Ali	Lecturer	BS Nursing, Khyber Medical University, Peshawar
Ms. Kainat Saddiq	Junior Lecturer	BS Nursing, Khyber Medical University, Peshawar
Mr. Muhammad Waqas	Junior Lecturer	BS Nursing, Khyber Medical University, Peshawar
Mr. Adil Zaman	Junior Lecturer	BS Nursing, Khyber Medical University, Peshawar

Bachelor of Science in
Nursing

Program Code	191
Number of Courses	44
Credit Hours	134

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

i. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.

ii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iii. Candidates will appear in an interview to be conducted by the University.

Program Objectives:

➤ To prepare competent, committed and knowledgeable nurse clinicians (hospital and community setting).

➤ To educate nurses with the appropriate knowledge, skills and attitudes and with clinical competency.

➤ To integrate evidence-based science into clinical practice to provide holistic care for individuals, families and communities.

➤ To enable nurses to meet the future challenges, including changes in technology, confronting health care in the 21st century.

➤ To initiate a leadership role in the planning, implementation and evaluation of individual, family and community.

➤ To adhere to an established pattern of professional practices within the professional, religious, cultural, legal and ethical boundaries of Pakistan.

➤ To initiate a leadership role in the planning, implementation and evaluation of individual, family and community;

➤ To act as a change agent to promote quality improvement in the performance of nursing responsibilities

Program Outcomes :

At the completion of the BSN program, a graduate of the institution of nursing science SUIT will be able to:

➤ Facilitate safe, holistic and effective patient/family

cantered care outcomes through use of evidence-based research and to promote and maintain health, prevent disease, and manage illness.

➤ Demonstrate professional accountability and responsibility for nursing judgments and actions within an ethical and legal framework, utilizing the knowledge.

➤ Demonstrate leadership in the provision and coordination of safe, cost effective and high quality nursing care.

➤ Advocate for patients, families, communities, and the nursing profession, applying values and utilizing an ethical framework, clinical reasoning, and cultural competence.

➤ Provide entry-level professional nursing care to the clients across the life span in a variety of health care settings.

➤ Promote a culture of caring to provide holistic, compassionate, culturally competent care.

Merit List Policy

Merit List will be prepared on following basis:

I. Marks obtained in F.Sc/ equivalent certificate (50% weightage).

ii. Marks obtained in entry test (40% weightage).

iii. Marks obtained in SSC (10% weightage).

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
BSN 103	Fundamentals of Nursing-I	2-1
BSN 105	Anatomy & Physiology-I	2.5-0.5
CH 108	Biochemistry	1.5-0.5
ENG 100	English-Functional English	3-0
GE 109	Ideology and Constitution of Pakistan (Pakistan Studies)	2-0
IT 103	Information and Communication Technology	1-1
MB 102	Microbiology	1.5-0.5

2nd Semester

Course Code	Course Title	Cr. Hrs.16
BSN 107	Fundamentals of Nursing-II	2-1
BSN 107C	Fundamentals of Nursing-II (CP)	0-1
BSN 110	Anatomy & Physiology-II	2.5-0.5
BSN 112	Theoretical Basis of Nursing	2-0
GS 101/102	Islamic Studies / Ethics	2-0
MA 114	Mathematics (QR - I)	3-0
NUT 101	Applied Nutrition	2-0

3rd Semester

Course Code	Course Title	Cr. Hrs.17
BSN 200	Clinical Pharmacology and Drug Administration-I	2-0
BSN 202	Medical Surgical Nursing-I	3-1
BSN 202C	Medical Surgical Nursing-I (CP)	0-3
BSN 205	Health Assessment-I	1-1
BSN 206	Pathophysiology-I	2-1
ENG 202	Professional Communication Skills	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
BSN 209	Medical Surgical Nursing-II	3-1
BSN 209C	Medical Surgical Nursing-II (CP)	0-3
BSN 214	Health Assessment-II	1-1
BSN 215	Pathophysiology-II	2-0
BSN 217	Clinical Pharmacology and Drug Administration-II	2-0
BSN 219	Professional Ethics for Nurses	2-0
PSY 205	Applied Psychology	3-0

5th Semester

Course Code	Course Title	Cr. Hrs.16
BSN 300	Pediatric Health Nursing	3-1
BSN 300C	Pediatric Health Nursing (CP)	0-3
BSN 303	Maternal, Neonatal and Child Health Nursing	2-0
BSN 303C	Maternal, Neonatal and Child Health Nursing (CP)	0-1
GE 303	Civics and Community Engagement	2-0
MD 303	Infectious Diseases	2-0
PH 301	Epidemiology	2-0
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

6th Semester

Course Code	Course Title	Cr. Hrs.18
BSN 307	Public Health Nursing	2-0
BSN 307C	Public Health Nursing (CP)	0-2
BSN 309	Mental Health Nursing	3-1
BSN 309C	Mental Health Nursing (CP)	0-2
EDU 317	Principles of Teaching & Learning	3-0
GE 317	Culture, Health & Society	2-0
MA 312	Introduction to Biostatistics (QR II)	3-0

7th Semester

Course Code	Course Title	Cr. Hrs.17
BSN 401	Critical Care Nursing	2-1
BSN 401C	Critical Care Nursing (CP)	0-4
BSN 403	Introduction to Nursing Research	3-0
BSN 405	Community Health Nursing-I	2-0
BSN 405C	Community Health Nursing-I (CP)	0-1
HR 405	Leadership & Management	3-0
MGT 404	Entrepreneurship	2-0

8th Semester

Course Code	Course Title	Cr. Hrs.15
BSN 407	Geriatric Nursing	1.5-0
BSN 407C	Geriatric Nursing (CP)	0-1.5
BSN 408	Trends and Issues in Health Care	2-0
BSN 419	Clinical Practicum (CP)	0-4
BSN 410	Community Health Nursing-II	2-0
BSN 410C	Community Health Nursing-II (CP)	0-1
ENG 416	Expository Writing	3-0

NOTE: Students are required to study The Holy Quran as per the directive of the Government of Pakistan. See section 5 (a) e (i and ii).

Sarhad Institute of Allied Health Sciences

In the present health care system, the health service revolves around the doctors, nurses, and health technicians. The technicians are diploma holders having very limited skills and knowledge and for below requirements to influence the health care delivery effectively. The need was felt by the authorities concerned that a cadre of professionals be produced having enhanced knowledge, skills and behaviors that should be able to add to health care delivery systems effectively and improve the services provisions in the country generally and in the province of Khyber Pukhtunkhwa specially.

The idea was conceived to have an institute producing technologist to meet the requirements. As a result, the Sarhad Institute of Allied Health Sciences (SIAHS) was established in January 2021 as constituent institute of Sarhad university of Science and Information Technology, to meet the perceived idea and offered BS Programs having 8 semesters (4 years) in Health, Dental, Radiology, Surgical, Anesthesia, and Nutrition Technologies. In Fall-2022, BS Programs of Optometry and Cardiology Technology were offered. In Fall 2024 Enrolment in BS Emergency Care Technology will be offered

The institute has special emphasize on character building, and awareness on medical ethics so that a cadre of empathetic professionals be produced and could be able to adopt ethical approaches in the health care positions.

Vision

To produce qualified Health Professionals to deliver at national and international level.

Mission

Producing qualified Health Professional in their respective disciplines and enable them to serve the ailing humanity by applying modern teaching/ learning strategies to improve the health care system of the country in General and Khyber Pakhtunkhwa in Particular.

Sarhad Institute of Allied Health Sciences

Programs Offered:

Doctor of Physiotherapy (DPT)

Bachelor of Science in Anesthesia Technology

Bachelor of Science in Cardiology Technology

Bachelor of Science in Dental Technology

Bachelor of Science in Emergency & Intensive Care Technology

Bachelor of Science in Health Technology

Associate Degree in Medical Lab Technology

Bachelor of Science in Medical Lab Technology

Bachelor of Science in Nutrition & Dietetics

Bachelor of Science in Optometry Technology

Bachelor of Science in Public Health

Bachelor of Science in Radiology & Imaging Technology

Bachelor of Science in Surgical Technology

Bachelor of Science in Cardiac Perfusion Technology

Associate Degree in Biotechnology

Bachelor of Science in Biotechnology

Associate Degree in Microbiology

Bachelor of Science in Microbiology

Faculty Members, Sarhad Institute of Allied Health Sciences

Dr. Fazal Mahmood Khan	Director	MBBS, Khyber Medical College, Peshawar
Dr. Aliman Shah	Deputy Director	MS Musculoskeletal Physical Therapy, KMU , Peshawar
Dr. Nasir Ali	Associate Professor	Ph.D Biotechnology, University of Malakand
Dr. Shabir Ahmad	Associate Professor	Ph.D Applied Biology, Dong-a University, South Korea
Dr. Aamir Aziz	Associate Professor	Ph.D Biotechnology, University of Peshawar
Dr. Muhammad Ateeq	Associate Professor	Ph.D Biochemistry/Molecular Biology, University of Peshawar
Dr. Asif Mehmood	Assistant Professor	Ph.D Botany, Abdul Wali Khan University, Mardan
Dr. Muhammad Yasir Khan	Assistant Professor	Ph.D Biology (Microbiology), King Abdul Aziz University, Saudia Arabia
Dr. Zainab Liaqat	Assistant Professor	Ph.D Microbiology, University of Peshawar
Dr. Sulha Syed	Assistant Professor	Ph.D Biotechnology & Genetic Engg., Agriculture University Peshawar
Mr. Kamran	Asst. Prof./Coordinator	M.Phil Microbiology, Sarhad University, Peshawar
Mr. Muhammad Saqib Khalil	Assistant Professor	M.Phil Biotechnology, Bacha Khan University, Charsadda
Mr. Bilal Nasir	Assistant Professor	M.Phil Microbiology, Hazara University, Mansehra
Ms. Khudija Ghani	Assistant Professor	M.Phil Microbiology, Hazara University, Mansehra
Dr. Inayat Ullah	Assistant Professor	MS Neurological Physical Therapy, KMU, Peshawar
Ms. Shumaila Bakht	Assistant Professor	MSc Agriculture (Human Nutrition), Agriculture University, Peshawar
Dr. Naveed Akhtar	Senior Lecturer	MS Neurological Physical Therapy, KMU, Peshawar
Mr. Hamad Ullah	Lecturer	M.Phil Microbiology, KMU, Peshawar
Mr. Inam Ullah Khan	Lecturer	M.Phil Microbiology, Abasyn University, Peshawar
Mr. Wahid Ullah	Lecturer	M.Phil MLT, University of Haripur
Mr. Muhammad Imran Khan	Lecturer	BS MLT, KMU Peshawar
Ms. Shumaila Ijaz	Lecturer	M.Phil Microbiology, Abasyn University, Peshawar
Mr. Shameem Khan	Lecturer	BS MLT, KMU, Peshawar
Mr. Kaleem Ullah	Lecturer	BS MLT, KMU, Peshawar
Mr. Haroon Rasheed	Lecturer	BS MLT, KMU, Peshawar
Mr. Umer Majeed	Lecturer	MPH, Abdul Wali Khan University, Mardan
Mr. Muhammad Maaz	Lecturer	MPH, KMU, Peshawar. MSc IOVR, Glasgow Caledonian Uni., Glasgow, Scotland
Ms. Syeda Sakina	Lecturer	MPH, IM Sciences, Pesh. BS Food & Nutrition, NIHMS, KMU, Pesh.

Faculty Members,
Sarhad Institute of Allied Health Sciences

Dr. Rab Nawaz	Lecturer	DPT, KMU, Peshawar
Dr. Muhammad Tariq	Lecturer	DPT, KMU, Peshawar
Dr. Rabia Naeem	Lecturer	MS Musculoskeletal Physical Therapy, KMU , Peshawar
Dr. Huma Khan	Lecturer	DPT, KMU, Peshawar
Dr. Nawal Fazal	Lecturer	DPT, KMU, Peshawar
Mr. Rahat Ullah	Lecturer	BS Anesthesia, Gandhara University, Peshawar
Mrs. Maheen Najeeb	Lecturer	BS Anesthesia, KMU, Peshawar
Mr. Luqman	Lecturer	BS Anesthesia, KMU, Peshawar
Dr. Farid Ullah Dawar	Lecturer	BDS, Gandhara University, Peshawar
Dr. Mehwish Fazal	Lecturer	BDS, Khyber College of Dentistry, Peshawar
Mr. Mazhar Ud Din	Lecturer	BS Dental Technology, KMU, Peshawar
Mr. Abdullah	Lecturer	BS Health, KMU, Peshawar
Ms. Umar Zainab	Lecturer	BS Radiology, KMU, Peshawar
Ms. Sundas	Lecturer	BS Radiology, Iqra National University, Peshawar
Ms. Kanwal Bano	Lecturer	BS Radiology, KMU, Peshawar
Mr. Zarak Khan	Lecturer	BS Surgical Technology, KMU, Peshawar
Mr. M. Talha Majeed Ghouri	Lecturer	BS Surgical, KMU, Peshawar
Mr. Fahad Ali Khan	Lecturer	M.Phil Political Science, University of Peshawar
Mr. Musadiq Khan	Lecturer	BS Cardiology, KMU, Peshawar
Mr. Javed Zeb	Lecturer	M.Phil Statistics, University of Peshawar
Mr. M. Muzammil Arshad	Lecturer	M.Phil Chemistry, Sarhad University Peshawar
Ms. Kehkashan Sabir	Lecturer	M.Phil Biochemistry, Sarhad University Peshawar
Ms. Saliha Salam	Lecturer	BS Chemistry, Islamia College University Peshawar
Ms. Nabila Farman	Lecturer	BSc Agriculture (Human Nutrition), Agriculture University, Pesh.
Dr. Muhammad Yasir	Lecturer	MBBS, KMU Peshawar
Mr. Muhammad Arif	Lecturer	BS Radiology Technology, KMU Peshawar
Mr. Mobin Wazir	Lecturer	BS Health Technology, KMU Peshawar

Doctor of Physiotherapy

Program Code	107
Number of Courses	57+ 6 SCP + Research Project
Credit Hours	176

Minimum Duration	10 Semesters, 5 Years
Maximum Duration	20 Semesters, 10 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

i. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 60% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 60% marks in annual system or 3.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any Registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University.

Program Objectives:

The 5-years rigorous program will practically train graduates capable to demonstrate in-depth knowledge of the basic and clinical sciences relevant to physiotherapy, both in their fundamental context and in their application to the discipline of physiotherapy. The graduates will be trained in leadership qualities, management and communication skills to effectively practice physiotherapy for the welfare of mankind. The qualified physiotherapist will professionally assist in the recovery and reducing miseries of patients.

Program Outcomes :

The graduates will be able to demonstrate in-depth knowledge of basic and applied physiotherapy. They will be able to help the patients skillfully to relieve them from agony. They will be able to take right quick clinical decisions based on the assessment of patients. Graduates will be qualified to develop human healthcare regulations and policies consistent with the requirement of the patients and society. Graduates will be capable of leadership, management and communication skills to effectively participate in physiotherapy practice and the healthcare system.

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
DPT 101	Anatomy-I	3-1
DPT 103	Physiology-I	2-1
GE 110	Introduction to Philosophy	2-0
GH 101/102	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
DPT 102	Kinesiology and Biomechanics-I	2-1
ENG 100	Functional English	3-0
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
DPT 111	Anatomy-II	3-1
DPT 113	Physiology-II	2-1
DPT 112	Kinesiology and Biomechanics-II	2-1
ENG 116	Expository Writing	3-0
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
DPT 241	Behavioral Sciences	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.18
DPT 221	Anatomy–III	2-1
DPT 223	Physiology-III	2-1
NS 201	Fundamentals of Biology	2-1
DPT 240	Biomechanics & Ergonomics-I	3-0
MA 100	Mathematics-I (Pre Calculus)	3-0
DPT 202	Basic Pathology & Microbiology	2-1

4th Semester

Course Code	Course Title	Cr. Hrs.18
DPT 234	Anatomy-IV (Neuro Anatomy)	2-1
DPT 238	Physiology-IV (Exercise Physiology)	2-1
IT 107	Applications of ICT	2-1
MA 219	Biostatistics	3-0
DPT 312	Pharmacology-I	3-0
DPT 235	Biomechanics & Ergonomics-II	2-1

5th Semester

Course Code	Course Title	Cr. Hrs.17
GE 305	Civics & Community Engagement	1-1
GE 307	Entrepreneurship	2-0
DPT 313	Physical Agents & Electrotherapy-I	2-1
DPT 317	Health & Wellness	2-0
DPT 319	Supervised Clinical Practice-I	0-3
CH 225	Biochemistry & Genetics-I	2-0
DPT 240	Medical Physics	2-1

6th Semester

Course Code	Course Title	Cr. Hrs.16
DPT 420	Human Growth Development & Community Based Rehabilitation	2-0
DPT 321	Pharmacology-II	2-0
DPT 322	Physical Agents & Electrotherapy-II	2-1
DPT 418	Musculoskeletal Physical Therapy	2-1
DPT 329	Supervised Clinical Practice-II	0-3
DPT 320	Therapeutic Exercise & Techniques	2-1

7th Semester

Course Code	Course Title	Cr. Hrs.18
DPT 411	Medicine-I	3-0
DPT 413	Surgery-I	3-0
DPT 451	Evidence Based Practice	2-1
DPT 323	Manual Therapy	2-1
DPT 429	Supervised Clinical Practice-III	0-3
DPT 327	Teaching Methodology & Community Medicine	3-0

8th Semester

Course Code	Course Title	Cr. Hrs.18
DPT 432	Medicine-II	3-0
DPT 434	Surgery-II	3-0
DPT 444	Neurological Physical Therapy	2-1
DPT 415	Radiology & Diagnostic Imaging	2-1
DPT 459	Supervised Clinical Practice-IV	0-3
DPT 523	Emergency Procedures & Care in Physical Therapy	2-1

9th Semester

Course Code	Course Title	Cr. Hrs.18
DPT 511	Cardiopulmonary Physical Therapy	2-1
DPT 457	Prosthetic & Orthotics	2-0
DPT 541	Integumentry Physical Therapy	2-0
DPT 535	Clinical Decision Making & Differential Diagnosis	3-0
DPT 537	Scientific Inquiry & Research Methodology	2-1
DPT 538	Professional Practice (Law, Ethics & Administration)	2-0
DPT 549	Supervised Clinical Practice-V	0-3

10th Semester

Course Code	Course Title	Cr. Hrs.18
DPT 560	Obstetrics & Gynaecological Physical Therapy	2-0
DPT 561	Paediatric Physical Therapy	2-0
DPT 564	Gerontology & Geriatric Physical Therapy	2-0
DPT 565	Sports Physical Therapy	2-0
DPT 579	Supervised Clinical Practice-VI	0-4
DPT 590	Research Project	0-6

Bachelor of Science in
Anesthesia Technology

Program Code	198
Number of Courses	46 + Seminar + Project
Credit Hours	134

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

I. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University.

Program Objectives:

To equip the anesthesia technologist with modern skills and latest technical knowledge to help in health care delivery system and to prepare the graduate for higher studies and research purpose.

