## PEOPLES INSTITUTE OF TECHNOLOGIST IN HEALTH PROSPECTUS 2023-24

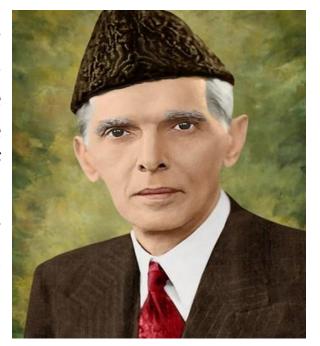




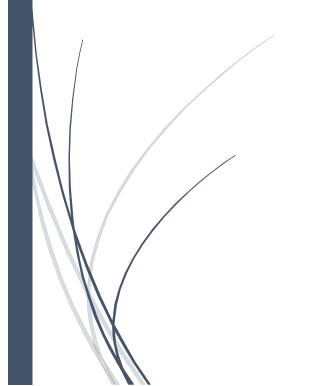
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"Without Education It Is Complete Darkness and With Education It Is Light, Education Is a Matter of Life and Death to Our Nation, The World Is Moving So Fast That If You Do Not Educate Yourselves, You Will Be Not Only Completely Left Behind but Will Be Finished Up.



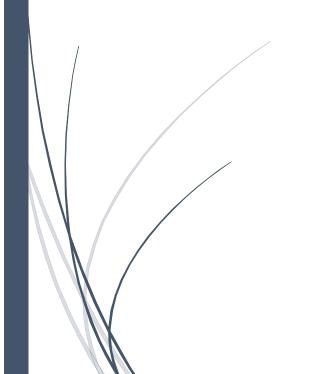
Quaid e Azam **Muhammad Ali Jinnah**Father of The Nation



If Things Do Not Change, There Will Be Nothing Left to Change, Either Power Must Pass to The People or Everything Will Perish.



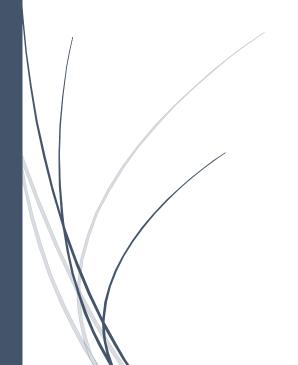
Shaheed Zulfiqar Ali Bhutto Founder of Pakistan's Atomic Bomb Programme



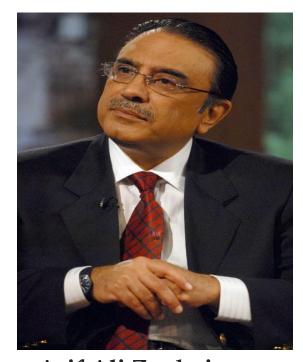
I am a woman. Clearly, it's not easy for women in modern society, no matter where we live. We still must go to the extra mile to prove that we are equal to men. We must work longer hours and make more sacrifices.



Shaheed BiBi Benazir Bhutto Champion of Women's Rights



Education and knowledge were vital to eradicate ignorance in society. Education was the main step to end the sense of class and cultural deprivation.



**Asif Ali Zardari**Former President
Islamic Republic of Pakistan

It is a great pleasure and my Scholarly Obligation to write this message for the prospectus of 2023-24 for the students who will be joining this university for admission in Bachelor of Sciences intensive Care Technology, Bachelor of Sciences Anesthesia Technology, Bachelor of Sciences Cardiovascular Technology & Bachelor of Sciences Medical Laboratory Technology.

Being the head one feel satisfaction to see the Institute growing and students growing so Alhamdulillah we are stepping forward by initiating new courses at undergraduate & postgraduate level.

Universities are to disseminate Knowledge by educating greater proportion of population and to promote research so to contribute to making better health and wellbeing of every individual. People's University is struggling hard for quality education and research. We are making strenuous efforts to assist and assemble all modern teaching, training, patient care and research facilities, for this I am thankful to all the faculty members for their valuable input and support to achieve these goals.