Program Outcomes :

The BS Anesthesia Technology course is a four years degree program aimed at training students in the technological spheres of anesthesia care with a good scientific foundation. These students will be in a position to assist the health care provider (Anesthesiologist, Surgeon). On completion of the course they will play a key role in quality of health care facilities in the province, country and across the globe. With advance training in the latest technology these students will able to open the door of new research in anesthesia technology and ensure the safety of the patient at the maximum.

Merit List Policy

The merit list will be prepared on the basis of following:

Fsc 70% + Entry Test 30%

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
NS 201	Fundamentals of Biology	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
IT 107	Applications of ICT	2-1
ENG 116	Expository Writing	3-0
MA 219	Bio Statistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.16
HS 112	Medical Biochemistry	2-1
HS 208	Basic Pathology	2-1
GE 110	Introduction to Philosophy	2-0
AN 200	Anatomy Related to Anesthesia	2-1
MB 200	Basic Medical Microbiology	2-1
GE 205	Civics & Community Engagement	1-1

4th Semester

Course Code	Course Title	Cr. Hrs.16
HS 212	Pharmacology	2-1
AN 202	Physiology Related to Anesthesia	2-1
AN 204	Physics Related to Anesthesia	2-1
MD 301	Community Medicine	2-0
MLT 313	Blood Banking	2-0
MLT 313C	Blood Banking (CP)	0-1
GE 307	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.15
PSY 300	Behavioral Science	3-0
MLT 202	Hematology	2-1
AN 301	Pharmacology Related to Anesthesia	2-1
AN 303	Anesthesia Equipment	2-1
AN 305	History Taking (pre-operative assessment, medication & post-ope:care)	2-0
AN 305C	History Taking-POA&MPOC (CP)	0-1

6th Semester

Course Code	Course Title	Cr. Hrs.18
RES 477	Research Methodology	3-0
GS 306	Bioethics	3-0
AN 307	Anesthesia & Co-existing Diseases	2-0
AN 307C	Anesthesia & Co-existing Diseases (CP)	0-1
AN 309	Intensive Care	2-0
AN 309C	Intensive Care (CP)	0-1
AN 311	Types of Anesthesia	2-0
AN 311C	Types of Anesthesia (CP)	0-1
AN 313	Anesthesia related complications & their Management	2-0
AN 313C	Anesthesia related complications & their Management (CP)	0-1

7th Semester

Course Code	Course Title	Cr. Hrs.17
AN 400	Anesthesia for Cardiothoracic Surgery	2-0
AN 400C	Anesthesia for Cardiothoracic Surgery (CP)	0-1
AN 402	Anesthesia for Neuro: Emergency and Geriatric Surgery	2-0
AN 402C	Anesthesia for Neuro: Emergency and Geriatric Surgery (CP)	0-1
AN 404	Anesthesia for G/Surgery/Orthopedic & Urological Procedures	2-0
AN 404C	Anesthesia for G/Surgery/Orthopedic & Urological Procedures (CP)	0-1
AN 406	Anesthesia for Eye Surgical Procedures	2-0
AN 406C	Anesthesia for Eye Surgical Procedures (CP)	0-1
AN 408	Anesthesia for Ear,Nose,Throat Surgery	2-0
AN 408C	Anesthesia for Ear,Nose,Throat Surgery (CP)	0-1
PH 401	Epidemiology	2-0

8th Semester

Course Code	Course Title	Cr. Hrs.18
AN 411	Electrocardiograph for Anesthetist	2-0
AN 411C	Electrocardiograph for Anesthetist (CP)	0-1
AN 413	Anesthesia For Dental, Maxillofacial, Head and Neck Surgery	2-0
AN 413C	Anesthesia For Dental, Maxillofacial, Head and Neck Surgery	0-1
AN 415	Anesthesia for Obstetric & Pediatric Surgery	2-0
AN 415C	Anesthesia for Obstetric & Pediatric Surgery	0-1
HR 305	Leadership & Management	2-0
AN 417	Seminar	0-1
RES 480	Research Project	0-6

Bachelor of Science in
Cardiology Technology

Program Code	223	Minimum Duration	8 Semesters, 4 Years	
Number of Courses	44 + Seminar + Project	Maximum Duration	16 Semesters, 8 Years	
Credit Hours	127	Minimum CGPA Required To Earn Degree	2.00	

Eligibility:

I. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University.

Program Objectives:

➤ To develop a strong foundational knowledge in human anatomy, physiology, biochemistry, pathology and cardio vascular system specifically related to Cardiology Technology.

➤ To equip the students with practical skills in the use of equipment specific to cardiology, such as ECG, echocardiography, ETT, holter monitoring, electro physiology and catheterization laboratories

➤ To promote critical thinking and problem-solving abilities through case studies, simulators and clinical rotations in diverse healthcare settings.

➤ To enhance students' understanding of professional and ethical standards in cardiology technology. Emphasizing patient safety, quality assurance and effective communication within the healthcare team

➤ To prepare graduates for leadership roles and continuous professional development in the field of cardiology technology, including participation in research, education and advocacy

Program Outcomes :

➤ Graduates will demonstrate a comprehensive understanding of cardiovascular anatomy, physiology and pathology relevant to cardiology practice.

➤ Graduates will exhibit proficiency in operating and troubleshooting cardiology equipment and techniques, ensuring optimal patient care.

➤ Graduates will apply evidence-based practices and critical thinking skills to effectively manage cardiology scenarios and respond to clinical challenges

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication, and a commitment to patient safety and quality care.

➤ Graduates will be prepared for leadership roles in cardiac technology, engaging in continuous learning, research and professional development to advance the field and improved patient outcome.

Merit List Policy:

The merit list will be prepared on the basis of following:

Fsc 70% + Entry Test 30%

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
NS 201	Fundamentals of Biology	2-1
QT 100	Quran-e-Majeed Teaching	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
IT 107	Applications of ICT	2-1
ENG 116	Expository Writing	3-0
MA 219	Bio Statistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.16
HS 112	Medical Biochemistry	2-1
CRD 201	Cardiopulmonary Anatomy	2-1
HS 208	Basic Pathology	2-1
MB 202	Basic Medical Microbiology	2-1
GE 205	Civics & Community Engagement	1-1
GE 110	Introduction to Philosophy	2-0

4th Semester

Course Code	Course Title	Cr. Hrs.17
HS 212	Pharmacology	2-1
MLT 202	Hematology	2-1
CRD 206	Electrocardiography-I	2-0
CRD 206C	Electrocardiography-I (CP)	0-1
GS 306	Bio Ethics	3-0
GE 307	Entrepreneurship	2-0
CRD 318	Medical Physics	2-1

5th Semester

Course Code	Course Title	Cr. Hrs.17
PSY 300	Behavioral Science	3-0
CRD 303	Cardiopulmonary Physiology	2-1
CRD 305	Electrophysiology	2-1
CRD 307	Echocardiography-I	2-0
CRD 307C	Echocardiography-I (CP)	0-1
CRD 311	Electrocardiography-II	2-0
CRD 311C	Electrocardiography-II (CP)	0-1
PH 401	Epidemiology	2-0

6th Semester

Course Code	Course Title	Cr. Hrs.15
RES 477	Research Methodology	3-0
CRD 314	Interventional Cardiology	2-0
CRD 314C	Interventional Cardiology (CP)	0-1
CRD 320	Echocardiography-II	2-0
CRD 320C	Echocardiography-II (CP)	0-1
CRD 324	Critical Care	2-0
CRD 324C	Critical Care (CP)	0-1
MD 201	Clinical Medicine-I	2-0
MD 201C	Clinical Medicine-I (CP)	0-1

7th Semester

Course Code	Course Title	Cr. Hrs.15
CRD 400	Diagnostic Equipment's in Cardiology	2-0
CRD 400C	Diagnostic Equipment's in Cardiology (CP)	0-1
CRD 402	Pulmonary Diseases	2-0
CRD 402C	Pulmonary Diseases (CP)	0-1
CRD 404	Nuclear Cardiology	2-0
CRD 404C	Nuclear Cardiology (CP)	0-1
CRD 406	Diseases of Heart	2-0
CRD 406C	Diseases of Heart (CP)	0-1
CRD 411	Preventive Cardiology	2-0
CRD 411C	Preventive Cardiology (CP)	0-1

8th Semester

Course Code	Course Title	Cr. Hrs.13
MD 301	Clinical Medicine-II	2-0
MD 301C	Clinical Medicine-II (CP)	0-1
CRD 412	Cardiac Surgery	2-0
CRD 412C	Cardiac Surgery (CP)	0-1
RES 480	Research Project	0-6
CRD 417	Seminar	0-1

Bachelor of Science in
Dental Technology

Program Code	197
Number of Courses	45 + Seminar + Project
Credit Hours	134

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

I. Candidates with F.Sc (Pre-Medical / Dental Hygiene) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University

Program Objectives:

➤ To have in-depth knowledge of Anatomy, Physiology, Biochemistry and Pathology of Head & Neck.

➤ To enable the students to have necessary technical skills to operate, manage & maintain the Dental Chair, Dental X-Ray, Autoclave and other equipment and dental material for optimal use.

➤ To enable the dental technologist to fabricate prosthodontics and orthodontics appliances, crown, bridges and surgical splints.

➤ To inculcate ethical principles and professional standards in students making them useful members of the dental surgical team.

➤ To perform an effective roll in the field of dentistry to improve the community dental health.

➤ To inculcate research articles reading habits to keep up with new knowledge in the field.

Program Outcomes :

➤ Graduates will demonstrate a comprehensive understanding of Anatomy, Physiology, Biochemistry and Pathology of Head & Neck.

➤ Graduates will exhibit proficiency in operating and maintaining the dental equipment and material to ensure optimal patient care.

➤ Graduates will apply evidence-based practices and critical thinking skills to effectively manage the dental procedure and respond to clinical challenges.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.

➤ Graduates will be able to work as an effective member of dental surgical team.

➤ Graduates will engage in research in the field of anesthesia to improve patient care.

Merit List Policy:

The merit list will be prepared on the basis of following:
FSc 70% + Entry Test 30%

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
NS 201	Fundamentals of Biology	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
IT 107	Applications of ICT	2-1
ENG 116	Expository Writing	3-0
MA 219	Bio Statistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.16
MB 200	Basic Medical Microbiology	2-1
HS 208	Basic Pathology	2-1
GE 110	Introduction to Philosophy	2-0
DT 201	Dental Materials-I	2-1
HS 112	Medical Biochemistry	2-1
GE 205	Civics & Community Engagement	1-1

4th Semester

Course Code	Course Title	Cr. Hrs.17
HS 212	Pharmacology	2-1
DT 210	Tooth Morphology	2-0
DT 210C	Tooth Morphology (CP)	0-1
DT 212	Dental Materials-II	2-0
DT 212C	Dental Materials-II (CP)	0-1
DT 214	Periodontology	2-0
DT 214C	Periodontology (CP)	0-1
DT 216	Oral Pathology & Oral Medicine	2-0
DT 216C	Oral Pathology & Oral Medicine (CP)	0-1
GE 307	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.15
PSY 300	Behavioral Science	3-0
DT 300	Partial Denture Prosthodontics	2-0
DT 300C	Partial Denture Prosthodontics (CP)	0-1
DT 301	Orthodontics-I	2-0
DT 301C	Orthodontics-I (CP)	0-1
DT 303	Minor Oral Surgery-I	2-0
DT 303C	Minor Oral Surgery-I (CP)	0-1
DT 305	Community & Preventive Dentistry	2-0
DT 305C	Community & Preventive Dentistry (CP)	0-1

6th Semester

Course Code	Course Title	Cr. Hrs.18
RES 477	Research Methodology	3-0
DT 311	Fundamentals of Oral & Maxillofacial Radiology	2-0
DT 311C	Fundamentals of Oral & Maxillofacial Radiology (CP)	0-1
DT 313	Conservative Dentistry-I	2-0
DT 313C	Conservative Dentistry-I (CP)	0-1
DT 315	Complete Denture Prosthodontics	2-0
DT 315C	Complete Denture Prosthodontics (CP)	0-1
DT 319	Orthodontics-II	2-0
DT 319C	Orthodontics-II (CP)	0-1
GS 306	Bioethics	3-0

7th Semester

Course Code	Course Title	Cr. Hrs.18
DT 401	Conservative Dentistry-II	3-0
DT 403	Maxillofacial Prosthodontics	2-0
DT 403C	Maxillofacial Prosthodontics (CP)	0-1
DT 405	Fixed Prosthodontics	2-0
DT 405C	Fixed Prosthodontics (CP)	0-1
DT 407	Fundamentals of Implantology	2-0
DT 407C	Fundamentals of Implantology (CP)	0-1
DT 409	Fundamental of Infection Control	2-0
DT 409C	Fundamental of Infection Control (CP)	0-1
DT 203	Oral Histology	2-1

8th Semester

Course Code	Course Title	Cr. Hrs.16
DT 411	Medical Emergencies in Dental Practice	2-0
DT 411C	Medical Emergencies in Dental Practice (CP)	0-1
DT 413	Minor Oral Surgery-II	2-0
DT 413C	Minor Oral Surgery-II (CP)	0-1
DT 317	Pediatric Dentistry	2-0
DT 317C	Pediatric Dentistry(CP)	0-1
DT 417	Seminar	0-1
RES 480	Research Project	0-6

Bachelor of Science in
Emergency & Intensive Care Technology

Program Code	246
Number of Courses	48 + Project
Credit Hours	138

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

I. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered with Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University

Program Objectives:

➤ To abreast the students with a deep understanding of Anatomy, Physiology, Pharmacology and Biochemistry of the human body.

➤ To equip the students with modern techniques and skills necessary to operate and maintain the equipment's in ready and functioning conditions available in the department of emergency and ICU.

➤ To familiarize the students about clinical settings to develop competency in monitoring and adjusting parameters for the patients in emergency and ICU.

➤ To grasp the knowledge about the ethical principles and professional standards by the students, making them responsible and useful member of the team managing causalities and patients in crisis in ICU.

➤ To impart training of administrative and communication skills to perform in the environment efficiently to show the expertise in legal implications of emergency cases and application of professional attitude during the management of crisis.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Program Outcomes :

➤ Graduates will be able to demonstrate the knowledge of human structure, functions and disease process.

➤ Graduates will exhibit the knowledge regarding the techniques, skills and attitude necessary to perform safely and accurately all basic and advanced life support procedures in emergency or critical care trauma and other pathetic conditions of the patient in ICU.

➤ Graduates will emphasize proficiency in operating the equipment's in emergency and ICU and apply the techniques to ensure optimal patient care.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.

➤ Graduates will demonstrate leadership in covering the emergencies and treating intensive care patient's technology, engaging in continuous learning, research and advance proposal in the field to improve patient outcome.

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 100	Mathematics-I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
NS 201	Fundamentals of Biology	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies/	
	Values, Ethics & Society (For Non-Muslims)	2-0
IT 107	Applications of ICT	2-1
ENG 116	Expository Writing	3-0
MA 219	Biostatistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.18
MB 200	Basic Medical Microbiology	2-1
HS 208	Basic Pathology	2-1
GE 110	Introduction to Philosophy	2-0
PH 401	Epidemiology	2-0
HS 206	Pharmacology-I	2-1
PSY 300	Behavioral Sciences	3-0
EM 101	Emergency & its Types	2-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
HS 112	Medical Biochemistry	2-1
IC 201	Intensive Care Monitoring-I	1-0
IC 201C	Intensive Care Monitoring-I (CP)	0-1
HS 212	Bioethics	3-0
GE 205	Civics & Community Engagement	1-1
MLT 202	Hematology	2-1
EM 201	Fundamental of Emergency	2-0
EM 201C	Fundamental of Emergency (CP)	0-1
GE 307	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
HS 313	Pharmacology-II	2-1
IC 301	Respiratory Therapy-I	2-0
IC 301C	Respiratory Therapy-I (CP)	0-1
IC 303	Surgical Emergency	2-0
IC 303C	Surgical Emergency (CP)	0-1
EM 303	Burn & Toxicology	2-0
EM 303C	Burn & Toxicology (CP)	0-1
EM 307	Basic & Advance Life Support	2-0
EM 307C	Basic & Advance Life Support (CP)	0-1
IC 305	Medical Emergency	2-0
IC 305C	Medical Emergency (CP)	0-1

6th Semester

Course Code	Course Title	Cr. Hrs.18
AN 303	Anesthesia Equipment	2-0
AN 303C	Anesthesia Equipment (CP)	0-1
IC 307	Respiratory Therapy-II	2-0
IC 307C	Respiratory Therapy-II (CP)	0-1
IC 309	Intensive Care Monitoring-II	2-0
IC 309C	Intensive Care Monitoring-II (CP)	0-1
IC 311	Neonatal & Pediatric Critical Care	2-0
IC 311C	Neonatal & Pediatric Critical Care (CP)	0-1
EM 320	Trauma Emergency-I	2-0
EM 320C	Trauma Emergency-I (CP)	0-1
EM 326	Cardiovascular Emergency	2-0
EM 326C	Cardiovascular Emergency (CP)	0-1

7th Semester

Course Code	Course Title	Cr. Hrs.17
IC 401	Obstetrical Critical Care	2-0
IC 401C	Obstetrical Critical Care (CP)	0-1
RES 477	Research Methodology	3-0
EM 409	Diagnostic Imaging	1-0
EM 409C	Diagnostic Imaging (CP)	0-1
EM 330	Fundamental of Infection Control	2-0
EM 330C	Fundamental of Infection Control (CP)	0-1
EM 423	Ambulance Operation & Management	2-0
EM 423C	Ambulance Operation & Management (CP)	0-1
EM 425	Disaster Management	2-0
EM 425C	Disaster Management (CP)	0-1

8th Semester

Course Code	Course Title	Cr. Hrs.15
EM 405	Trauma Emergency-II	2-0
EM 405C	Trauma Emergency-II (CP)	0-1
MD 315	Medicine	2-0
MD 315C	Medicine (CP)	0-1
IC 407	Surgical Intensive Care	2-0
IC 407C	Surgical Intensive Care (CP)	0-1
RES 480	Research Project	0-6

Bachelor of Science in
Health Technology

Program Code	193
Number of Courses	48 + Research Project
Credit Hours	139

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

I. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University.

Program Objectives:

➤ To have in-depth knowledge of human Anatomy, Physiology, Biochemistry and Pathology.

➤ To enable the students to have the necessary skills to work in all the healthcare outlets from primary to tertiary health care facilities.

➤ To enable the health technologist to have the basic knowledge of operating commonly available medical and surgical equipment in the wards and emergency units of healthcare facility.

➤ To inculcate ethical principles and professional standards in the students to deliver primary healthcare services in the community.

➤ To enable the students to focus on preventive aspect of field of health specifically targeting on preventable diseases through EPI vaccination program in the community.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Program Outcomes :

➤ Graduates will demonstrate a comprehensive understanding of human Anatomy, Physiology, Biochemistry and Pathology.

➤ Graduates will exhibit necessary skills to work in all the healthcare outlets from primary to tertiary health care facilities.