The test conducted by the Peoples University of Medical & Health Sciences for Women will be for male/female candidates and will be valid for the admission in courses of BS-ICT, BS-AT, BS-CVT & BS-MLT, as per merit cum choice of applicants in the respective course and allocation of seats for the session 2023-24 is open throughout Sindh. I hope the transparent practice and skillfulness of admission system will keep satisfying all the applicants whether they qualify or not. This prospectus will guide the interested candidates during the entire process of admission for session 2023-24.

I appreciate the efforts of the admission department for their dedicated work throughout the process of admission and keeping the system transparent. I wish a successful admission process in Peoples University of Medical & Health Sciences for Women, Nawabshah, Shaheed Benazirabad and expect that successful candidates will invest their entire energies towards the acquisition of knowledge and skills to become competent, efficient and caring member of medical profession.



Professor Gulshan Ali Memon
Vice Chancellor
People's university of medical &
Health Sciences for Women,
Shaheed Benazirabad

The Peoples University of Medical & Health Sciences, Shaheed Benazirabad, has been established to provide quality educational experience to students from different backgrounds and to impart competitive abilities along with hospital expertise in students. We, at the University of Technology always keep our students at the center and intend to impact

and transform their lives. The university continuously aspires to create platform for creative ideas and openness in thought and action. I urge everyone to join us in fostering a healthy, peaceful, and engrossing atmosphere at the university campuses. We invite students and faculty to join us in our journey of making the university the best place to learn and work.

Best wishes



Professor Muhammad Saleh Khaskheli

Pro-Vice Chancellor
People's university of medical &
Health Sciences for Women,
Shaheed Benazirabad

It gives me immense pleasure to welcome aspiring students to the Peoples University of Medical & Health Sciences for Women, Shaheed Benazirabad. We shall stand on rising sun through journey of knowledge and discovery and overcome challenges to shape you into first-class professionals. University will enable you

in your growth and success. The University is relatively new, having been upgraded in 2011, Despite that faculty comprises highly experienced and respected professionals 'who have been teaching and training medical students for decades. The experience and wisdom of the senior faculty with enthusiasm have settled this university as a powerhouse of innovation, modernity, and depth of knowledge. The education you receive shall prepare you to face the challenges of tomorrow as the best health professionals. You shall be required to serve the humanity with the compassion and care that PUMHS students are renowned in educating foreign students when you shall be seen as ambassadors of Pakistan with your outstanding skills and professional behavior. I wish to emphasize that your hard work will be the vivid star to success your dreams under the auspices of this university. Being Custodian/Registrar, I ensure that you shall receive high quality education enriched with teaching, training, research, and true humanism. I hope you will give back your passion and commitment to make PUMHS the best institution of modern learning.



Prof. Qurban Ali Rahu
Registrar
People's university of medical
& Health Sciences for
Women, Shaheed

Welcome to the People's Institute of Technologist in Heath (PITH), Peoples University of Medical & Health Sciences for Women (PUMHSW) Nawab shah, Shaheed Benazirabad.

PITH is one of the first initiatives of PUMHSW in Allied Health Sciences offering four different technologies including BS- Intensive Care Technology, BS- Anesthesia Technology, BS- Cardiovascular Technology & BS- Medical Laboratory Technology.

Allied Health professionals are globally recognized as vital, indispensable, and distinct members of the health team. Though our university comprises of different medical technologies, we share the common goals of medical excellence in Allied Health Sciences. Our aim is not only to equip our students with professional skills but also with critical thinking and problem-solving skills. Our faculty comprises highly qualified professionals. Our innovative and unique programs are designed to meet student's interests and career aspirations, along with the market-driven requirements of employers. It's an exciting time to be a part of this university as we will strive to prepare students to take an active role in shaping the future of Allied Health Sciences.



Prof. Rafique Ahmed Sahito
Principal PITH
People's university of medical
& Health Sciences for Women,
Shaheed Benazirabad

As a Director of Academics, I feel honor to convey this message to all students and learned Teachers that the "The Knowledge" is the GIFT OF GOD for mankind. As it is revealed from the Divine Book "The Quran "also Stated with First-WAHI\_ IQRA, Means to READ. So, I wish May ALLAH Bless us with this GIFT in our Generations.