➤ Graduates will demonstrate operating commonly available medical and surgical equipment in the wards and emergency units of healthcare facility.

➤ Graduates will effectively demonstrate ethical principles and professional standards to deliver primary healthcare services in the community.

➤ Graduates will show focused approach on preventive aspect of field of health specifically focusing on preventable diseases through running effective EPI vaccination program in the community.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism and effective communication to gain trust of the community for better acceptance of healthcare services being provided.

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
HS 112	Medical Biochemistry	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies/Values, Ethics & Society	
	(For Non Muslims)	2-0
IT 107	Applications of ICT	2-1
ENG 116	Expository Writing	3-0
MA 219	Bio Statistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.18
HS 208	Basic Pathology	2-1
NS 201	Fundamentals of Biology	2-1
MD 200	The Digestive System	2-0
MD 200C	The Digestive System (CP)	0-1
MD 203	The Diseases of Liver & Biliary Tract	2-0
MD 203C	The Diseases of Liver & Biliary Tract (CP)	0-1
HS 206	Pharmacology-I	3-0
MD 207	First Aid and Patient Safety	2-0
MD 207C	First Aid and Patient Safety (CP)	0-1

4th Semester

Course Code	Course Title	Cr. Hrs.18
MD 210	The Respiratory Diseases	2-0
MD 210C	The Respiratory Diseases (CP)	0-1
MD 212	The Endocrine Diseases	2-0
MD 212C	The Endocrine Diseases (CP)	0-1
MD 214	The Infectious & Tropical Diseases	2-0
MD 214C	The Infectious & Tropical Diseases (CP)	0-1
MD 205	Renal Diseases & Fluid and Electrolytes	2-0
MD 205C	Renal Diseases & Fluid and Electrolytes (CP)	0-1
GE 307	Entrepreneurship	2-0
GE 205	Civics & Community Engagement	1-1
PH 401	Epidemiology	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.17
MD 300	Poisoning	1-0
MD 300C	Poisoning (CP)	0-1
MD 302	Cardiovascular Diseases	2-0
MD 302C	Cardiovascular Diseases (CP)	0-1
MD 305	Rheumatology & Bone Diseases	2-0
MD 305C	Rheumatology & Bone Diseases (CP)	0-1
MD 307	Diseases of Children	2-0
MD 307C	Diseases of Children (CP)	0-1
MD 306	Preventive Medicine	2-0
MD 306C	Preventive Medicine (CP)	0-1
HS 308	Personal Hygiene & Waste Disposal	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.17
HS 313	Pharmacology-II	2-1
MD 310	Blood Disorders	2-0
MD 310C	Blood Disorders (CP)	0-1
MD 312	Neurological Disorders	2-0
MD 312C	Neurological Disorders (CP)	0-1
MD 314	Psychiatry	1-0
MD 314C	Psychiatry (CP)	0-1
HS 301	Mother Child Health-MCH	1-0
HS 301C	Mother Child Health-MCH (CP)	0-1
HS 303	Expanded Program on Immunization-EPI	1-0
HS 303C	Expanded Program on Immunization-EPI (CP)	0-1
GE 110	Introduction to Philosophy	2-0

Bachelor of Science in Health Technology

7th Semester

Course Code	Course Title	Cr. Hrs.17
MD 400	Skin Diseases	1-0
MD 400C	Skin Diseases (CP)	0-1
SR 401	General Surgery I	2-0
SR 401C	General Surgery I (CP)	0-1
SR 403	General Surgery II	2-0
SR 403C	General Surgery II (CP)	0-1
HS 408	General Orthopedic	2-0
HS 408C	General Orthopedic (CP)	0-1
GS 306	Bioethics	3-0
RES 477	Research Methodology	3-0

8th Semester

Course Code	Course Title	Cr. Hrs.18
SR 407	General Surgery III	2-0
SR 407C	General Surgery III (CP)	0-1
SR 409	General Surgery IV	2-0
SR 409C	General Surgery IV (CP)	0-1
HS 410	Disease of Ear, Nose & Throat	2-0
HS 410C	Disease of Ear, Nose & Throat (CP)	0-1
HS 412	Clinical Opthalmology	2-0
HS 412C	Clinical Opthalmology (CP)	0-1
RES 480	Research Project	0-6

Shams ur Rahman
**Gene xpert in-charge
(TB Control Program)
Government of Pakistan**

I'd want to express my gratitude to the Department at the Sarhad Institute of Allied Health Sciences (SUIT) and those around me for their assistance in realizing a long-held desire. For me to graduate, many hands were needed. You all have my sincere appreciation. I am currently employed by the government as an in-charge of the TB control program.

Associate Degree in
Medical Lab Technology

Program Code	167
Number of Courses	26
Credit Hours	69

Minimum Duration	4 Semesters, 2 Years
Maximum Duration	10 Semesters, 5 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

I. Candidates with F.Sc (Pre-Medical / MLT) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University

Program Objectives:

The Two year AD MLT program will acquaint the students with the knowledge in the field of Medical Laboratory Technology and its related academics and applied aspects. The program aims to prepare the students to effectively assist the senior health professionals in the delivery of quality health services from primary to the tertiary level.

Program Outcomes :

The skilled graduates will efficiently and professionally discharge their duties in the functioning of medical laboratory. The graduates will be able to assist the doctors in discharging the duty.

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies /	
	Value Ethics and Society (For Non Muslims)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
IT 107	Applications of ICT	2-1
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
NS 201	Fundamentals of Biology	2-1
ENG 116	Expository Writing	3-0
MA 219	Biostatistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1
HS 112	Medical Biochemistry	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.18
GE 110	Introduction to Philosophy	2-0
GE 205	Civics & Community Engagement	1-1
HS 208	Basic Pathology	2-1
MLT 312	Medical Lab Instruments & Techniques	2-1
MLT 414	Molecular Biology	2-1
MLT 401	Clinical Bacteriology	2-1
PH 401	Epidemiology	2-0

4th Semester

Course Code	Course Title	Cr. Hrs.16
HS 212	Pharmacology	2-1
MLT 216	RBC Disorders	2-1
MLT 209	Histopathology	2-1
MLT 320	Human Genetics	2-1
GE 307	Entrepreneurship	2-0
GE 109	Ideology & Constitution of Pakistan	
	(Pakistan Studies)	2-0

Bachelor of Science in
Medical Lab Technology

Program Code	154
Number of Courses	47 + Seminar + Project
Credit Hours	137

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

I. **4 Years:** F.Sc (Pre-Medical / MLT) or A-Level with equivalence certificate from IBCC, Islamabad with at least 45% marks.

Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

ii. **2 Years:** Candidates holding Associate Degree in relevant discipline with at least 2.00 CGPA on the scale of 4.00 from any recognized university/ institution will join from the 5th semester of their degree program. The scheme from 5th till 8th Semester will be followed.

iii. **2.5 Years:** Candidates holding Bachelor degree (14 years of education) with at least 45% marks in annual system or Associate Degree in other than relevant discipline with at least 2.00 CGPA on the scale of 4.00 from any recognized university/ institution will join from the Bridge semester of their degree program. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.

Candidates needs to pass an entry test or an aptitude interview conducted by the University.

Program Objectives:

To have in-depth knowledge of Physiology, Biochemistry, Pathology and Anatomy of human body focusing on diagnostic elements.

To enable the students to have necessary technical skills to operate, manage, troubleshoot & maintenance of Laboratory equipment.

To enable to maintain protective and cross contamination free environment in the Laboratory and patient sample taking area.

To inculcate ethical principles and professional standards in students making them useful members of the medical laboratory team.

Program Outcomes :

➤ Graduates will demonstrate in-depth knowledge of Anatomy, Physiology, Biochemistry and disease process especially general and special pathology of human body

➤ Graduates will exhibit proficiency to manage & maintain the laboratory cleanliness and sterilization of laboratory instruments and maintenance of the machines and equipment's requires for caring out different tests of the patients.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to avoid contamination in order to ensure the patient safety and quality care.

➤ Graduates will be able to work as an effective member of laboratory team.

➤ Graduates will engage in continuous professional development, research and education in the field of medical laboratory to improve patient care.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Scheme of Studies:

Bridge Semester (For 2.5 Years Degree)

Course Code	Course Title	Cr. Hrs.18
MLT 102	Human Physiology	2-1
HS 208	General Pathology	2-1
MLT 216	RBC Disorders	2-1
MB 200	Basic Medical Microbiology	2-1
HS 212	Pharmacology	2-1
MLT 100	Human Anatomy	2-1

1st Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies /	
	Value Ethics and Society (For Non Muslims)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
IT 107	Applications of ICT	2-1
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan	
	(Pakistan Studies)	2-0
ENG 116	Expository Writing	3-0
MA 219	Biostatistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1
HS 105	Medical Biochemistry-I	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.17
HS 203	Medical Biochemistry-II	2-1
HS 204	Basic Pathology-I	2-1
NS 201	Fundamentals of Biology	2-1
MLT 312	Medical Lab Instruments & Techniques	2-1
GE 205	Civics & Community Engagement	1-1
MB 200	Basic Medical Microbiology	2-1

4th Semester

Course Code	Course Title	Cr. Hrs.17
HS 311	Basic Pathology-II	2-1
MLT 105	Systematic Diagnostic Bacteriology	2-1
HS 212	Pharmacology	2-1
MLT 202	Hematology	2-1
MLT 216	RBC Disorders	2-1
GE 307	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
MLT 309	Clinical Chemistry & Biochemistry	2-1
MLT 303	WBCs & Platelets Disorder	2-1
MLT 416	Clinical Pathology	2-1
MLT 209	Histopathology	2-1
MLT 319	Medical Virology	2-1
MLT 325	Biotechnology	2-1

6th Semester

Course Code	Course Title	Cr. Hrs.18
MLT 313	Blood Banking	2-1
MLT 403	Clinical Parasitology	2-1
MLT 335	Cytopathology	2-1
MLT 318	Chemical Pathology	2-1
CS 338	Bioinformatics	2-1
MLT 407	Immunology & Serology	2-1

7th Semester

Course Code	Course Title	Cr. Hrs.17
MLT 332	Medical Lab Management Skills	2-1
MLT 418	Biosafety & Biosecurity	2-1
MLT 420	Toxicology & Forensic Serology	2-1
PH 401	Epidemiology	2-1
RES 477	Research Methodology	3-0
GE 110	Introduction to Philosophy	2-0

8th Semester

Course Code	Course Title	Cr. Hrs.16
MLT 422	Endocrinology	2-1
GS 306	Bioethics	3-0
MLT 414	Medical Molecular Biology	2-1
MLT 417	Seminar	0-1
RES 480	Research Project	0-6

Bachelor of Science in Medical Lab Technology

Bachelor of Science in
Nutrition & Dietetics

Program Code	196
Number of Courses	46+ Project
Credit Hours	138

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

i. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

Candidates will appear in an interview to be conducted by the University.

Program Objectives:

➤ To abreast the students with a deep understanding of Anatomy, Physiology, Pharmacology and Biochemistry especially relevant to the field of nutrition and dietetics which is intake of food, its absorption, assimilation and utilization by the human body.

➤ To impart the student the knowledge of good nutrition important for the normal growth, development, delaying aging, healthy pregnancy outcomes, maintaining a healthy body and reducing the risks of chronic diseases leading to overall health of wellbeing.

➤ To develop the fundamental education of nutrition in order to help the individuals to establish food habits and practices that are consistent with the nutritional needs of the body and adopted to the cultural patterns and food resources in the area in which they live.

➤ To prepare the graduates for leaderships roles and continuous professional developments in the field of nutrition, engaging themselves in research, education and advocacy.

➤ To enhance the students understanding of professional and ethical standards, emphasizing patients' safety, quality assurance and effective communication within the nutrition and dietetic team.

Program Outcomes :

➤ Graduates will be able to demonstrate the knowledge of human structure, its functions, intake of food, digestion, its absorption, assimilation, utilization and disease process.

➤ Graduates will exhibit the knowledge regarding nutritional assessment techniques, skills and attitude necessary to diagnose health problems due to consumption of non-optimal quantities of the nutrients.

➤ Graduates will grasp the knowledge about the microbial contamination of foods and factors effecting the growth of microorganisms leading to food born infections, intoxications and role of probiotics in our daily life.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.

➤ Graduates will play leadership role in the field of nutrition and dietetics, engaging themselves in continuous learning, research and advance proposal in the field to improve patient outcome.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
HS 101	Human Anatomy - I	2-1
HS 102	Human Physiology - I	2-1
NS 201	Fundamentals of Biology	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology and Constitution of Pakistan (Pakistan Studies)	2-0
ENG 116	Expository Writing	3-0
MA 219	Bio Statistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1
HS 112	Medical Biochemistry	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.16
GE 205	Civics & Community Engagement	1-1
ND 201	Fundamentals of Humans Nutrition	3-0
FST 200	Essentials of Food Science & Technology	3-0
ND 203	Macronutrients in Human Nutrition	3-0
IT 107	Applications of ICT	2-1
GE 110	Introduction to Philosophy	2-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
HS 212	Pharmacology	2-1
ND 205	Micronutrients in Human Nutrition	3-0
ND 207	Nutrition Through Social Protection	2-0
FST 202	Food Microbiology	2-1
FST 204	Food Safety and Quality Management	2-0
PSY 300	Behavioral Science	3-0
GE 307	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
BT 300	Introductory Molecular Genetics	3-0
ND 310	Assessments of Nutritional Status	2-1
ND 312	Nutrition Through the life Cycle	3-0
FST 301	Food Analysis	1-2
ND 314	Dietetics-I	2-1
ND 316	Nutrition and Psychology	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.17
RES 477	Research Methodology	3-0
ND 321	Nutritional Education and Awareness	2-0
ND 321C	Nutritional Education and Awareness (CP)	0-1
ND 323	Meal Planning and Management	2-0
ND 323C	Meal Planning and Management (CP)	0-1
ND 325	Public Health Nutrition	2-0
ND 325C	Public Health Nutrition (CP)	0-1
FST 303	Food and Drug Laws	2-0
ND 327	Dietetics-II	2-0
ND 327C	Dietetics-II (CP)	0-1

7th Semester

Course Code	Course Title	Cr. Hrs.18
FST 400	Functional Foods and Nutraceuticals	3-0
ND 401	Sports Nutrition	2-0
ND 401C	Sports Nutrition (CP)	0-1
ND 403	Infant and Young Child Feeding	2-0
ND 403C	Infant and Young Child Feeding (CP)	0-1
ND 405	Dietetics-III	2-0
ND 405C	Dietetics-III (CP)	0-1
FST 403	Global Food Issues	3-0
	Elective Course (with 3 Credit Hours)	3-0

8th Semester

Course Code	Course Title	Cr. Hrs.17
ND 410	Nutrition Policies and Programs	3-0
ND 412	Nutrition Practices in Clinical Care	2-0
ND 412C	Nutritional Practices in Clinical Care (CP)	0-1
FST 405	Food Service Management	3-0
	Elective Course (with 2 Credit Hours)	2-0
RES 480	Research Project	0-6

List of Electives (2 Credit Hours) (Select One)

Course Code	Course Title	Cr. Hrs.
ND 414	Drug-Nutrient Interactions	2-0
FST 406	Food Chemistry	2-0
FST 408	Food Supplements	2-0
ND 416	Metabolism of Nutrients	2-0
ND 418	Nutrition Epidemiology	2-0

List of Electives (3 Credit Hours) (Select One)

Course Code	Course Title	Cr. Hrs.
ND 421	Nutritional Immunology	3-0
ND 423	Preventive Nutrition	3-0
ND 425	Nutrition in Emergencies	3-0
FST 410	Food Toxins & Allergens	3-0
ND 427	Nutritional Deficiency Disorders	3-0

Wali Ullah
Lab Technologist
Islamabad Diagnostic Center, Islamabad

We sincerely appreciate the faculty and staff of Sarhad Institute of Allied Health Sciences (SUIT) for their unwavering commitment to the welfare of our students and the achievement of our educational objectives. I genuinely have nothing but appreciation for the faculty's prompt and flexible responsiveness to our educational needs and individual endeavors in light of the (very) exceptional circumstances. At the moment, I am employed as a lab technician at the Islamabad Diagnostic Center. Having such a capable faculty looking out for us gives me great comfort.

Bachelor of Science in
Optometry Technology

Program Code	224
Number of Courses	45 + Project
Credit Hours	136

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

I. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

Candidates will appear in an interview to be conducted by the University

Program Objectives:

➤ To develop a strong foundational knowledge in anatomy of Eye, physiology, biochemistry and pathology of Eye specifically related to Optometry & refraction technology.

➤ To equip the students with practical skills in the use of equipment specific to Optometry & refraction technology.

➤ To promote critical thinking and problem-solving abilities through case studies, simulations and clinical rotations in healthcare outlets.

➤ To enhance students' understanding of professional and ethical standards in Optometry & refraction technology emphasizing patient safety, quality `assurance and effective communication within the healthcare system.

➤ To prepare students for leadership roles and continuous professional development in the field of Optometry & Refraction. The program also focuses on ocular therapeutics, including participation in research and analysis, preventive health education and advocacy in the community.

Program Outcomes :

➤ Graduates will demonstrate a comprehensive understanding of Optometry & Refraction including its anatomy, physiology and pathology.

➤ Graduates will demonstrate proficiency in operating, maintaining and troubleshooting of the equipment related to Optometry & Refraction ensuring optimal patient care.

➤ Graduates will apply evidence-based practices and critical thinking skills to effectively manage and respond to the clinical challenges in the field of Optometry & Refraction.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication, and a commitment to patient safety and quality care in the community.

➤ Graduates will be play leadership roles in Optometry & Refraction, engaging in continuous learning, research and professional development for advancement in the field and improved patient outcome.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies /	
	Value Ethics and Society (For Non Muslims)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
NS 201	Fundamentals of Biology	2-1
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
ENG 116	Expository Writing	3-0
MA 219	Bio Statistics	3-0
HS103	Human Anatomy-II	2-1
HS104	Human Physiology-II	2-1
HS 112	Medical Biochemistry	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.16
OPT 201	Anatomy of the Eye	2-1
OPT 203	Physiology of the Eye	2-1
IT 107	Applications of ICT	2-1
HS 208	Basic Pathology	2-1
GE 205	Civics & Community Engagement	1-1
GE 110	Introduction to Philosophy	2-0

4th Semester

Course Code	Course Title	Cr. Hrs.17
OPT 210	Basic Clinical Skills in Optometry	2-0
OPT 210C	Basic Clinical Skills in Optometry (CP)	0-1
OPT 212	Skills for Adv. Visual Function Assessment	2-0
OPT212C	Skills for Adv. Visual Function Assessment (CP)	0-1
OPT 214	Basic Community Ophthalmology	2-0
OPT 214C	Basic Community Ophthalmology (CP)	0-1
OPT 216	Ocular Pharmacology	2-1
OPT 218	Basic Ocular Diseases	2-0
OPT 218C	Basic Ocular Diseases (CP)	0-1
GS 307	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
OPT 300	Ophthalmic Nursing	2-0
OPT 302	Advance Ocular Diseases	2-0
OPT 302C	Advance Ocular Diseases (CP)	0-1
OPT 304	Physiological Visual Optics	2-1
OPT 306	Clinical Refraction	2-0
OPT 306C	Clinical Refraction (CP)	0-2
OPT 207	Geometrical & Physical Optics	2-1
OPT 205	Public Health & Optometry	2-1

6th Semester

Course Code	Course Title	Cr. Hrs.17
OPT 311	Instrument Optics	1-0
OPT 311C	Instrument Optics (CP)	0-1
OPT 313	Dispensing Optics	3-0
OPT 313C	Dispensing Optics (CP)	0-1
OPT 315	Contact Lens	2-0
OPT 315C	Contact Lens (CP)	0-2
OPT 317	Low Vision	2-0
OPT 317C	Low Vision (CP)	0-2
OPT 319	Clinical Practice-I	0-3

7th Semester

Course Code	Course Title	Cr. Hrs.18
OPT 401	Vision Sciences & Clinical Optics	2-0
OPT 401C	Vision Sciences & Clinical Optics (CP)	0-2
OPT 403	Advance Clinical Contact Lens	1-0
OPT 403C	Advance Clinical Contact Lens (CP)	0-1
OPT 405	Pediatric Optometry	2-0
OPT 406	Clinical Practice-II	0-4
RES 477	Research Methodology	3-0
OPT 308	Orthoptics	2-0
OPT 308C	Orthoptics (CP)	0-1

8th Semester

Course Code	Course Title	Cr. Hrs.16
OPT 410	Clinical Optics & Binocular Vision	2-0
OPT 410C	Clinical Optics & Binocular Vision (CP)	0-2
PSY 300	Behavioral Science	3-0
OPT 412	Neuro Ophthalmology	2-0
OPT 412C	Neuro Ophthalmology (CP)	0-1
RES 480	Research Project	0-6

Bachelor of Science in
Public Health

Program Code	153	Minimum Duration	8 Semesters, 4 Years
Number of Courses	45+ Research Project	Maximum Duration	16 Semesters, 8 Years
Credit Hours	136	Minimum CGPA Required To Earn Degree	2.00

Eligibility:

i. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iii. Candidates will appear in an interview to be conducted by the University.

Program Objectives:

To train competent, committed and skilled public healthcare professionals with sound knowledge of public health that will improve public health auxiliary and support services. Prepare leadership in public health. Develop, administer and evaluate health policies and programs. They will confidently participate in efforts to improve the health of the community using assessment of preventive services. To train graduates in the conduct of basic and applied research relevant to the description, risk factors and interventions for the resolution of health problems in the human population and community.

Program Outcomes :

The graduates will be qualified to solve health related problems within financial, socio-cultural, environmental, ethical and political framework of Pakistan and its surrounding regions. They will be able to design, conduct, analyze and interpret the results of epidemiological investigations, projects and programs. They would be able to plan, manage, and evaluate interventions in the field of public health. They would be efficient in communicating with public health messages to diverse audience of the community. They will be able to advocate public health intervention and practices with equity.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
ENG 100	Functional English	3-0
MA 100	Mathematics-I (Pre Calculus)	3-0
NS 201	Fundamentals of Biology	3-0
GS 110	Sociology of Health Disease	3-0
PH 203	Pupulations Dynamics	2-1
GH 101/102	Islamic Studies/	
	Values, Ethics & Society (For Non Muslims)	2-0
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan	
	(Pakistan Studies)	2-0
ENG 116	Expository Writing	3-0
MA 219	Biostatistics	3-0
PSY 110	Principles of Psychology	3-0
PH 103	Medical Anthropology	3-0
PH 105	Personal Hygiene	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.16
IT 107	Applications of ICT	2-1
PH 205	Primary Health Care	3-0
PH 207	Concept of Health and Disease	3-0
PH 309	Community Nutrition	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics & Community Engagement	1-1

4th Semester

Course Code	Course Title	Cr. Hrs.17
GS 422	Professional Ethics	3-0
PH 210	Basic Epidemiology	3-0
MA 209	Elementary Statistics	3-0
PH 212	Health Promotion, Advocacy & Social Mobilization	3-0
PH 416	Disaster Management	3-0
GE 307	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.15
PH 311	Community Pediatrics	3-0
PH 313	Fundamental Principles of Infectious Diseases	3-0
PH 315	Epidemiology of Infectious Diseases	3-0
PH 317	Non Communicable Diseases Epidemiology	3-0
PH 201	Health Economics	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.18
PH 320	Reproductive Health	3-0
PH 322	Environment & Occupational Health	3-0
PH 324	Health Policy and Management	3-0
PH 326	Health Planning	3-0
PH 328	District Health Management	3-0
PH 330	Health Professional Education	3-0

7th Semester

Course Code	Course Title	Cr. Hrs.18
PH 400	Mental Health	3-0
PH 402	Health Marketing	3-0
RES 477	Research Methodology	3-0
	Elective 1	3-0
	Elective 2	3-0
RES 491	Research Project (Phase-I)	0-3

8th Semester

Course Code	Course Title	Cr. Hrs.18
MB 202	Basic Medical Microbiology	3-0
PH 406	Entomology	3-0
PH 408	Parasitology	3-0
	Elective 3	3-0
	Elective 4	3-0
RES 492	Research Project (Phase-II)	0-3

Electives

Course Code	Course Title	Cr. Hrs.
PH 410	International Health	3-0
PH 412	Health Financing	3-0
PH 414	Health Inventory Management	3-0
PH 418	Quality Management in Health Care	3-0
PH 421	School Health	3-0
PH 422	Health Information System	3-0
PH 423	Health Project Management	3-0
PH 424	Community Dentistry	3-0
PH 425	Community Psychiatry	3-0
PH 426	Community Nursing	3-0
PH 427	Food Safety	3-0
PH 428	Health Marketing	3-0
PH 429	Addiction and Social Rehabilitation	3-0
PH 430	Sports Medicine	3-0
PH 431	Adolescent and Sexual Health	3-0

Bachelor of Science in
Radiology & Imaging Technology

Program Code	194
Number of Courses	49 + Project
Credit Hours	132

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

i. Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidate with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

Candidates will appear in an interview to be conducted by the University.

Program Objectives:

➤ To develop a strong foundational knowledge in the anatomy of human body, with basic knowledge of its physiology, biochemistry and pathology.

➤ To equip the students with practical skills in the use, radiation protection and maintenance of equipment specific to radiology and imaging e.g. ultra-sonography, MRI/CT, Mammography & Fluoroscopy etc.

➤ To promote critical thinking and problem-solving abilities through case studies, simulations and clinical rotations in healthcare outlets.

➤ To enhance students' understanding of professional and ethical standards in radiology and imaging technology emphasizing patient safety, quality `assurance and effective communication.

➤ To focus and participate in research and analysis in the field of radiology and imaging.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Program Outcomes :

➤ Graduates will demonstrate a comprehensive understanding of radiology and imaging including the anatomy of human body, physiology and pathology.

➤ Graduates will demonstrate proficiency in practical skills in the use, radiation protection, troubleshooting and maintenance of equipment specific to radiology and imaging ensuring optimal patient care.

➤ Graduates will apply evidence-based practices and critical thinking skills to effectively manage and respond to the clinical challenges in the field of radiology and imaging.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication, and a commitment to patient safety and quality care.

➤ Graduates will demonstrate skills in research and analysis in the field of radiology and imaging.

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies /	
	Values, Ethics & Society (For Non Muslims)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
IT 107	Applications of ICT	2-1
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
ENG 116	Expository Writing	3-0
MA 219	Bio Statistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1
NS 201	Fundamentals of Biology	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.16
HS 112	Medical Biochemistry	2-1
HS 208	General Pathology	2-1
RD 201	Regional and Radiological Anatomy-I	2-0
RD 201C	Regional and Radiological Anatomy-I (CP)	0-1
RD 203	General Radiology	2-0
RD 203C	General Radiology (CP)	0-1
GE 205	Civics & Community Engagement	1-1
GE 110	Introduction to Philosophy	2-0

4th Semester

Course Code	Course Title	Cr. Hrs.17
HS 212	Pharmacology	2-1
RD 210	Regional and Radiological Anatomy-II	2-0
RD 210C	Regional and Radiological Anatomy-II (CP)	0-1
RD 212	Conventional Radiological Procedures & Clinical Practice	2-0
RD 212C	Conventional Radiological Procedures & Clinical Practice (CP)	0-1
RD 214	Radiological Positioning & Clinical Practice	2-0
RD 214C	Radiological Positioning & Clinical Practice (CP)	0-1
PSY 300	Behavioral Science	3-0
GE 307	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
GS 306	Bio Ethics	3-0
RD 301	Computed & Digital Radiography	1-0
RD 301C	Computed & Digital Radiography (CP)	0-1
RD 303	Radiobiology & Radiation Protection	1-0
RD 303C	Radiobiology & Radiation Protection (CP)	0-1
MD 201	Clinical Medicine-I	1-0
MD 201C	Clinical Medicine-I (CP)	0-1
RD 305	Computed Tomography	2-0
RD 305C	Computed Tomography (CP)	0-1
RD 307	Mammography and Special Radiological Techniques	2-0
RD 307C	Mammography and Special Radiological Techniques (CP)	0-1
RD 205	Radiation Sciences and Technology	2-0
RD 205C	Radiation Sciences and Technology (CP)	0-1

6th Semester

Course Code	Course Title	Cr. Hrs.18
RES 477	Research Methodology	3-0
RD 310	Magnetic Resonance Imaging-MRI	2-0
RD 310C	Magnetic Resonance Imaging-MRI (CP)	0-1
SR 300	General Surgery	1-0
SR 300C	General Surgery (CP)	0-1
RD 312	Interventional Radiology	1-0
RD 312C	Interventional Radiology (CP)	0-1
RD 314	Radiological & Cross Sectional Anatomy	2-0
RD 314C	Radiological & Cross Sectional Anatomy (CP)	0-1
RD 316	Computer Tomography Procedure & Clinical Practice	2-0
RD 316C	Computer Tomography Procedure & Clinical Practice (CP)	0-1
MD 301	Clinical Medicine-II	1-0
MD 301C	Clinical Medicine-II (CP)	0-1

7th Semester

Course Code	Course Title	Cr. Hrs.17
RD 400	Magnetic Resonance Imaging Procedures & Clinical Practice	2-0
RD 400C	Magnetic Resonance Imaging Procedures & Clinical Practice (CP)	0-1
RD 402	Therapeutic Radiology	2-0
RD 402C	Therapeutic Radiology (CP)	0-1
RD 404	Clinical Sonography	2-0
RD 404C	Clinical Sonography (CP)	0-1
RD 406	Angiography and Cardiac Imaging	2-0
RD 406C	Angiography and Cardiac Imaging (CP)	0-1
RD 408	Patient Care & Management	2-0
RD 408C	Patient Care & Management (CP)	0-1
MD 401	Nuclear Medicine	2-0

8th Semester

Course Code	Course Title	Cr. Hrs.12
RD 411	Echocardiography	1-0
RD 411C	Echocardiography (CP)	0-1
RD 413	Electrocardiography-ECG	1-0
RD 413C	Electrocardiography -ECG (CP)	0-1
RD 415	Clinical Pathology & Radiological Presentation	1-0
RD 415C	Clinical Pathology & Radiological Presentation (CP)	0-1
RES 480	Research Project	0-6

Wajeeha Zarin Afridi
Lecturer,
GGDC, Pabbi,
Nowshehra.

SUIT has changed my perspective about how to deal with the challenges of life, in both personal and professional capacities. I wouldn't be as content and successful today if it weren't for my teachers. Despite the fact that it has been 3 years since I graduated from SUIT, my professors are still readily available to assist and direct me with any academic difficulties I encounter. I am blessed to have them in my life.

Bachelor of Science in
Surgical Technology

Program Code	195
Number of Courses	48 + Project
Credit Hours	136

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

i. Candidates with F.Sc (Pre-Medical, Surgical / OT) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University.

Program Objectives:

➤ To have in-depth knowledge of Anatomy, Physiology, Biochemistry and Pathology of human body.

➤ To enable the students to have necessary technical skills to, manage & maintain the OT cleanliness & sterilization of surgical instruments.

➤ To enable the students to look after the sucker machines etc. They are also trained to prepare surgical trolley according to the due surgical procedure for optimal patient care.

➤ To inculcate ethical principles and professional standards in students making them useful members of the surgical team.

➤ To keep abreast with academic research to have new knowledge undergoing in the field.

Program Outcomes :

➤ Graduates will demonstrate in-depth knowledge of Anatomy, Physiology, Biochemistry and Pathology of human body.

➤ Graduates will exhibit proficiency to manage & maintain the OT cleanliness & sterilization of surgical instruments and maintenance of the sucker machines etc. They are also able to prepare surgical trolley according to the due surgical procedure.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.

➤ Graduates will be able to work as an effective member of surgical team.

➤ Graduates will engage in continuous professional development in the field of surgery to improve patient care.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies /	
	Values, Ethics & Society (For Non Muslims)	2-0
MA 100	Mathematics-I (Pre Calculus)	3-0
ENG 100	Functional English	3-0
IT 107	Applications of ICT	2-1
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan	
	(Pakistan Studies)	2-0
ENG 116	Expository Writing	3-0
MA 219	Bio Statistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1
HS 112	Medical Biochemistry	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.17
HS 208	Basic Pathology	2-1
NS 201	Fundamentals of Biology	2-1
SR 201	Surgical Instruments/Equipment	2-1
MLT 202	Hematology	2-1
GE 205	Civics & Community Engagement	1-1
HS 201	Pathology of the Systems	2-1

4th Semester

Course Code	Course Title	Cr. Hrs.16
HS 212	Pharmacology	2-1
SR 210	Surgical Setup & Positioning	2-1
SR 212	Diagnostic Imaging	0-1
SR 212C	Diagnostic Imaging (CP)	0-1
SR 202	Medical Surgical Skills	2-1
GE 307	Entrepreneurship	2-0
PSY 300	Behavioral Science	3-0

5th Semester

Course Code	Course Title	Cr. Hrs.17
GS 306	Bio Ethics	3-0
SR 309	Operating Room Environment & Design	2-1
SR 302	Aesthetic Procedure	1-1
SR 303	Surgical Emergency	2-0
SR 303C	Surgical Emergency (CP)	0-1
SR 305	Minor Surgery	2-0
SR 305C	Minor Surgery (CP)	0-1
SR 307	ENT Surgery	2-0
SR 307C	ENT Surgery (CP)	0-1

6th Semester

Course Code	Course Title	Cr. Hrs.18
RES 477	Research Methodology	3-0
AN 303	Anesthesia Equipment	2-1
SR 310	Clinical Operative Thoracic Surgery	2-0
SR 310C	Clinical Operative Thoracic Surgery (CP)	0-1
SR 214	Operating Room Management	2-1
SR 314	Peri-Operative Care	2-0
SR 314C	Peri-Operative Care (CP)	0-1
SR 316	Clinical Operative General Surgery	2-0
SR 316C	Clinical Operative General Surgery (CP)	0-1

7th Semester

Course Code	Course Title	Cr. Hrs.17
SR 401	Clinical Operative Gynecology Obstetrics	2-0
SR 401C	Clinical Operative Gynecology Obstetrics (CP)	0-1
SR 403	Diagnostic & Endoscopic Surgery	2-0
SR 403C	Diagnostic & Endoscopic Surgery (CP)	0-1
SR 405	Infection, Prevention & Control	1-0
SR 405C	Infection, Prevention & Control (CP)	0-1
SR 407	Clinical Operative Pediatric Surgery	2-0
SR 407C	Clinical Operative Pediatric Surgery (CP)	0-1
SR 409	Clinical Operative Opthalmic Surgery	2-0
SR 409C	Clinical Operative Opthamlic Surgery (CP)	0-1
SR 411	Quality Assurance & Biosafety	1-0
GE 110	Introduction to Philosophy	2-0

8th Semester

Course Code	Course Title	Cr. Hrs.17
SR 416	Clinical Operative Neuro Surgery	2-0
SR 416C	Clinical Operative Neuro Surgery (CP)	0-1
SR 418	Clinical Operative Urology Surgery	2-0
SR 418C	Clinical Operative Urology Surgery (CP)	0-1
SR 421	Clinical Operative Orthopedic Surgery	2-0
SR 421C	Clinical Operative Orthopedic Surgery (CP)	0-1
SR 423	Operating Room Management	1-0
SR 423C	Operating Room Management (CP)	0-1
RES 480	Research Project	0-6

Bachelor of Science in
Cardiac Perfusion Technology

Program Code	256
Number of Courses	47+Research Project
Credit Hours	138

Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

i.   Candidates with F.Sc (Pre-Medical) or A-Levels with equivalency certificate from IBCC Islamabad with at least 45% marks are eligible to apply.

ii. Candidates with Diploma in relevant field with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system dully registered by Khyber Pakhtunkhwa Medical Faculty with equivalency certificate from IBCC Islamabad are eligible to apply.

iii. Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.

iv. Candidates will appear in an interview to be conducted by the University.

Program Objectives:

➤ To develop a strong foundational knowledge in human anatomy, physiology, biochemistry, pathology and cardio vascular system specifically related to perfusion technology.

➤ To equip the students with practical skills in the use of perfusion equipment, including extracorporeal circulation, cardiopulmonary bypass and other advanced perfusion techniques.

➤ To promote critical thinking and problem-solving abilities through case studies, simulators and clinical rotations in diverse healthcare settings.

➤ To enhance students' understanding of professional and ethical standards in cardiac perfusion. Emphasizing patient safety, quality assurance and effective communication within the healthcare team.

➤ To prepare graduates for leadership roles and continuous professional development in the field of cardiac perfusion, including participation in research, education and advocacy.

Merit List Policy:

The merit list will be prepared on the basis of following:
Fsc 70% + Entry Test 30%

Program Outcomes :

➤ Graduates will demonstrate a comprehensive understanding of cardiovascular anatomy, physiology and pathology relevant to perfusion practice.

➤ Graduates will exhibit proficiency in operating and troubleshooting perfusion equipment and techniques, ensuring optimal patient care during surgical procedures.

➤ Graduates will apply evidence-based practices and critical thinking skills to effectively manage perfusion scenarios and respond to clinical challenges.

➤ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication, and a commitment to patient safety and quality care.

➤ Graduates will be prepared for leadership roles in cardiac perfusion, engaging in continuous learning, research and professional development to advance the field and improved patient outcome.