Prof. Muhamad Ali Sohail
Director Academics
People's university of medical
& Health Sciences for Women,
Shaheed Benazirabad

It's matter of great pleasure to write message on prospectus of Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular Technology (BS-CVT) & Bachelor of Sciences Medical Laboratory (BS-MLT) batch 2024 of People's University of

Medical & Health Sciences for Women, And I being Director Admissions feel honored. Indeed, the prospectus will guide the admission process to interested candidates & every detail pertaining to admission will be highlighted. I wish the successful admission process being host. Director Admission its great responsibility on my shoulder to look after the whole admission process transparently with skillful admission team & system of PUMHS.

I wish & expect successful candidates to invest their entire energies towards the acquisition of knowledge & skill to become competent, efficient medical professionals.



Prof. Dr. Ali Raza Brohi
Director Admissions
People's university of medical
& Health Sciences for Women,
Shaheed Benazirabad



This prospectus has been prepared to provide information to the candidates desirous of seeking admission in BS-ICT, BS-AT, BS-CVT & BS-MLT offered by Peoples University of Medical & Health Sciences for Women, Nawabshah, Shaheed Benazirabad. It contains the details of courses offered by Peoples University of Medical & Health Sciences for Women, Nawabshah, Shaheed Benazirabad.

This prospectus also provides information and details about the rules and procedures of admission, selection criteria, available seats, etc. Notwithstanding the brevity of space and size, an attempt has been made to cover the most relevant and significant aspects of the whole process of admissions and the conduct of courses. It should also be noted that this Prospectus is accurate and up to date till the date of its publication.

However, the authorities reserve the right to make changes in the rules, or in any other aspect of the admission process and conduct/completion of the courses as and when deemed necessary, without prior notice.



Prof. Rafique Ahmed Sahito
Editor
People's university of medical
& Health Sciences for Women,
Shaheed Benazirabad



#### "A GOOD EDUCATION IS THE FOUNDATION OF A BRIGHT FUTURE."

#### INTRODUCTION

Allied Health Sciences is an emerging field in Medical Sciences, giving new dimensions to solve the challenges faced by health service providers. Allied health workers constitute nearly 60% of the healthcare workforce which includes hundreds of professionals employed in different health specialties with different job duties at various levels. The WHO Global Strategy on Human Resources for Health: Workforce 2030 estimates a global shortfall of almost 18 million health workers by 2030, to overcome this shortfall education

plays a pivotal role in the growth and progress of a country, where skills and human capital is the key competent of any developmental strategy. If Pakistan must have a knowledge-based economy, it must invest its youth and promote knowledge and expertise. With technological advancement and treatment innovation, the landscape of healthcare practice has changed over the period. The challenge in healthcare delivery is to widen the base of medical education into Allied Health Sciences. Since the delivery of healthcare is no longer limited to medical practitioners, the role of allied health professionals has gained significant importance. The opportunities seem limitless, as the scope of practices and the need for healthcare practitioners continually expand. There is a grave national level deficiency of qualified Allied Health Professionals. The scope of any field is based upon the market demand and career-built opportunities. It is because medical technology is a degree level study so the demand for a graduate of medical science / technology is very high in hospitals, laboratories, and other medical research institutes. In the upcoming days this field will get more advanced and the demand for a skilled medical technologist will also be higher, and scope of medical technology will be brighter. This urges for taking initiatives to establish such institutions in both public and private sectors to overcome the deficiency of such professionals Peoples institute of Medical Technology, PUMHSW, Nawab shah, Shaheed Benazirabad, is a significant step in this regard. The main purpose of the college is to improve the education status and training of Allied Health Professionals who are the most important part of the health care system. At Peoples Institute of Technologist in Health (PITH), students receive careerfocused education in one-of-a-kind environment, not limited to classroom as health and allied health professionals play an important role in patient care and health management information. Our meticulously dedicated faculty members are always ready to facilitate and guide the students, maximize their learning potential by providing contemporary, state-ofthe-art education. Our clinical faculty is also dedicated to allocating their clinical knowledge from their experience to the students in their respective field The well-equipped learning resources include a digital and skills laboratory that imparts practical skills with theoretical knowledge from the semester-based syllabus Allied Health professionals work as part of the healthcare team to make the healthcare system function smooth by providing a range of diagnostic, technical, therapeutic, and direct patient care. They also serve as support services that are critical to the other health professionals they work with and the nationts they serve, giving a new dimension to the quality health care delivery system.