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 100	Mathematics-I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
HS 201	Fundamental of Biology	2-1
HS 101	Human Anatomy-I	2-1
HS 102	Human Physiology-I	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GH 101/102	Islamic Studies/	
	Values, Ethics & Society (for Non-Muslims)	2-0
ENG 116	Expository Writing	3-0
MA 219	Biostatistics	3-0
HS 103	Human Anatomy-II	2-1
HS 104	Human Physiology-II	2-1
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.16
HS 112	Medical Biochemistry	2-1
GE 110	Introduction to Philosophy	2-0
MB 202	Basic Medical Microbiology	2-1
CRD 201	Cardiopulmonary Anatomy	2-1
HS 208	Basic Pathology	2-1
GE 205	Civics & Community Engagement	1-1

4th Semester

Course Code	Course Title	Cr. Hrs.17
HS 212	Pharmacology	2-1
PER 201	Electrocardiography	2-0
PER 201C	Electrocardiography(CP)	0-1
GS 306	Bioethics	3-0
CRD 318	Medical Physics	2-1
GE 307	Entrepreneurship	2-0
MLT 202	Hematology	2-1

5th Semester

Course Code	Course Title	Cr. Hrs.17
CRD 303	Cardiopulmonary Physiology	2-1
PER 301	Perfusion Technology-I	2-1
PER 303	Echocardiography	2-0
PER 303C	Echocardiography (CP)	0-1
PER 305	Perfusion Safety & Quality Assurance	2-0
PER 307	Ventricular Assistant Devices	2-0
PER 307C	Ventricular Assistant Devices (CP)	0-1
PER 309	Principles of Perfusion	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.18
PER 313	Extra Corporeal Membrane Oxygenation (ECMO)	2-0
PER 313C	Extra Corporeal Membrane	
	Oxygenation (ECMO) (CP)	0-1
PER 315	Pharmacology Related to Perfusion	2-1
PER 317	Perfusion Equipments	2-0
PER 317C	Perfusion Equipments (CP)	0-1
CRD 412	Cardiac Surgery	2-0
CRD 412C	Cardiac Surgery (CP)	0-1
CRD 324	Critical Care	2-0
CRD 324C	Critical Care (CP)	0-1
CRD 402	Pulmonary Diseases	2-0
CRD 402C	Pulmonary Diseases (CP)	0-1

7th Semester

Course Code	Course Title	Cr. Hrs.18
PER 401	Perfusion Technology II	2-0
PER 401C	Perfusion Technology II (CP)	0-1
PER 403	Fundamental of Infection Control	2-1
PER 405	Clinical Medicine	2-0
PER 405C	Clinical Medicine(CP)	0-1
CRD 406	Diseases of Heart	2-0
CRD 406C	Diseases of Heart (CP)	0-1
RES 477	Research Methodology	3-0
PH 401	Epidemiology	3-0

8th Semester

Course Code	Course Title	Cr. Hrs.18
PER 407	Perfusion Pathophysiology	3-0
PER 409	Advanced Perfusion Techniques	2-0
PER 409C	Advanced Perfusion Techniques (CP)	0-1
PER 411	Paediatric & Neonatal Perfusion	2-0
PER 411C	Paediatric & Neonatal Perfusion (CP)	0-1
CRD 411	Preventive Cardiology	2-0
CRD 411C	Preventive Cardiology (CP)	0-1
RES 480	Research Project	0-6

Associate Degree in
Biotechnology

Program Code	100
Number of Courses	24
Credit Hours	69

Minimum Duration	4 Semesters, 2 Years
Maximum Duration	10 Semesters, 5 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

F.Sc (Pre-Medical) or A-Levels with Equivalency Certificate from IBCC Islamabad with at least 45% Marks or an equivalent certificate from a recognized institution, are eligible to apply. Candidates will have to pass an entry test and aptitude interview conducted by the University.

Program Objectives:

The two year program is designed in accordance with the guidelines provided by Higher Education Commission, Islamabad, Pakistan in Biotechnology to provide the students an insight to the nucleic acid manipulation, basic cell techniques with their impacts on the human health and environment for overall improvement of socioeconomic status of individuals at local and national level.

Program Outcomes :

After getting AD in Biotechnology, the students will be able to understand various aspects of biotechnology and their utilization for the welfare of human society. They will have capability to use biotechnological techniques in diagnostic and research activities and solution of biotechnological problems.

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.18
ENG 100	Functional English	3-0
GS 123/240	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
MA 100	Mathematics – I (Pre-Calculus)	3-0
GE 110	Introduction to Philosophy	2-0
MB 100	General Microbiology–I	2-1
NS 201	Fundamentals of Biology	2-1
GE 205	Civics & Community Engagement	1-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
ENG 116	Expository Writing	3-0
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 110	Mathematics – II (Calculus)	3-0
CH 110	Biochemistry - I	2-1
IT 107	Applications of ICT	2-1
BT 202	Fundamental of Biotechnology	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.17
CH 102	Biochemistry-II	2-1
BT 325	Immunology	2-1
GE 307	Entrepreneurship	2-0
MB 101	Microbial Biotechnology	3-0
BT 204	Genetics	2-1
BIO 201	Radio Biology	2-1

4th Semester

Course Code	Course Title	Cr. Hrs.17
CH 214	Organic Chemistry	2-1
BT 232	Ecosystem	2-1
BT 315	Animal Biotechnology	2-1
CH 316	Physical Chemistry	2-1
BIO 224	Biosafety & Bioethics	2-0
BIO 311	Molecular Biology	2-1

Bachelor of Science in
Biotechnology

Program Code	082	Minimum Duration	8 Semesters, 4 Years
Number of Courses	48 + Research	Maximum Duration	16 Semesters, 8 Years
Credit Hours	142	Minimum CGPA Required To Earn Degree	2.00

Eligibility:

1. **4 Years:** F.Sc (Pre-Medical) or A-Levels with Equivalency Certificate from IBCC Islamabad with at least 45% Marks or equivalent certificate from a recognized institution are eligible to apply.

2. **2 Years:** Candidates holding Associate Degree in relevant discipline with at least 2.00 CGPA on the scale of 4.00 from any recognized university/ institution will join from the 5th semester of their degree program. The scheme from 5th till 8th Semester will be followed.

3. **2.5 Years:** Candidates holding Bachelor degree (14 years of education) with at least 45% marks in annual system or Associate Degree in other than relevant discipline with at least 2.00 CGPA on the scale of 4.00 from any recognized university/ institution will join from the Bridge semester of their Degree program. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Objectives:

To ensure students understanding the principles and methodologies of biotechnology, including genetic engineering, molecular biology, and bioinformatics.

To equip students with practical laboratory skills and hands-on experience with modern biotechnological tools and techniques.

To encourage students to engage in research projects, fostering innovation and the ability to conduct independent scientific investigations.

To develop an understanding of the ethical, legal, and social implications of biotechnological advancements.

To prepare students for careers in biotechnology, pharmaceuticals, healthcare, agriculture, and environmental sectors.

Program Outcomes :

Graduates will be able to demonstrate and explain the molecular mechanisms underlying different biotechnological processes and applications.

Graduates will be competent to perform standard biotechnological laboratory techniques, including DNA/RNA extraction, PCR, gel electrophoresis, cloning, and sequencing.

Graduates will have depth of knowledge of designing and conducting experiments, analyze the data, and interpret results in biotechnological research.

Graduates will emphasize the ethical, legal and social issues related to biotechnology, genetic modification, cloning, and bioethics.

Graduates will exhibit professionalism, teamwork, and effective communication skills in a collaborative environment.

Scheme of Studies:

Bridge Semester (For 2.5 Years Degree)

Course Code	Course Title	Cr. Hrs.15
BT 202	Fundamentals of Biotechnology	2-1
BT 315	Animal Biotechnology	2-1
BT 325	Immunology	2-1
BIO 102	Cell Biology	2-1
BIO 311	Molecular Biology	2-1

1st Semester

Course Code	Course Title	Cr. Hrs.18
ENG 100	Functional English	3-0
GS 123/240	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
MA 100	Mathematics – I (Pre-Calculus)	3-0
HS 112	Medical Biochemistry	2-1
MB 100	General Microbiology–I	2-1
BIO 102	Cell Biology-I	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
ENG 116	Expository Writing	3-0
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 110	Mathematics – II (Calculus)	3-0
GE 110	Introduction to Philosophy	2-0
IT 107	Applications of ICT	2-1
BT 202	Fundamental of Biotechnology	2-1
GE 205	Civics & Community Engagement	1-1

3rd Semester

Course Code	Course Title	Cr. Hrs.17
NS 201	Fundamentals of Biology	2-1
BT 325	Immunology	2-1
CH 214	Organic Chemistry-I	2-1
MB 101	Microbial Biotechnology	3-0
BT 204	Genetics	2-1
GE 307	Entrepreneurship	2-0

4th Semester

Course Code	Course Title	Cr. Hrs.17
CH 223	Organic Chemistry-II	2-1
BT 232	Ecosystem	2-1
BT 315	Animal Biotechnology	2-1
CH 316	Physical Chemistry	2-1
BIO 224	Biosafety & Bioethics	2-0
BIO 311	Molecular Biology	2-1

5th Semester

Course Code	Course Title	Cr. Hrs.18
MA 303	Statistical Methods	3-0
BT 331	Plant Physiology	2-1
BIO 322	Molecular Biology-II	2-1
BT 317	Principles of Biochemical Engineering	2-1
BT 332	Analytical Chemistry & Instrumentation	2-1
GS 333	Environmental Policy	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.18
BT 334	Genetic Resources & Conservation	2-1
BT 324	Cell & Tissue Culture	2-1
BT 322	Plant Biotechnology	2-1
BT 408	Food Biotechnology	2-1
RES 380	Research Methodology	3-0
CS 338	Bioinformatics	2-1

7th Semester

Course Code	Course Title	Cr. Hrs.18
BT 410	Health Biotechnology	2-1
BT 302	Recombinant DNA Technology	2-1
BT 418	Proteomics and Genomics	2-1
BT 355	Environmental Biotechnology	2-1
BT 414	Oncology	2-1
RES 491	Research Project (Phase I)	0-3

8th Semester

Course Code	Course Title	Cr. Hrs.18
BT 427	Nanobiotechnology	2-1
BT 330	Industrial Biotechnology	2-1
BT 421	Medical Genetics	2-1
BT 429	Pharmaceutical Biotechnology	2-1
BIO 201	Radio Biology	2-1
RES 492	Research Project (Phase II)	0-3

Associate Degree in
Microbiology

Program Code	159
Number of Courses	24
Credit Hours	68

Minimum Duration	4 Semesters, 2 Years
Maximum Duration	10 Semesters, 5 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility:

F.Sc (Pre-Medical) or A-Levels with Equivalency Certificate from IBCC Islamabad with at least 45% Marks or an equivalent certificate from a recognized institution, are eligible to apply. Candidates will have to pass an entry test and aptitude interview conducted by the University.

Program Objectives:

The Two year microbiology program is designed in accordance with the guidelines provided by Higher Education Commission, Islamabad, Pakistan to impart the students an insight into the microbial world, their diversity, manipulation and importance in health, agriculture, environment quality for the overall uplift of socio-economic status of community at local and national level.

Program Outcomes :

After successful completion of the Associate Degree the students will have theoretical and practical concepts in basic and applied microbiology. They will be able to identify, isolate, manipulate and culture microbes in the laboratory. The students will gain experience in microbial techniques to be used in analyzing the health and other problems due to microbes.

Scheme of Studies:

1st Semester

Course Code	Course Title	Cr. Hrs.17
ENG 100	Functional English	3-0
GS 123/240	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
MA 100	Mathematics – I (Pre-Calculus)	3-0
HS 112	Medical Biochemistry	2-1
MB 100	General Microbiology-I	2-1
BIO 102	Cell Biology	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
ENG 116	Expository Writing	3-0
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 110	Mathematics – II (Calculus)	3-0
GE 110	Introduction to Philosophy	2-0
IT 107	Applications of ICT	2-1
MB 101	Microbial Biotechnology	2-1
GE 205	Civics & Community Engagement	1-1

3rd Semester

Course Code	Course Title	Cr. Hrs.18
NS 201	Fundamentals of Biology	2-1
MB 215	Gen. Immunology	2-1
MB 212	Gen. Microbiology – II	2-1
MB 222	Mycology	2-1
MB 213	Bacterial Genetics	2-1
MB 220	Human Physiology-I	2-1

4th Semester

Course Code	Course Title	Cr. Hrs.16
MB 204	Bio-Safety and Risk Management	2-0
BT 336	Immunobiology	2-1
GE 307	Entrepreneurship	2-0
MB 223	General Microbiology – III	2-1
MB 221	Human Physiology – II	2-1
MB 207	Clinical Bacteriology	2-1

Bachelor of Science in
Microbiology

Program Code	019	Minimum Duration	8 Semesters, 4 Years
Number of Courses	45 + Research Project	Maximum Duration	16 Semesters, 8 Years
Credit Hours	141	Minimum CGPA Required To Earn Degree	2.00

Eligibility:

1. **4 Years:** F.Sc (Pre-Medical) or A-Levels with Equivalency Certificate from IBCC Islamabad with at least 45% Marks or equivalent certificate from a recognized institution are eligible to apply.

2. **2 Years:** Candidates holding Associate Degree in relevant discipline with at least 2.00 CGPA on the scale of 4.00 from any recognized university/ institution will join from the 5th semester of their degree program. The scheme from 5th till 8th Semester will be followed.

3. **2.5 Years:** Candidates holding Bachelor degree (14 years of education) with at least 45% marks in annual system or Associate Degree in other than relevant discipline with at least 2.00 CGPA on the scale of 4.00 from any recognized university/ institution will join from the Bridge semester of their Degree program. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Objectives:

To ensure students gain a comprehensive understanding of microbial systems, including physiology, genetics, ecology, and pathogenesis.

To equip students with advanced technical skills in microbiology laboratory techniques, including the use of modern tools and methodologies.

To encourage students to engage in research projects, fostering innovation and the ability to conduct independent scientific investigations.

To instill a strong sense of ethical responsibility and an understanding of the social implications of microbiological research and practice.

To prepare students for diverse career paths in microbiology, including roles in healthcare, biotechnology, environmental science, and public health.

Program Outcomes :

Graduates will be able to demonstrate a thorough understanding of microbial physiology, genetics, ecology, and pathogenesis, and how these principles apply to real-world scenarios.

Graduates will efficiently apply advanced microbiological techniques, such as CRISPR, metagenomics, and bioinformatics, to conduct experiments and analyze data accurately.

Graduates will be competent to design and conduct experiments, analyze data, and interpret results in microbiology research.

Graduates will have the depth of Knowledge to recognize and address ethical issues in microbiology research and practice, demonstrating an awareness of the social implications and global impact of microbiological work.

Graduates will demonstrate the knowledge, technical skills, and professional competencies necessary for successful careers in microbiology and related fields, including effective communication and teamwork abilities.

Scheme of Studies:

Bridge Semester (For 2.5 Years Degree)

Course Code	Course Title	Cr. Hrs.15
MB 100	General Microbiology	2-1
MA 100	Mathematics-I (Pre Calculus)	3-0
MB 213	Bacterial Genetics	2-1
MB 215	General Immunology	2-1
BIO 102	Cell Biology	2-1

1st Semester

Course Code	Course Title	Cr. Hrs.17
ENG 100	Functional English	3-0
GS 123/240	Islamic Studies/Values, Ethics & Society (For Non Muslims)	2-0
MA 100	Mathematics – I (Pre-Calculus)	3-0
HS 112	Medical Biochemistry	2-1
MB 100	General Microbiology-I	2-1
BIO 102	Cell Biology-I	2-1
QT 100	Quran-e-Majeed Teaching (Audit Basis)	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
ENG 116	Expository Writing	3-0
GE 109	Ideology & Constitution of Pakistan (Pakistan Studies)	2-0
MA 110	Mathematics – II (Calculus)	3-0
GE 110	Introduction to Philosophy	2-0
IT 107	Applications of ICT	2-1
MB 101	Microbial Biotechnology	2-1
GE 205	Civics & Community Engagement	1-1

3rd Semester

Course Code	Course Title	Cr. Hrs.18
NS 201	Fundamentals of Biology	2-1
MB 215	Gen. Immunology	2-1
MB 212	Gen. Microbiology – II	2-1
MB 222	Mycology	2-1
MB 213	Bacterial Genetics	2-1
MB 220	Human Physiology-I	2-1

4th Semester

Course Code	Course Title	Cr. Hrs.16
MB 204	Bio-Safety and Risk Management	2-0
GE 307	Entrepreneurship	2-0
BIO 212	Cell Biology-II	2-1
MB 223	General Microbiology – III	2-1
MB 221	Human Physiology – II	2-1
MB 207	Clinical Bacteriology	2-1

5th Semester

Course Code	Course Title	Cr. Hrs.18
MA 219	Biostatistics	3-0
MB 342	Soil Microbiology	2-1
MB 340	Microbial Taxonomy	2-1
MB 334	Food Microbiology	2-1
MB 338	Microbial Anatomy & Physiology	2-1
MB 430	Medical Microbiology	2-1

6th Semester

Course Code	Course Title	Cr. Hrs.18
MB 344	Fresh Water Microbiology	2-1
MB 343	Environmental Current Issues	3-0
BT 335	Environmental Biotechnology	2-1
MB 230	General Virology	3-0
RES 380	Research Methodology	3-0
CS 338	Bioinformatics	2-1

7th Semester

Course Code	Course Title	Cr. Hrs.18
MB 438	Molecular Mechanisms of Antimicrobial Drugs	2-1
MB 332	Epidemiology	2-1
MB 426	Techniques in Microbiology	2-1
MB 434	Molecular Immunology	2-1
MB 422	DNA Damage, Repair And Carcinogenesis	2-1
RES 491	Research Project (Phase I)	0-3

8th Semester

Course Code	Course Title	Cr. Hrs.18
MB 440	Diagnostic Virology	2-1
MB 442	Environmental Microbiology& Public Health	2-1
MB 450	Microbial Enzyme Technology	2-1
MB 446	Genetic Engineering	2-1
BT 336	Immunobiology	2-1
RES 492	Research Project (Phase II)	0-3

ADMISSION PROCESS

1. Application/ Admission Procedure

   University offers undergraduate admissions bi-annually in the Fall and Spring Semesters (other than Nursing, Engineering and Pharmacy Programs, which are offered once a year in Fall Semester) in accordance with the following procedure:

   1.1 Admission to undergraduate programs of the University shall be advertised by the Directorate of Admissions in consultation with Concerned Heads of Departments / Directors of Institutes.

   1.2 The Candidate shall meet the eligibility criteria as mentioned against the program of interest.

   1.3 Prospectus along with admission forms are available on the website, at TCS outlets of Khyber Pakhtunkhwa, and Main Campus of the University.

   1.4 Application for admission must be made on the form enclosed within the prospectus. Photocopy or computer print will not be accepted. In case candidates apply online, they should submit hard copy of online submitted form only with all required credentials to the directorate of Admissions on or before prescribed dates mentioned in the advertisement.

   1.5 Each candidate shall submit only one application. The applicant shall clearly mention the choices of the programs of interest.

   1.6 Applications for admissions shall be submitted online through website or physically to the Directorate of Admissions within the prescribed period.

   a. Receipt of online application shall be acknowledged through text message on the cell number given in the application form.

   b. Receipt of application submitted through surface mail (by post/courier service) shall be acknowledged via text message on the cell number given in the application form.

   c. Receipt of application submitted on campus shall be acknowledged at the time of submission.

   1.7 The University reserves the right to reject any application received after due date and allotted time and/or found deficient in any respect.

   1.8 Incomplete Applications in any respect will not be considered.

   1.9 The number of students to be admitted shall be determined by the Head of Department/Director of institute in consultation with concerned Dean, Competent Authority as per allocated seats.

   1.10 Entry Test/Interview are to be conducted as per the respective Department/Institute Policy.

   1.11 Merit lists will be uploaded on the University's Website, other official social media platforms, and Directorate of Admissions Notice Board.

1.12 Two sets of attested copies of certificates, testimonials and four colour photographs (White background) should be attached with the application form.

1.13 Hard copies of the online submitted application form along with all required credentials should be submitted by the selected applicant to the Directorate of Admissions on or before prescribed dates as per advertisement.

1.14 According to merit list(s), the selected candidates shall be required to submit their original credentials to the Admissions Committee for verification. An Admissions Committee shall consider the applicants for admission to different programs on the basis of academic record, entry / aptitude test and or interview of the candidates. After successful scrutiny of the documents, the Admission Committee shall issue invoices to the selected candidates.

1.15 The admission of a candidate to a program shall initially be provisional, to be confirmed after:

i.   verification of testimonials / documents,

ii.   removal of course deficiencies, if any.

1.16 Applicants and their parents shall give an undertaking to abide by the Rules and Regulations of the University and such instructions as may be issued by the Competent Authority of the University from time to time.

1.17 Responsibility of correctness of the provided data in the application form shall rest upon the applicant. In case of any discrepancy or false information provided in application form/submitted documents, the admission shall be cancelled at any stage of the degree program.

1.18 In order to secure admission, the selected student shall deposit Admission Fee along with Tuition Fee of the first semester in designated branch of the authorized bank of the University by the due date given in the invoice.

1.19 Applicants with a Bachelors (2 years) or Associate Degree completed in Annual System whether their qualification is relevant or irrelevant to the subject program will be required to study a bridge semester/additional courses in order to complete at least 130 credit hours (as only 50 credit hours of their previous Annual Mode degree will be considered). In case of relevant qualification in annual mode, the concerned Department will decide the courses to be taken in the appropriate semester. In addition, candidates must have studied compulsory subjects of Islamic Studies and Pakistan Studies / Ideology of Pakistan in their Bachelors/Associate Degree, otherwise, they will be required to study these subjects at SUIT in order to overcome the deficiency.

2.   **Restrictions and Declarations**

2.1   Candidates punished by their previous institutions or universities on account of indiscipline or undesirable activities (major penalties) shall not be admitted in the University .

2.2   The authority concerned may refuse admission to a student who, in its opinion, has malafide intentions or undesirable background.

4. Procedure for Admission of Foreign Students

   Non-Pakistani candidates desirous of joining Sarhad University are required to produce the following documents:

   4.1. For Provisional Admission

       i.   No Objection Certificate (NOC) from the Pakistan Embassy in the respective foreign country .

       ii.   Duly-filled HEC Admission Proforma for Foreign Candidates.

       iii.   Copy of valid Passport along with Visa.

       iv.   Photocopies of all previous educational certificates/degrees attested by the concerned Embassy and Pakistan Foreign Office.

       v.   Equivalence Certificate for Higher Secondary School Certificate (12-years of education) from the Inter Board Committee of Chairmen (IBCC), Plot No. 25, Street 38, G-10/4, Near Federal Government Employees Housing Foundation, Islamabad (Pakistan), Phone No: 051-9106630-36.

       vi.   English Language Proficiency Certificate from the Pakistan Embassy in the respective foreign country .

   4.2. For Confirmed Admission

       i.   No Objection Certificate (NOC) from Higher Education Commission (HEC) for Admission in concerned degree program.

       ii.   Study VISA for concerned degree program.

5. Admissions Committee

   The following Admissions Committee is responsible to process admissions of all undergraduate programs:

       a.   Head of the concerned Department / Director of the concerned Institute.

       b.   One senior faculty member, other than Lecturer, to be nominated by the Dean of the concerned Faculty.

       c.   Director Admissions.

IMPORTANT RULES & REGULATIONS

1.1 Enrolment in Semester / Term

a.   At the beginning of each semester/ term, a student must enroll in courses of studies on the prescribed enrolment form.

b.   The enrolment shall not be deemed complete unless a student makes payment of all prescribed fees and submits the course enrolment form.

c.   Enrolment and fee payment shall be completed by the dates notified for this purpose, provided the authority concerned may, in special circumstances and on the payment of a late fee of Rs. 5,000/-, permit a student to enroll within 3 weeks after the commencement of a semester/ term. This permission of late admission/ enrolment shall be at the student's risk who shall be responsible to make up for the deficiency on his/her own.

d.   A student admitted to a program shall, for so long as he/she has not completed all requirements for the degree, enrol himself/ herself for each semester/ term, failing which his/her admission shall stand cancelled. In case he/she desires readmission, he/she shall have to apply afresh. The concerned authority may re-admit such a candidate, or refuse admission if reasons advanced are not convincing.

e.   A student who discontinues with permission may seek readmission in the same or subsequent semester/ term on the recommendations of the concerned faculty/ department/ institute and approval of the Competent Authority.

f.   A student shall not be allowed to enrol in a course having a pre-requisite course unless he/she passes that pre-requisite course.

g.   Course Audits: Students enrolled at Sarhad University may, on recommendations of their advisors/ tutors and approval of the concerned Dean/ Head of Department / Director of Institute, audit courses. Such students shall not receive any credit for the courses taken on audit basis. In order for a successful audit to show on a student's academic record (transcript), the student shall comply with all requirements specified by the teacher/ concerned department. Failure in meeting such requirements may lead to award of letter grade W (for withdrawn). Successful audit shall be indicated by letter grade V (for verified). Students registering for courses on audit basis shall pay tuition fees at the regular rate.

h.   In some programs, the theory and lab components are treated as separate courses. In such a case, if the theory component of a course (say Level I) is pre-requisite for the next higher course (Level II), enrolment in theory and lab components of Level II course shall be allowed only if the theory component of Level I is passed. A student who has failed theory of Level I, but passed lab of Level I shall neither be allowed to enrol in theory nor lab of Level II.

i.   The courses will be offered subject to the availability of the faculty and reasonable number of students.

1.2   Freezing of Semester/Term

a.   A bonafide student of the University may apply in person, or through parents/ guardian, for freezing of a regular semester, within five weeks from the date of commencement of semester, provided the student has paid the semester dues by the prescribed date. No fee shall be paid when the student subsequently enrols in the next semester except for the difference of fee of the semester frozen and the semester in which the student enrols.

b.   If a student freezes semester(s), he/she shall resume his/her studies from the same stage where he/she left (froze).

c.   If a student is not enrolled in any course in a semester, he/she shall not be considered a regular student of the University in that period. The student may then enrol in the courses in a subsequent semester; however, he/she shall meet pre-requisites of any course taken. Further, the University is not required to offer all courses in each semester.

d.   In special hardship cases, the University may develop any criteria for freezing a semester with the prior permission of

the Competent Authority. Medical certificate shall be duly issued by Government Hospital Doctor/ Physician.

e.   The duration of freezing is one year; a candidate who gets a semester frozen can get readmission next year with the upcoming session.

f.   Freezing of first semesters shall not be allowed.

g.   Under special hardship circumstances, freezing of first semester may be considered with the approval of the Competent Authority.

.   Iddat
.   Maternity
.   Death in the immediate family
.   Any other situation, subject to acceptance on justified rationale.

Note: Freezing of semester shall only be allowed after successful completion of 1st Semester.

2. Cancellation of Admission

Admission shall be cancelled if:

1.1   A bonafide student of the University applies in person, or through parents/guardian, for cancellation of admission on a non-judicial stamp paper , duly attested by an Oath Commissioner . The Vice Chancellor shall cancel the admission of the student on the recommendation of the Head of Department / Director of Institute through the concerned Dean.

1.2   A   student registered in a semester/term remains willfully absent from the classes continuously for a period of 40 days. Such action shall be taken on the recommendation of the Head of the concerned Department.

1.3   If a student enrolls himself / herself in any other program of Sarhad University or some other University/DAI while registered at Sarhad University , his / her admission shall be cancelled immediately .

1.4   On the recommendation of the University Disciplinary/ Un Fair Means Committee the admission can be cancelled with the approval of the Vice Chancellor. However, the concern student can appeal to the Appellate Committee through proper channel.

3. Re-Enrolment

3.1   Semester System

a.   A student receiving F or W grade in any course shall be required to re-enrol in that course. A student receiving C, D or D+ grade in a course may also re- enrol in that course, subject to a maximum of one chance to improve his/her grade.

b.   A department may offer Repeated Courses (over and above the regularly scheduled courses with total credit hours not exceeding 18 for two/ four-Year degree programs and 22 credit hours for five-year degree program) during a regular semester to facilitate re-enrolling students. However, minimum number of students re-enrolling shall be 10; otherwise, the course shall be dropped.

c.   A student may re-enrol for a maximum of 2 courses during the Summer Semester. During a regular semester (Spring/Fall), a student may re-enrol for a course (in addition to the prescribed courses) on the payment of prescribed fee provided the maximum credit hours limit is not violated.

d.   If a course is abolished due to revision in curriculum or scheme of studies, the Head of Department / Director of Institute may recommend a relevant course from the existing curriculum as replacement for the

candidates who need to re- enrol in the abolished course. The same shall be reflected in the students' Registration Forms and Transcripts.

3.2 Term System

a. A student receiving F grade in any course shall be required to re-enrol in that course. A student receiving up to 64 marks in a course may also re-enrol in that course, subject to a maximum of one chance to improve his/her marks.

b. A department may offer Repeated Courses (over and above the regularly scheduled courses and total courses not exceeding 7) during a regular term in order to facilitate the students. However, the number of re-enrolment students must be at least 5 or with the approval of the Dean on the recommendation of the Head of Department / Director of Institute. Otherwise, the course shall be dropped.

c. During a regular term a student may re-enrol for courses (in addition to the prescribed courses) on the payment of the prescribed fee provided the maximum limit of courses is not violated.

d. If a course is abolished due to revision in curriculum or scheme of studies, the Head of Department / Director of Institute may recommend a relevant course from the existing curriculum as replacement for the candidates who need to re-enrol in the abolished course. The same shall be reflected in the students' Registration Forms and DMCs.

4. Payment of Dues

At the time of admission, every student shall be required to deposit admission fee, registration fee, security, semester / term enrolment fee, tuition fee, examination fee, lab/chemical charges, and any other fee prescribed in the form of demand draft in the name of Sarhad University Peshawar, or deposit it at specified branch(es) of an authorized bank.

Similarly, for each subsequent semester/ term, dues shall be paid by the prescribed dates. Otherwise, the admission shall be cancelled.

5 (a) Semester System

a. Sarhad University follows the semester system. There are two semesters (Fall and Spring) every year. Each semester is spread over 18 weeks (including examinations). At the end of each semester, two to three weeks are allowed for the compilation of results. Students promoted to the next semester have to complete their enrolment during the first week of each semester. Admissions are announced in August for the Fall semester usually commencing in October/November, whereas admissions for the Spring semester are announced in February. The Spring semester usually commences in April each year.

b. The University may plan a crash semester (Summer Semester) of eight weeks during the summer break. Students who are interested to reappear and clear their failed courses / or want to improve grade shall be afforded the opportunity to do so during the Summer Semester. A student shall be allowed to take maximum two courses during the Summer Semester.

c. While all degree programs have their specific durations, number of courses, and credit hour requirements, in general, a four-year degree program requires the completion of about 130 credit hours usually in eight semesters, whereas a two-year degree program requires the completion of more than 66 credit hours, usually in four semesters.

d. By definition, a credit hour means teaching a theory course for one hour each week throughout the semester (provided the semester duration is at least 16 weeks excluding examinations). One credit hour in laboratory or experimental work requires contact of three hours per week throughout the semester. The

credit hours are denoted by two digits with a hyphen in between. The first digit represents the theory part, whereas the second (right side) digit represents the practical. Thus, 3-0 means three credit hours of theory, whereas 3-1 means a total of four credit hours, of which three credit hours are for theory and one credit hour is for laboratory. The weekly contact hours of a 3-0 course shall be three, the contact hours of a 3-1 course shall be six, and the contact hours of a 1-2 course shall be seven. The contact hours during the crash (Summer) semester shall be doubled to ensure that the course is completely taught in the semester with half the duration as compared to a regular (Fall or Spring) semester.

e. (I). In accordance with the directive of the Government of Pakistan issued vide HEC Letter No. HEC/Curr/SR-533/2023/4520, teaching of the Holy Quran to Muslim Students will be completed during the course of each program.

(ii). Those students will be exempted from the above condition who have already studied Holy Quran previously, subject to submission of any relevant certificate / diploma issued by Wifaq Ul Madaris Al Arabia, Pakistan / DAI.

5(b) Term System

a. In the Term System, examination is conducted within six months. Thus, two term examinations are conducted in a year. Evaluation of the students is made on the basis of these two examinations.

b. (I). In accordance with the directive of the Government of Pakistan issued vide HEC Letter No. HEC/Curr/SR-533/2023/4520, teaching of the Holy Quran to Muslim Students will be completed during the course of each program.

(ii). Those students will be exempted from the above condition who have already studied Holy Quran previously, subject to submission of any relevant certificate / diploma issued by Wifaq Ul Madaris Al Arabia, Pakistan / DAI.

6. Withdrawal/Change of Course(s)

a. When a course, for which a student has enrolled, cannot be offered according to the announced program, the student may take an alternative course. However, this shall be done no later than 15 days after the date of enrolment.

b. A student, with the consent of the concerned Dean/ Head of Department/Director of Institute, may be allowed to:

(i) Change a course within 7 days of the commencement of a semester/ term, and

(ii) Drop a course within 5 weeks of the commencement of a regular semester/ term. No fee shall be paid when a dropped course is taken at a later stage.

c. A student, with the consent of the concerned Dean/ Head of Department/Director of Institute, shall be allowed to withdraw from a course at the latest by the end of the 12th week of the commencement of a regular semester/ term. Withdrawn courses shall appear on the transcript with letter grade W. Students shall have to pay the requisite fee when taking a course from which they had withdrawn earlier.

7. Attendance

a. A student at the Main Campus shall have attended at least 75% of the classes held in a course in order to be allowed to sit in the final examination. The student shall meet higher attendance requirement if the requirement established by the concerned council is greater than 75 %.

b. A student having less than 75% attendance, but more than 60% attendance in a particular course and having made up the deficiency in consultation with the concerned teacher, may be allowed by the concerned Dean/ Head of Department/Director of Institute to take the final examination. This clause is not applicable if the attendance requirement established by the concerned council is greater than 75%.

c. Students having class attendance less than 60% in a particular course shall be required to repeat the course when it is

offered again.

8(a)   Examinations (Semester System)

a.   At the Campus, the examination papers for the midterm and final examinations shall usually be set by the subject teacher and submitted to the Head of Department / Director of Institute. The Head of Department / Director of Institute may decide to have the papers set externally. In any case, the Head of Department / Director of Institute shall check the paper for course coverage and appropriate depth and, when satisfied, forward the paper to the Controller of Examinations. Otherwise, the Head of Department / Director of Institute shall refer the paper back to the paper setter for revision.

b.   In each semester, a student's academic progress and standing shall be determined through quizzes, midterm and final examinations, presentations, assignments, and lab reports. These modes of evaluation shall have different weightages and shall contribute towards the overall assessment in percentage marks. The weightages shall be determined by the teacher concerned on the basis of the following guidelines:

Nature of Evaluation	Course with Lab	Theory Course	Lab
Quizzes	5 – 10 %	5 – 15%	---------
Midterm Examination	20 – 30%	30 – 40%	15 – 20%
Presentations and Assignments	5 – 10%	5 – 10%	---------
Lab Work	------------	-----------	25 – 30%
Viva	------------	------------	15 – 20%
Report	------------	-----------	0 – 10%
Final Examination	30 – 60 %	35 – 60 %	20 – 30 %

c.   In-semester evaluation will be based on quizzes, midterm examination, presentations and assignments, and lab work.

d.   In case a student joins a course after it has started, he/she shall be responsible for any missed lectures, quizzes, assignments, projects and lab work. The marks in the missed quizzes shall be zero, whereas assignments, projects, and lab work may be arranged in consultation with the concerned teacher/Head of Department / Director of Institute.

e.   No make-ups shall be arranged for the quizzes and midterm examinations.

f.   Make-up for the final examination in a course shall be arranged only if a student has been awarded letter grade I in that course.

8(b)   Examinations (Term System)

At the campus, the examination paper for midterm and final examinations shall usually be set by the subject teacher and submitted to the Head of Department / Director of Institute. The Head of Department / Director of Institute may also decide to have the papers set externally. In any case, the Head of Department / Director of Institute shall check the paper for course coverage and appropriate depth and, when satisfied, forward the paper to the Controller of Examinations. The Head of Department / Director of Institute may refer the paper back to the paper setter for revision. In each term, students shall be required to appear in quizzes, written tests, final examination, and make presentations, participate in group discussions and submit assignments/lab reports by the set dates. These (to be determined by the teacher concerned) shall have different weightages and contribute towards the overall assessment in percent marks.

9(a)   Grading Policy (Semester System)

a.   At the end of each semester, the students shall be awarded letter grades A, B+, B, C+, C, D+, D, or F based on the

percent marks earned in each course. Letter grades W (for withdrawal), I (for incomplete), S (for satisfactory), U (for unsatisfactory), V (for verified) shall not count towards GPA computation. The grade points corresponding to these grades are:

Percent Marks	Letter Grade	Grade Point	Remarks
85 - 100	A	4.00	Excellent
78 - 84	B+	3.50	Outstanding
70 - 77	B	3.00	Good
65 - 69	C+	2.50	Above Average
60 - 64	C	2.00	Average
55 - 59	D+	1.50	Below Average
50 - 54	D	1.00	Poor but Passing
< 50	F	0.00	Failing
-	I	-	Incomplete
-	W	-	Withdrawn
-	S	-	Satisfactory
-	U	-	Unsatisfactory
-	V	-	Verified

b.   The Dean/ Head of Department / Director of Institute of the concerned Faculty/ Department/ Institute may decide to use curving for the award of letter grades instead of using fixed percentages tabulated above.

c.   Seminars and field-work shall be graded Satisfactory (S) or Unsatisfactory (U) instead of letter grades carrying numerical values.

d.   Courses taken on Audit Basis shall show up on the transcript with letter grade V (for verified) and shall not contribute towards GPA computation.

e.   A student, who fails to complete a course for reasons beyond his/her control, may be granted letter grade I. In that case, if the student has secured passing marks in the in-semester evaluations, his/ her make-up final examination shall be conducted to enable him/ her to complete the course and earn a grade. In case, the student has not been able to appear or has failing marks in the in-semester evaluations and is not in shortage of attendance, he/ she shall have to take the course again. The letter grade I shall subsequently be replaced by the earned grade.

f.   Students receiving F grade in any course shall have to repeat the course whenever it is offered again. A student obtaining a D or D+ grade in a course may also repeat that course, if necessary, to improve his/her CGPA. In case of repeated courses, all grades earned by the student shall appear on the transcript; however, only the best grade shall be counted for computation of GPA.

g.   A student not allowed to appear in the final examination of a course due to shortage of attendance shall be deemed to have obtained zero marks in the final examination. The grade shall be awarded based on the student's sessional and midterm examination marks.