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Peoples Institute of Technologist in Health is going to be started in the year 2023-24 under the umbrella of Peoples university of medical & Health sciences Nawabshah, Shaheed Benazirabad. Many professionals work along with physicians and nurses to provide healthcare services that are safe, patient-centered, efficient, equitable, timely and effective. These professionals represent various Allied Health disciplines including BS- Intensive Care Technology, BS- Anesthesia Technology, BS- Cardiovascular Technology & BS- Medical Laboratory Technology.





## EXCELLENCE IN HEALTHCARE FOR ALL TO PLEASE ALLAH (SUBHANAHU WA TA'ALA)

To be the premier source of educational excellence and training in Allied Health Sciences. We aspire to be the top academic and technological center of Medical Sciences and technology.

#### **MISSION**

**Promote** a conducive learning environment to maximize graduate potential that is responsive to national need and bring impact on professional practice and education. **Attain** the highest standards in teaching and learning through quality education and evidence-based knowledge. **To expand** human capacity by preparing graduates in Allied Health Sciences field equipped with evidence-based knowledge. **To provide** an innovative educational environment, opportunities and hands on experience that enables individuals, communities, and the region to grow, thrive and prosper. **Educate** prepare students to become medical technologists/scientists; collaborate- promote partnerships with the community to expand knowledge and resources; and innovate discover, develop, and implement advances in medical science and technology.

#### **GOALS**

Provide a model education system based on scientific knowledge and technology.

**Improve** inter-Professional collaboration with all healthcare peers.

#### COMPETENCIES

At the completion of medical technology curriculum, student can:

Meet the entry level skills for each discipline as specified in the curriculum. Skills include pre analytical (e.g., specimen procurement, preparation, equipment calibration), analytical (e.g., analysis, instrument operation, quality control), and post analytical (e.g.,

reporting follows up, clinical interpretations) major disciplines with within the field. Demonstrate entry level knowledge of each discipline as specified in the curriculum. Knowledge includes principle of analysis, sources of errors, correlations, interpretations, managing unexpected outcomes, and communications. Demonstrate entry level professionalism as specified in the curriculum, professional traits include reliability, flexibility, integrity, ethics, initiative, and interpersonal relations.

- Care provider
- Communicator
- Professional
- Teamwork

#### **OUTCOMES**

Provide safe, skilled, and efficient healthcare services.

Communicate professionally and ethically with colleagues, seniors, patients, and their relatives in the workplace.

Demonstrate efficient and effective team working abilities.

### PROGRAMME OFFERED

Peoples institute of Technologist in Health is offering 4 Years BS Degree Programs in the following disciplines.

1. BS- INTENSIVE CARE TECHNOLOGY



2. BS- ANESHTESIA TECHNOLOGY



3. BS- CARDIOVASCULAR TECHNOLOGY



4. BS- MEDICAL LABORATORY TECHONOLOGY





# BS-Intensive Care Technology R2-TULGUSING CALG LECULOIOGN

## INTRODUCTION

The Intensive care technology program at the people's institute of Technologist in Health, degree program that offers the student an opportunity to develop the technical ability, knowledge and skills required for entry level employment in any medical & surgical setting, intensive hospital care or free-standing healthcare facility as a member of the Intensive care team.

Intensive care (critical care) is a multidisciplinary and interprofessional specialty specifically designed for the management of patients at risk of developing or with established, life-threatening organ failure, critical care technology is a subspecialty of anesthesiology & internal medicine.