9(b) Grading Policy (Term System)

Grades	Percent Marks	Remarks
A+	80% Marks and above	Distinction
A	70% and above but below 80%	Excellent
B	60% and above but below 70%	Very Good
C	50% and above but below 60%	Good
D	45% and above but below 50%	Fair
E	Less than 45% to minimum	Satisfactory

10. Computation of Semester and Cumulative GPA

Semester and cumulative Grade Point Averages (GPAs) shall be calculated using the following relationships: The GPAs shall be on a scale of 4.00. The semester GPA shall have three digits after decimal (e.g., 2.835), whereas the cumulative GPA will have two digits after decimal (e.g., 2.84).

$$GPA = \frac{\text{Sum over Semester (Course Credit Hours x Grade Points Earned)}}{\text{Total Semester Credit Hours}}$$

$$CGPA = \frac{\text{Sum over all taken (Course Credit Hours x Grade Points Earned)}}{\text{Total Credit Hours Taken}}$$

10(a) Transcript (For Semester System)

Provisional transcripts shall be issued to all students free of charge within four weeks of declaration of semester result. Official transcripts shall be issued on the completion of the degree program or on request, provided the requisite fee is paid. Additional copies of the transcripts may also be obtained on the payment of the requisite fee. Mode of education, (i.e. On- campus/Distance/Sub campus) and place of study shall be mentioned on the transcript.

10(b) DMC (Detailed Marks Certificate) (For Term System)

Provisional DMC shall be issued to all students free of charge within four weeks of declaration of term results. Official DMC shall be issued on the completion of the degree program or on the payment of the requisite fee. Additional copies of the DMC may also be obtained on the payment of the requisite fee. Mode of education (i.e. On-campus/Distance/ Sub campus) and place of study shall be mentioned on the transcript.

11 (a) Promotion Policy (For Semester System)

a. Students who maintain minimum semester and cumulative GPAs of 2.00 shall be promoted to the next semester. Students of Pharm-D / BS Nursing program with CGPA 2.0 shall be promoted to the next professional year.

b. A student who fails to maintain the above-mentioned GPA/ CGPA shall be promoted to the next semester on Probation, provided his/her semester and cumulative GPAs are not less than 1.50 (Not applicable for Pharm-D / BS Nursing students).

c. A student scoring GPA less than 1.50, but more than 1.00, shall be promoted on Warning. If a student fails to achieve the required GPA/ CGPA after repetition of courses, he/she shall be removed from the University roll.

d. A student scoring GPA less than 1.00 shall be declared Failed and shall be required to repeat the semester

(essentially the courses in which he/ she has grades lower than C). The student may be allowed to take a few courses from those of the next semester. If a student fails to achieve the required GPA/ CGPA after repetition of courses, he/she shall be removed from the University roll.

e. Students shall show satisfactory academics progress in order to remain in good standing. The following rules are meant to ensure that students get timely feedback on their academic progress:

  I. A student who obtains SGPA of less than 2.0 in any semester shall be issued written warning by the Head of Department / Director of Institute. A copy of the warning letter shall be also sent to the parents/guardian.

  II. A student who obtains SGPA of less than 2.0 for three consecutive semesters and his/her CGPA is also less than 2.0 shall have his/her name struck off the rolls of the university and may be readmitted with the junior batch. A written warning of this possibility shall be sent to the student (with copy to the parents/guardian) if his/her SGPA is less than 2.0 for two consecutive semesters.

  III. A student whose CGPA in the first two semesters is less than 1.5 shall not be allowed to register for the third semester until his/her CGPA has improved to 1.5 or more through reappear.

  IV. A student who has earned four or more F grades in the first two semesters and these F grades are still outstanding at the end of the 4th semester with CGPA less than 1 shall not be allowed to register in the 5th semester until he/she passes these courses and improve CGPA to 1.5 or more.

11 (b) Promotion Policy (For Term System)
A student shall be promoted to the next term if he/she passes at least 50% courses.

12. Final Year Project
As part of most of the degree programs, students need to complete projects individually or in groups of size not exceeding three.
Title of the proposed Project:
Title should be a crisp phrase. It should neither be too lengthy nor too brief. It must not include name of some organization or individual.
Example: Software Development for Airline Booking System.

Outline of Proposal:
Give details of major objectives and arguments to justify the project. Provide description of approach/scheme/methodology that is intended to be used for the development of this project.

Duration of Project:
For a four-year degree program, the project shall be completed in two semesters, 7th and 8th. Those pursuing one- or two-year degree program may take project during their last semester. The students shall provide a tentative schedule along with the project break down structure.

Plagiarism policy for undergraduate Final Year Project:
Students must make sure that document they are submitting is in proper documenting style (i.e., IEEE, Chicago, MLA, APA, etc.) and is free of plagiarism.

If the research project report has a similarity index <=30%, then the benefit of the doubt may be given to the author, but, in case, any single source has a similarity index >=5% without citation, then it needs to be revised.

A Project Evaluation Committee, constituted by the Head of Department, shall assess the progress of the project through four presentations by students, each carrying 5% marks. In the first presentation, students shall present the project proposal on prescribed format, whereas in the other presentations, progress reports shall be presented. The presentations shall be scheduled as follows:

First Presentation:	Second week of 7th semester.
Second Presentation:	Midterm exam week of 7th semester.
Third Presentation:	Final exam week of 7th semester.
Fourth Presentation:	Midterm exam week of 8th semester.

The viva voce shall be taken by an Departmental Committee comprising the External Examiner, Project Supervisor of the concerned group, and Head of the concerned Department. Each member shall award marks out of 15% making a total of 45% marks. The Examination Committee shall be appointed by the Vice Chancellor on the recommendation of the Head of the concerned Department.

Note: The evaluation of project shall be carried as follows:

Factors on the basis of which the advisors shall rate progress during the project phase:
- Progress
- Independence of work
- Ingenuity
- Overall Learning
- Complexity

Factors on the basis of which Project Reports shall be evaluated:
- Grammar
- Style
- Report Format
- Problem Statement
- Scope and Limitations
- Procedure
- Raw Data / Computer Code (Report and Diskette)
- Theoretical Background and Sample Calculations
- Graphs and Pictures
- Discussion on Results and Conclusions
- Recommendations
- Overall Learning

Factors on the basis of which Presentation shall be evaluated:
- Project procedure stated briefly and to the point i.e. presentation style and skill
- Continuity and clarity of thought reflected
- Requirements and importance of work clearly specified
- Difficulty level of the project
- Conclusions drawn well-explained
- Technical terms used in talk well-defined and correct
- Answers given to the questions put forward by the Examiner(s)

13. Program Completion & Graduation
   a. For graduation, all F grades have to be cleared. Besides, the minimum qualifying CGPA for undergraduate program students is 2.00/4.00. Faculties/ departments/institutes may impose additional requirements like satisfactory completion of internship, practical training, field work, seminars etc.
   b. To earn B.Sc Engineering Degree, a student shall:
      i. Pass all courses of study prescribed in the relevant scheme of studies.
      ii. Obtain a Cumulative Grade Point Average (CGPA) of at least 2.00.
      iii. Complete Survey Camp by the BSc Civil Engineering students to be conducted by the University and certified by the Head, Department of Civil Engineering/Incharge Survey Camp).
   c. Engineering students shall carry out supervised and evaluated internship of 6-8 week duration in line with elective subjects/ specific stream in the 3rd to 4th year of the engineering program. The internships shall be reflected in the transcripts under a prescribed mechanism and with defined and mapped rubrics program objectives:
      - Attendance (At least, 75% attendance is mandatory)   10%
      - Assessment report from the employer   50%
      - Evaluation at relevant HEI/ Department - Presentation   40%
      - Total   100%
      - Qualifying score in the above assessment   70%
   d. Similarly, Pharm-D students need to meet the clerkship requirement as outlined by their department.

14.1 Transfer of Credits
   a. The policy regarding the acceptance of courses by transfer is to allow credit for courses completed with letter grades C or better (usually, 60% or higher marks) in other recognized Universities.
   b. The transfer student shall file an official transcript of transfer courses and provide other relevant information (course contents/ outlines/ titles of text and reference books) enabling the University to award credit.
   c. An Equivalence Committee comprising three senior faculty members shall oversee such cases. The University may co-opt someone from outside, if necessary. The Committee shall ensure that:
      I. the courses correspond in time and content to the courses offered at Sarhad University,
      ii. the courses being considered for transfer were taken within the last five years.
      iii. the semester duration matches with that of Sarhad University. Thus 16 credit hours taken in a quarter (10 weeks of teaching) shall be considered equivalent to 10 credit hours of a semester of 16 weeks of teaching.
   d. In no case, the transfer credits shall exceed 50% of the overall credit hours for any degree program of interest at Sarhad University.
   e. Applicants shall have to pay the prevalent credit transfer fee.
   f. Transferred /exempted courses shall be reflected on the transcript, but shall not count towards CGPA computation.
   g. Any student taking admission in BS Program after completing 14 years of education under Annual System shall receive 50 credit hours against first 2 years of his/her BS Program and will be required to complete remaining credit hours as per scheme of studies of concerned BS Program to earn 4 years Bachelor degree.

14.2 Exemption Policy
   a. The policy regarding exemption of courses is to allow credit for courses completed with letter grades C or better (usually, 60% or higher marks) in other recognized Universities.
   b. The applicant shall file an official transcript of courses previously taken and provide other relevant information (course contents/outlines/titles of text and reference books) enabling the University to award credits.

c. An Equivalence Committee comprising three senior faculty members shall oversee such cases. The University may co-opt someone from outside if necessary. The Committee is to ensure that:

    i. The courses correspond in time and content to the courses offered at Sarhad University,

    ii. For courses that were taken more than five years back, the contents are still valid and match with those currently being taught.

    iii. The semester duration matches with that of Sarhad University. Thus, 16 credit hours taken in a quarter (10 weeks of teaching) shall be considered equivalent to 10 credit hours of a semester of 16 weeks of teaching.

d. In no case, the credits of exempted courses shall exceed from 50% of the overall credit hours for any degree program of interest at Sarhad University.

e. Applicant shall have to pay the prevalent course exemption fee. Transferred/Exempted courses shall be reflected on the transcript, but shall not count towards CGPA computation.

15. Library

The University has a spacious library with adequate and comfortable seating. It is run by a qualified librarian, and is well-stocked with several thousand books and journals. The following rules, subject to change/ modification by the Library Committee of the University, shall be followed:

a. A card, known as Library Card, shall be issued to each student/person permitted to borrow books from the library. Such cards shall be strictly non-transferable and shall have to be presented at the time of using Library facilities.

b. A borrower who loses his/her card shall immediately inform the Librarian in writing. A duplicate card shall be issued to him/her on the payment of fee of Rs. 500/-.

c. Books shall be issued to the students and staff of Sarhad University of Science & Information Technology, Peshawar, only.

d. Books shall not be transferred from one person to another.

e. If a person obtains more than one membership by concealing the facts or in any other way, his/her subsequent membership(s) shall be cancelled and a fine of Rs. 500/- shall be levied for further usage of the library facilities. No Books shall be issued to a defaulting borrower, unless he/she returns the books borrowed previously and pays the due fine.

f. The borrower who fails to return books at the time of stock-taking shall be liable to fine as decided by the Library Committee.

g. Manuscripts, reference books as well as reserved materials shall not be issued.

h. The borrowers shall have to conduct themselves in an orderly manner. The library administration shall have the right to cancel the membership of a person who misbehaves with the library staff or is found taking away the books/reading material without the knowledge of the Librarian or is involved in such activities which are detrimental to the interest of the library. The library administration can also recall a book, if needed, and the borrowers shall be required to meet any such demand.

16. Laboratories

Sarhad University has modern laboratories with large number of computers and related training tools, in all laboratories and project labs. Students of the University shall observe the following rules.

a. All laboratories shall remain open during the office hours. After office hours, permission may be granted for laboratory use under special circumstances.

b. No software shall be installed on laboratory PCs without the prior, written consent of the System Administrator/ Laboratory In-charge.

c. Students shall be allowed to use internet in a laboratory when no class is in progress.

d. All laboratories provide no-smoking environment and hence all are expected to refrain from smoking.

e. Viewing obscene material in the laboratories is strictly prohibited and disciplinary action shall be taken against offenders.

f. In case of technical problem, Laboratory In-charge should be immediately approached.

17. Award of University Gold Medal

Gold Medals shall be awarded to students who fulfil the following conditions:

a. Pass all University examinations in the first attempt and complete the course work and research project work along with other requirements of internship/course of Quran-e-Majeed Teaching etc in the prescribed number of semesters/ terms / years.

b. Secure CGPA of at least 3.00 on a scale of 4.00 in Semester System or 1st division in Term/Annual System.

c. Secure Highest CGPA in his/her discipline. In case of tie between two or more students, aggregate marks obtained in all examinations shall form the basis. If still there is a tie, more than one Gold Medal shall be awarded.

d. Transferred/ migrated student(s) or those who improve their grades by appearing in makeup or regular examinations shall not be entitled for award a Gold Medal.

e. Candidate in any discipline or UFM case by the University or Disciplinary Committee or Unfair Means Committee.

18. Rechecking / Re-Totalling

Any student, who is not satisfied with his/her marks /grade in a course may apply for rechecking within 15 days of the declaration of result. Application for rechecking shall be accepted on payment of registration dues (Rs. 1000/- per course). Initially, only re-totalling shall be performed and the paper examined for any unchecked/unmarked portion. If some portion is found unchecked, the paper shall be sent to the concerned grader for rechecking/ re-marking. In case the students marks are enhanced as a result of rechecking/ re-totalling, the fee paid by him/ her shall be refunded.

19. Conduct & Discipline Regulations

a. These regulations framed as under may be called "The University Students/Scholars Conduct and Discipline Regulations". The University Discipline Committee constituted by the Vice Chancellor shall have the authority and jurisdiction to deal with and decide all cases of indiscipline in accordance with the University Students/Scholars Conduct and Discipline Regulations.

b. Applicability and Commencement: These regulations shall apply to all students on the rolls of the University.

c. Students, Code of Conduct: Every student shall observe the following code of conduct:-

i. Faithfulness in his/her religious duties and respect for the convictions of others in matters of religion, conscience and customs.

ii. Loyalty to Pakistan and refraining from doing anything which might lower its honour and prestige in any way.

iii. Truthfulness and honesty in dealing with others.

iv. Respect for elders and politeness to all, especially to women, children, old people, weak, deformed and the helpless.

v. Respect for teachers and others in authority in the University.

vi. Cleanliness of body, mind, speech and habits.

vii. Helpfulness to fellow beings.

viii. Devotion to studies and sports.

ix. Protection of public and private property.

d. Prohibited Acts

The students shall refrain from:

i. Smoking and use of mobile phone in classrooms, laboratories, workshops, examination halls, Convocation Hall, and during study and academic functions.

ii. Using or carrying alcoholic drinks or other intoxicating drugs within the University campus/ University hostels, during instruction, sports/cultural tours, survey camps, entering such places, attending any such tour camp while under the influence of such intoxicants, and any other University/College functions outside the Campus.

iii. Organizing or taking part in any function within the University campus or hostel, or organizing any club or society of students or students' associations, unions and federations, except in accordance with the prescribed rules and regulations.

iv. Collecting any money, receiving funds or pecuniary assistance for, or on behalf, of the University, except with the written permission of the Vice Chancellor.

v. Staging, inciting or participating in any walk-out, strike, or other form of agitation against the University or its teachers or officers, inciting any one to violence, disruption of the peaceful atmosphere of the University in any way, making provocative speeches or gestures which may cause resentment, issuing of pamphlets or cartoons casting aspersions on teachers or staff or the University or University's bodies, or doing anything in anyway likely to promote rift and hatred among various groups or castes of student community, issuing statements in the press making false accusations or lowering the prestige of the University or writing and pasting posters on the walls.

vi. Bringing, carrying and keeping of fire arms or any other weapon (of any nature/type) forbidden by law, within the University Campus, class rooms, hostels and offices.

vii. Causing damage to University property or Government public property.

viii. Use of loud speakers, mega-phones, "decks" etc.

e. Acts of Indiscipline

A student shall be deemed to have committed an act of indiscipline if he/she:

i. Commits a breach of rules of conduct specified above, or

ii. Disobeys the lawful order of a teacher or other person in authority in the University, or

iii. Habitually neglects his work or habitually absents himself/herself from his/her class without valid reason, or

iv. Wilfully damages University (or) public property or the property of fellow students or any teacher or any employee of the University, or

v. Does not pay the fees, fines or other dues payable under the University Regulations and Rules, or

vi. Uses indecent language, wears immodest clothes, makes indecent remarks or gestures, or behaves in a disorderly manner, or commits any criminal, immoral or dishonourable act (whether committed within the University Campus or in University-organized events) or any act which is detrimental to the interest of the University.

f. Procedure in Case of Breach of Discipline

The Registrar may refer an act of indiscipline to the University Discipline Committee for necessary action under the Rules/Regulations.

g. Rustication and Expulsion
    I-   Rustication
        a.   Rustication, whenever imposed on a student, shall always mean the loss of one semester or one academic year as well as appearance in a University examination. The rusticated student may be readmitted in the same program of the University on the expiry of the rustication period.
        b.   Such students shall become ineligible to take admission in any program of the University in future.
    ii-   Expulsion
        a.   The period of expulsion shall be counted from the date of issue of such a notice by the University. Expulsion period may vary.
        b.   Name of the expelled scholar shall immediately be removed from the University's rolls.
        c.   A student expelled from a Department may be re-admitted into the same program after the expiry of the period of expulsion.
        d.   Cases of expulsion shall be registered in the University and notified to all Departments and Universities by the Registrar.
        e.   Such students shall become ineligible to take admission in any program of the University in future.
h. Appeal
    i.   An appeal against the punishment awarded by the University Discipline Committee may be made to the Appellate Committee
    ii.   No appeal by any student against the decision of the University Disciplinary Committee shall be entertained unless it is presented within thirty days from the date on which the decision is communicated to him/her.

Note: This code of conduct shall repeal all previous regulations relating to expulsion and rustication or any other instructions relating to the maintenance of discipline among the students.

I. General
    i.   The authority which has the power to rusticate, can also withdraw the same order before the expiry of the period.
    ii.   No student shall be rusticated/expelled from the University unless he/she has been served with the Show Cause Notice, and allow reasonable time for explanation and replying to the charges framed against him/her.
    iii.   The Discipline Committee may impose any other penalty or penalties mentioned in the Regulations if, in its opinion, the rustication or expulsion is not called for in a case referred to it.

20. Clinical Practice

All courses in which clinical practice/ training is required, will be conducted in the following manner:

Activity Type	Duration	Location	Remarks
Theory + Practical	4 Weeks	University	First Half of Course to be covered before Mid Examinations
*Clinical Practice / Training	4 Weeks	Hospital	Relevant Clinical Practice to be completed before Mid Examinations
Mid Examinations	1 Week	University	To be conducted as per University rules.
Theory + Practical	4 Weeks	University	Second Half of Course to be covered before Final Examinations
*Clinical Practice / Training	4 Weeks	Hospital	Relevant Clinical Practice to be completed before Final Examinations
Final Examinations	1 Week	University	To be conducted as per University rules.

* It is recommended to complete Clinical Practice / Training as per prescribed manner in each semester. However, the same will be arranged as per confirmation by the designated hospitals in each semester.

21. Demotion

In case the student does not satisfy the promotion criteria mentioned in clause 11(a), will get demoted. The HoD shall constitute a committee comprising three senior faculty members which shall oversee such cases. The department may co-opt any university official, if necessary. The Committee shall ensure the following:

i.   Identify the batch/ prospectus under which the concerned student shall continue his/ her degree.

ii.   The scheme of studies indicating all courses and credit hours to be studied by the student to complete degree requirements.

iii. The degree completion requirements after demotion shall be communicated to the student concerned as well as all relevant sections/ departments of the university after the approval of the Competent Authority.

22. Internship

i.   Engineering Degree Programs

As per PEC's requirement, supervised and evaluated internship of 6-8 week duration in line with elective subjects/ specific stream in the 3rd to 4th year of the engineering program is mandatory. (Details are given in Section 18c of the Rules and Regulations.)

ii.   Four-Year Degree Programs (Non-Engineering)

Students are encouraged to undergo internship program of at least 9-week duration at any time after the completion of fourth semester, generally during summer. (A graduate of the AD program who enrolls subsequently in a BS program shall receive credit, if earned during his/ her AD program, towards the fulfilment of internship requirement for the BS program.)

23. Practical Learning Lab (PLL)

i.   Four-Year/ Five Year Degree Programs

Students are encouraged to enroll in at least one non-credit co-curricular program for at least 4 hours per week for at least 4 semesters in one or more of the following three areas: entrepreneurship, youth clubs, and sports. (A graduate

of the AD program who enrolls subsequently in a BS program shall receive credit, if earned during his/ her AD program, towards the fulfilment of the PLL requirement for the BS program.)
ii. Two-Year Associate Degree Programs
Students are encouraged to enroll in non-credit co-curricular program for 4 hours per week for 2 semesters in one or more of the following three areas: entrepreneurship, youth clubs, and sports.
iii. The PLL may be completed by taking part in the following societies of the university:

S. No	Name of Society	Convener / Focal Person
1	Drama, Literary and Debating Society	Engr. Muhammad Faisal Khan, Assistant Professor, Department of Technologies.
2	Health Society	Dr. Inayatullah, Lecturer, SIAHS.
3	Pakistan International Human Rights Organization (SUIT Chapter)	Dr. Syed M. Hassan Shah, Professor, Department of Pharmacy.
4	Sports Society	Dr. Irfanullah Head, Department of Sports Sciences & Phy. Education.
5	Science & Technology Society	Engr. Muhammad Fahim, Assistant Prof., Department of Electrical Engineering.
6	Society for ICT Affairs and Incubation Center	Mr. Maddad Khan, Assistant Professor, Department of Computer Science & IT.
7	Character Building Society	Dr. Muhammad Kamran Khan Assitant Professor, Department Computer Science & IT.
8	Green Club/ Environmental Protection Society	Prof. Dr. Habib-Ur-Rahman Associate Dean, Faculty of Management Sciences.
9	Community Services Society	Mr. Muhammad Arshad Haleem Assistant Professor, Department of English
10	Islamic Value and Ethics Society	Engr. Dr. Obaid-ur-Rehman Associate Professor, Department of Electrical Engg.
11	SUIT Volunteers & Blood Donors Society	Engr. Akif Shah Assistant Registrar (Student Affairs / Security).
12	Library and Book Sharing Society	Syed Arif Ali Shah Assistant Professor, Department of Library & Info. Sciences.

S. No	Name of Society	Convener / Focal Person
13	Society for Women in Science & Education	Ms. Asmarah Kanwal Assistant Professor, Department of Civil Engineering.
14	Girls Affair Society	Ms. Nasreen Ghani Professor, Institute of Nursing Sciences.
15	Photography & Film Making Society	Mr. Muhammad Bilal Lecturer, Department of Urdu.
16	Iqbalians Society	Dr. Muhammad Imtiaz Associate Professor, Department of Urdu.
17	Painting & Fine Arts Society	Ms. Faiza Hassan Head, Department of Art & Design.
18	Adventure Club Society	Dr. Amir Aziz Associate Professor, SIAHS
19	Cultural Society	Mr. Muhammad Irfan Assistant Professor, Department of Business Administration.

Special Provisions:
The University authorities reserve the right to make any change in these Academic Rules at any time without prior notice. In all cases where these Academic Rules are silent, the decisions of the Vice-Chancellor shall be final.

UNIVERSITY CODE OF CONDUCT & DISCIPLINE REGULATIONS
PENALTIES THAT MAY BE IMPOSED BY THE UNIVERSITY AUTHORITIES FOR VARIOUS OFFENCES COMMITTED

OFFENCE	PENALTY
1. Using/carrying of alcoholic drinks or other intoxicating drugs within the University Campus or University Hostels or during Study Tours or Cultural Tours or Survey Camps, any such tours of any other University/College or such outside the campus under the influence of such intoxicants or misbehaving with others, especially females, during tours, etc.	Debar from classes for one week or fine not exceeding Rs. 20000/- OR Expulsion from the University.
2. Organizing or taking part in any function within the University campus or hostel or organizing any club or society of students or students association, unions or federation, except in accordance with the prescribed rules and regulations.	Stern warning and / or Fine not exceeding Rs. 30000/-
3. Collecting any money or receiving funds or pecuniary assistance for or on behalf of the University, except with the written permission of the Vice Chancellor.	All money supposed to have been collected shall be confiscated in favour of the University. AND / OR Fine not exceeding Rs. 30000/-
4. Staging or inciting or forcing fellow students to a walkout from classes or examination halls or organizing, conducting or participating in strikes or agitation or violence against the University authorities or members of teaching or administrative staff or disrupting the classes or any other academic activity of the University being held inside or outside the campus.	Expulsion from the University for one to four semesters/two academic years, depending on the nature and gravity of the crime. AND / OR Fine not exceeding Rs. 30000/-
5. Casting aspersions or using abusive and derogatory language in speeches, pamphlets or posters against the University authorities or members of teaching or administrative staff of the University or physically manhandling, beating or disgracing the University authorities or members of the teaching or administrative staff of the University or committing an act of moral turpitude against fellow students.	Expulsion from the University for one to six semesters/three years, depending on the nature and gravity of the crime. AND / OR Fine not exceeding Rs. 45000/-

6.	Conducting or inciting or participating in a violent attack on the offices of the University authorities, Chairmen, faculty members or any other officers of the University or Student.	Recovery of the amount equal to the value of the damage caused; and / or fine not exceeding Rs. 20000/-. AND / OR Rustication from the University.
7.	Damaging/destroying or trying to damage/destroy the property (movable or immovable) of the University or University employees of Government or any other Public Organization or stealing or taking away by force any item of University property.	Fine not exceeding Rs. 20000/- AND / OR Expulsion from the hostel. Expulsion from the University for a maximum period of two semesters / one year.
8.	Bringing, carrying or keeping or firing of arms or any other weapon (of any nature/type) within the University campus or classrooms or hostels or examination halls or offices of the University.	Fine not exceeding Rs. 20000/-; expulsion from the hostel. AND / OR Expulsion from the University for maximum period of two semester / one year.
9.	Using loudspeakers or mega-phones in the University hostels or on the University campus or making provocative speeches or gestures which may cause resentment or doing anything in anyway which is likely to promote rift and hatred among various ethnic and religious groups or castes of students community or issuing statements in the press, making false accusations against the University or University Authorities or members of teaching staff.	Fine not less than Rs. 10000/- AND / OR Stern warning.
10.	Misbehaving with student and or not cooperating with faculty members, University proctors, Hostel Wardens, and other authorities.	Rustication / expulsion from University.

25. PENALTIES FOR ACTS OF UN-FAIR MEANS IN EXAMINATIONS (CONTINUE)

No.			Report	Status		Penalty
1.	POSSESSION	A	One paper case	Not copied	a. Failed	As per I with fine
					b. Passed	As per I without fine
				Copied	a. Failed	As per I with fine
					b. Pass	As per I with fine
		B	Two papers case	Not copied in both papers	a. Failed in both	As per I in each with fine
					b. Passed in one	As per I in each with fine
					c. Passed in both	As per I in each with fine
				Copied in one paper	a. Failed in both	As per II with fine
					b. Passed in one	As per II with fine
					c. Passed in both	As per I in each with fine
				Copied in both papers	a. Failed in both	As per II with fine
					b. Passed in one	As per II with fine
					c. Passed in both	As per II with fine
		C		Three or more papers case shall be dealt with at a higher punishment level than that provided for two papers case and penalties imposed shall not be less than B above depending upon the nature of the case.		
2.	Page Removal	A		Removal of sheets from scripts or continuation sheet		As per I with fine
		B		Using abusive words in answer books on the report of the Examiner		
		C		Smuggling of question paper outside the hall.		
3.	Cheating by Force	A		Refusing to handover cheating materials.		As per III with Fine
		B		Disobeying Supervisory staff.		
		C		Cheating by force		
4.	Smuggling of Answer Book	A		Smuggling Answer Book or Answer Sheets in / out of the Examination Hall.		As per III with Fine
		B		Misbehaving with the Supervisory staff/ Inspector.		
5.	Firearms / Impersonation	A		Possession or display of firearms		As per IV with Fine and the case may be referred to police.
		B		Impersonation: 1) Real Candidate 2) Impersonator Any act other than above.		

PENALTIES FOR ACTS OF UN-FAIR MEANS IN EXAMINATIONS (CONTINUE)

No.	Report	Status		Penalty
6.	Mobile Phone Case	A	Possession / Holding of mobile	As per I with Fine
		B	Using Mobile	As per I with Fine
7.	Staging / Smuggling of Question Paper	A	Staging a walkout or persuading others to do so.	As per II with Fine
		B	Writing wrong Roll No. to deceive inspector / supervisory staff.	
8.	Threatening	A	Assault on Supervisory staff / Inspector	As per V with a Fine and the case may be referred to police.
		B	Damaging/spoiling/parting other candidates answer book or any other important document/item related to examination.	
9.	Tempering	A	Unauthorized Centre change.	As per II with Fine
		B	Tempering.	As per III with Fine
10.	About Supervisory staff		If any member of the Supervisory staff or inspector is found guilty of an act inconsistent with the fair discharge of his duty shall be liable for disqualification from examination duties for a period of ten years and shall not be entitled for payment of the TA/DA and remuneration for the subject examination.	
11.	Absent in UFM Committee		If a candidate fails to appear before the UFM Committee, the committee will proceed according to the rules and impose relevant penalty as per rules.	
12.			if a candidate practices any other unfair means in connection with an examination not covered by the above Rules & Regulations, he/she may be awarded penalty warranted by the circumstances of the case, provided that the penalty awarded does not exceed the maximum as laid down in the Rules & Regulations mentioned.	

DESCRIPTION OF UFM COMMITTEE PENALTIES:

As per I:This paper is cancelled and Fine up to Rs.2000/-
As per II:This Examination is cancelled and Fine up to Rs.3000/-
As per III:This Examination is cancelled and also disqualified for the next examination and Fine up to Rs.5000/-
As per IV:This Examination is cancelled, fine up to Rs.20000/- and expulsion from the University. *
As per V:This Examination is cancelled, fine up to Rs.25000/- and expulsion from the University.

* If the impersonator is not on the rolls of the university/affiliated institution/DEC but holds a degree or diploma conferred or granted by the University, the Registrar shall register a case with the Local Police under section 419 PPC, and shall send intimation to this effect to the concerned Vice Chancellor for cancellation of his/her Degree/diploma/certificate.

IMPORTANT INSTRUCTIONS FOR STUDENTS DURING EXAMINATIONS

➢ Candidates without Roll Number Slip or whose particulars on the roll number slips do not match with those of the confidential list with the superintendent will not be allowed in the examination centre except with the prior permission of the Competent Authority will not be allowed to take examination.

➢ A candidate shall present himself/herself at the Centre of Examination at least 45 minutes before the time fixed for the first paper and 30 minutes before the time fixed for each subsequent paper(s).
Candidates will not be allowed to enter in the Examination centre after 15 minutes of the start of the paper and no extra time will be given to late comers.

➢ No Candidate can leave Examination centre before half of the time allotted for the paper he/she is appearing in.

➢ Candidate who wants to leave the exam centre early will not be allowed to take question paper along with him/her.

➢ The candidates are required to take the allocated seats only. They may be required/ directed to change their seats during exam by the invigilation staff.

➢ Candidates are not allowed to bring Mobile Phones to the Examination Hall. In special cases if permitted, Mobile/Cellular phones must be switched off, not to be put on silent mode. Any mobile ringing, giving signals will be confiscated. Further Mobile phone cannot be used as a calculator.

➢ Scientific calculator is allowed in all relevant papers. However, computerized/ programmable calculator cannot be used in any paper under any circumstances unless specifically allowed.

➢ No candidate will be allowed to attend washroom during examination without the permission of the superintendent.

➢ Candidates should not write anything on the question paper except their name and roll numbers. All rough work should be done on the answer book.

➢ Exchange of any material (including calculator, pen, pencil, eraser, sharpener, ruler etc) is not allowed during examination.

➢ Only plain clip boards without any prints/writings will be allowed during examination.

➢ No answer book, question paper or paper of any kind is to be fetched out from Examination centre.

➢ Answer book is required to be returned back to the supervisory staff even if no question has been attempted.

➢ Body search of a candidate can be done at any stage during examination.

➢ Candidates shall write Roll number and other particulars before writing anything on the answer book or on the supplementary material provided by the supervisory staff.

➢ Candidate shall not write his/her name on any part of Answer Book. He/she shall not write his/her Roll number except in the space specifically provided for the purpose.

➢ Candidate shall not write on the question paper or on the blotting paper, or any part of his body, clothes or other material other than the answer book/ supplements. However, he/she shall write only Roll No. on the question paper. Use of electronic aid is also forbidden, except for authorized calculator in relevant papers.

➤ In case, there is a choice of language (English or Urdu), the candidate will have to attempt the entire paper in one language. Attempting the paper in both languages may result in cancellation of full paper of some part thereof.

➤ Candidates are advised to use ink or ball point pen (blue or black) for writing and lead pencil for drawing diagram.

➤ The questions solved with lead pencil will not be assessed.

➤ Candidates need to write on both Sides of pages of answer book using each line. Candidates should neither leave any page blank nor should they tear off pages from the answer book provided, but cross those if spoiled.

➤ Candidates can attempt the question in any order (sequence) but shall mention question number according to number mentioned in the question paper.

➤ A candidate misbehaving with the invigilation staff shall be liable for the cancellation of paper/ examination. Candidates are forbidden to bring any book, notes or paper or any material which can be helpful in the examination.

➤ Candidates can ask for extra sheets (continuation sheets) only after the answer book/ previously issued continuation sheet is fully utilized. Extra sheets/continuation sheets will not be issued during the last 15 minutes.

➤ Candidates need to mention the serial number of the continuation sheet(s) on the front page of the answer book.

➤ In case a continuation sheet is not utilized, it has to be returned to the invigilation staff.

➤ A candidate walking out or instigating others to walk out of the examination centre will be liable for the cancellation of paper and other penalties.

➤ A candidate in possession of fire-arms or any other weapon of offence in or around the Examination Centre shall entail the penalty of cancellation of Examination and any other action under the rules of the University.

➤ Smoking or use of any kind of drugs during examination is strictly prohibited. A candidate found guilty will be penalized under the rules of the University.

➤ A candidate found involved in cheating/impersonation shall be liable for the cancellation of paper/ whole examination or expulsion along with other penalty under the rules of the University.

➤ Each answer must be commenced with a number of question or part of sub-section thereof as shown in the question paper. A question should be attempted as a whole. The candidate may lose marks if parts of a question are attempted haphazardly on various portions of the answer book.

➤ Candidates shall clearly write "THE END", at the end of their paper and cross all pages left blank in the answer book.

➤ Candidates shall not leave their seats or attempt to communicate with other candidate in the centre on any account. If a candidate wants something, he/she may draw the Invigilator's attention by standing up.

➤ During the last fifteen (15) minutes before the close of the examination and at the announcement or signal, the collection of answer books will begin. Candidates shall not leave their seats until the answer books have been collected by the Invigilator.

LEGAL STATUS

The University is recognized by the Higher Education Commission of Pakistan and established under Ordinance No. XXIV/2001 of the Government of Khyber Pakhtunkhwa. The Governor of Khyber Pakhtunkhwa is the Patron of the University. The Ordinance of the University provides for a Board of Governors which exercises general supervision over the affairs of management of the University. The Board of Governors of the University is the highest executive authority of the University, which comprises personalities of high standing in the academic and professions both from the public and private sectors of higher education. The Board has all the powers necessary to formulate the statutes, regulations and policies aimed at high academic standards in respect of all academic programs run by the University from Undergraduate to Postgraduate Level. The Board also enjoys powers to frame laws and policies aimed at recruiting persons of eminence in academics for senior slots in the academic hierarchy who are able to give their best to the students.

The Rules & Regulations mentioned in the Prospectus are approved by the statutory bodies of the University and are fully binding on the students taking admission in any degree/diploma program of the University under this legal document.

The University reserves the right to amend any rule/regulation at any stage.

NOTICE

This Prospectus is published in August 2024 and shall remain in force till it is revised.

Every effort has been made to ensure the accuracy of the information given in this publication, but the University reserves the right to make changes in regulations, courses, fees, etc. at any time before or after a candidate's admission without prior notice.

Documents to be attached with Admission Form

☐ Matric DMC & Provisional Certificate / Secondary School Certificate

☐ Intermediate DMC & Provisional Certificate / Higher Secondary School Certificate

☐ Equivalency Certificate from IBCC (for A Level / other than BISE students)

☐ Bachelors DMC & Provisional Certificate / Bachelor Degree

☐ Masters DMC & Provisional Certificate / Master Degree

☐ Copy of Computerized National Identity Card - Mandatory*

☐ Domicile

☐ Copy of Computerized National Identity Card (Father/Guardian)

☐ Letter from the Concerned Embassy (for Foreign Student)

☐ Passport Copy other than Pakistani Citizen

☐ Four Recent Passport Size Photographs Light Blue Background

☐ Experience Certificate (M.Ed)

* If a candidate doesn't possess his/her CNIC he/she should attach copy of Form-B

* Two copies of all documents must be attached with admission form.

* All documents must be attested by a gazetted officer

Main Campus
Landi Akhun Ahmad, Ring Road,
(Kohat Road-Hayatabad Link),
Peshawar-Pakistan

☎ 091-5230937-38-39-40

📱 0320-5000034-35-36-37

🌐 www.suit.edu.pk

✉ admissions@suit.edu.pk

f facebook.com/sarhaduniversity

instagram.com/suitpeshawar_official

0320-5000035