## AIMS & OBJECTIVES

The aim of Bachelor of Science in Critical Care Technology (BS-ICT) program is to provide quality training to students who will deal with critically ill patients. Candidates are trained to work in Intensive Care Units (ICU) and monitor patients. They are actively involved in the management of critically ill patients and perform life-saving procedures under the supervision of a senior consultants. The course also trains candidates to provide first-aid to patients in the absence of a certified medical professional.

The goal of the course is to prepare Intensive care technologists who are highly competent in knowledge, skills, and professional demeanor consistent with local employer expectations and professional standards. The specific objective of the program is to produce Intensive care technologist with the capabilities to Function safely, effectively, and efficiently and exhibit ethical behavior in an Intensive care technologist role.

Training is also provided to handle a variety of injuries, physical ailments, and to transport patients to external facilities for extended treatment such as burn and trauma injuries.

## CARRER OPPORTUNITY

- Government hospital/ICUs
- Private Hospitals
- > Trauma Centers
- Clinical coordinators
- Research Center

## COURSES

BS- Intensive care technology is a four (4) years program along with 6 months internship.

Each year is divided into 2 semesters thus making a total of eight (8) semesters. SCHEME OF STUDIES

#### **BS INTENSIVE CARE TECHNOLOGY**

#### 1st Semester

Code	Course Title	Credit Hour
BS ICT-1101	Anatomy– I	3 (2 + 1)
BS ICT -1102	Physiology – I	3 (2 + 1)
BS ICT -1103	Biochemistry – I	3 (2 + 1)
BS ICT -1104	Microbiology - I	3 (2 + 1)
BS ICT -1105	English	3 (3 + 0)
	15	

#### 2<sup>nd</sup> Semester

Code	Course Title	<b>Credit Hour</b>
BS ICT -1201	Anatomy- II	3 (3 + 0)
BS ICT -1202	Physiology - II	3 (2 + 1)
BS ICT -1203	Biochemistry – II	3 (2 + 1)
BS ICT -1204	Microbiology - II	3 (2 + 1)
BS ICT -1205	English Communication	3 (2 + 1)
	<b>Total Credit Hours</b>	15

#### 3<sup>rd</sup> Semester

Code	Course Title	Credit Hour
BS ICT-1301	Pathology - I	3 (2 + 1)
BS ICT-1302	Pharmacology - I	3 (2 + 1)
BS ICT-1303	Emergency Medicine	3 (2 + 1)
BS ICT-1304	Critical Care	3 (2 + 1)
BS ICT-1305	Islamiyat	3 (3 + 0)
	15	

#### 4<sup>th</sup> Semester

Code	Course Title	Credit Hour
BS ICT-1401	Pathology-II	3 (2 + 1)
BS ICT-1402	Emergency Surgery	3 (2 + 1)
BS ICT-1403	Pharmacology-II	3 (2 + 1)
BS ICT-1404	Applied Physics and Engineering Sciences	3 (2 + 1)
BS ICT-1405	Introduction to IT	2 (2 + 0)
BS ICT-1406	Pakistan Study	1 (1 + 0)
	15	

#### 5<sup>th</sup> Semester

Code	Course Title	Credit Hour
BS ICT -1501	Introduction To Intensive Care & Intensive Care Apparatus	3 (2 + 1)
BS ICT -1502	Errors & Complications in Intensive Care & Critical Care	3 (2 + 1)
BS ICT -1503	Applied Pharmacology	3 (2 + 1)
BS ICT -1504	Monitoring In ICU	3 (2 + 1)
BS ICT -1505	Invasive & Non-Invasive Cardiovascular Monitoring Techniques	3 (2 + 1)
BS ICT -1506	Practicum	2 (2+0)
	17	

#### 6<sup>th</sup> Semester

Code	Course Title	Credit Hour
BS ICT -1601	Metabolic & Endocrine Disorders	3 (2 + 1)
BS ICT -1602	Hepatic & Cardiovascular Disorders	3 (2 + 1)
BS ICT -1603	Renal Failure & Management	3 (2 + 1)
BS ICT -1604	Clinical Nutrition & Diet Therapy	3 (2 + 1)
BS ICT -1605	Epidemiology & Bio Statics	3 (2 + 1)
BS ICT -1606	Practicum	2 (2+0)
	17	

#### **7**<sup>th</sup> Semester

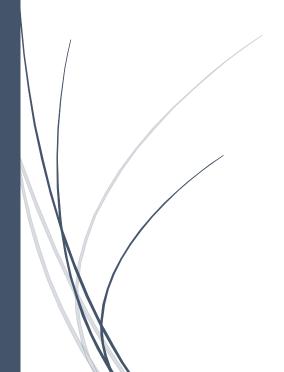
Code	Course Title	Credit Hour
BS ICT -1701	Respiratory Medicine Oxygen Therapy & Airway Management	3 (2 + 1)
BS ICT -1702	Body Fluids & Transfusion of Blood Products	3 (2 + 1)
BS ICT -1703	Cardiopulmonary Resuscitation	3 (2 + 1)
BS ICT -1704	Trauma & Burns	3 (2 + 1)
BS ICT -1705	Introduction to Biomedical Ethics	3 (2 + 1)
BS ICT -1706	Practicum	2 (2+0)
	17	

#### 8<sup>th</sup> Semester

Code	Course Title	Credit Hour
BS ICT -1801	Sedation, Pain Management & Muscle Relaxation in ICU	3 (2 + 1)
BS ICT -1802	Clinical toxicology: diagnosis & Management in ICU	3 (2 + 1)
BS ICT -1803	Organization & General Principal in ICU	3 (2 + 1)
BS ICT -1804	Neuromuscular Disorder	3 (2 + 1)
BS ICT -1805	Research Methodology & Research Project (Thesis)	3 (2 + 1)
BS ICT -1806	Practicum	2 (2+0)
	17	

## **FACULTY MEMEBERS FOR BS-ICT**

Sr No.	Name
1	Professor Dr. Muhammad Saleh Khaskheli
2	Professor Dr. Rafia Tabassum
3	Dr. Aijaz Ahmed Awan
4	Dr. Naeem Ahmed
5	Dr. Almas Imtiaz Langah
6	Dr. Tehmina Kareem Bhatti
7	Dr. Aijaz Ahmed Khan
8	Dr. Salamullah Shah





# BS-Anesthesia Technology BS-Anesthesia Technology

## INTRODUCTION

The Anesthesiologist is often a vaguely remembered actor from the surrealistic scenes that precede and follow surgery. With all the powers of Morpheus, like the Greek god of sleep and dreams, the anesthesiologist seems to delight in his role as he smiles down on his vulnerable patients. Anesthesia was used in 95% of Civil War surgeries. Sulfuric ether had been discovered in Europe in the 1830's and was first used as an anesthetic in 1846. Anesthesia enables the painless performance of medical procedure that would otherwise cause severe or intolerable pain to an unanesthetized patient or would otherwise be technically unfeasible. Modern medicine would not be possible without anesthesia. The Department of Anesthesiology provides state-of-the-art care for patients undergoing all types of surgical procedures. Because the discipline has become so specialized, we have subspecialty trained anesthesia Technologist available in areas such as Cardiac, General, Gynae & Obs, Critical care, Neuro-anesthesia, Pain medicine and trauma.

## AIMS & OBJECTIVES

The Anesthesia Technology program at the Faculty of Health and Medical Sciences degree program that offers the student an opportunity to develop the technical ability, knowledge and skills required for entry level employment in any surgical setting, hospital operating room or free-standing healthcare facility, as a member of the anesthesia team.

The goal of the course is to prepare anesthesia technologists who are highly competent in the knowledge, skills and professional demeanor consistent with local employer expectations and professional standards. The specific objective of the program is to produce anesthesia technologist with the capabilities to:

• Function safely, effectively, and efficiently and exhibit ethical behavior in an anesthesia technologist role,

## CARRER OPPORTUNITY

There are many job opportunities for an Anesthesia Technologist. They will get the employment in medical universities, public sectors, outpatient care center, specialty hospital, Operation Theater (OR, OT), Post-op Recovery room, Emergency Room, Intensive care Unit, Emergency Ambulatory Vehicle. After gaining experience, one can work as a teacher in the area of anesthesiology in national & international universities. PITH offers a four-year BS Anesthesia Technology Program. The mission of the Department of Anesthesiology is to provide the best technologist to the community via our educational and research efforts. The Department of Anesthesiology values visionary leadership at all ranks that promotes and safeguards an organizational culture of respect for all individual's collaboration and shared knowledge among all caregivers.

## COURSES

BS- Anesthesia Technology is a four (4) years program along with 6 months internship. Each year is divided into 2 semesters thus making a total of eight (8) semesters.

### SCHEME OF STUDIES BS ANESTHESIA TECHNOLOGY

#### 1st Semester

Code	Course Title	Credit Hour
BS AT-1101	Anatomy– I	3 (2 + 1)
BS AT-1102	Physiology - I	3 (2 + 1)
BS AT-1103	Biochemistry – I	3 (2 + 1)
BS AT-1104	Microbiology - I	3 (2 + 1)
BS AT-1105	English	3 (3 + 0)
	15	

#### 2<sup>nd</sup> Semester

Code	Course Title	Credit Hour
BS AT-1201	Anatomy– II	3 (3 + 0)
BS AT-1202	Physiology - II	3 (2 + 1)
BS AT-1203	Biochemistry – II	3 (2 + 1)
BS AT-1204	Microbiology - II	3 (2 + 1)
BS AT-1205	English Communication	3 (2 + 1)
	15	

#### 3<sup>rd</sup> Semester

Code	Course Title	Credit Hour
BS AT-1301	Pathology – I	3 (2 + 1)
BS AT-1302	Pharmacology - I	3 (2 + 1)
BS AT-1303	Emergency Medicine	3 (2 + 1)
BS AT-1304	Critical Care	3 (2 + 1)
BS AT-1305	Islamiyat	3 (3 + 0)
	Total Credit Hours	15

#### 4<sup>th</sup> Semester

Code	Course Title	Credit Hour
BS AT-1401	Pathology-II	3 (2 + 1)
BS AT-1402	Emergency Surgery	3 (2 + 1)
BS AT-1403	Pharmacology-II	3 (2 + 1)
BS AT-1404	Applied Physics and Engineering Sciences	3 (2 + 1)
BS AT-1405	Introduction to IT	2 (2 + 0)
BS AT-1406	Pakistan Study	1 (1 + 0)
Total Credit Hours		15

#### **5th Semester**

Code	Course Title	Credit Hour
BS AT-1501	Introduction To Anesthesia	3 (2 + 1)
BS AT-1502	Anesthesia Apparatus	3 (2 + 1)
BS AT-1503	Applied Pharmacology	3 (2 + 1)
BS AT-1504	Monitoring In ICU	3 (2 + 1)
BS AT-1505	Invasive & Non-Invasive Cardiovascular Monitoring Techniques	3 (2 + 1)
BS AT-1506	Practicum	2 (2 + 0)
Total Credit Hours		17

#### **6th Semester**

Code	Course Title	Credit Hour
BS AT-1601	Errors & Complications in Anesthesia & Critical Care	3 (2 + 1)
BS AT-1602	Metabolic & Endocrine Disorders	3 (2 + 1)
BS AT-1603	Cardiovascular Disorders & Cardiopulmonary Resuscitation	3 (2 + 1)
BS AT-1604	Hepatic, Renal Failure & Management	3 (2 + 1)
BS AT-1605	Clinical Nutrition & Diet Therapy	3 (2 + 1)
BS AT-1606	Clinical Practicum	2 (2 + 0)
	Total Credit Hours	17

#### 7th Semester

Code	Course Title	Credit Hour
BS AT-1701	Respiratory Medicine Oxygen Therapy & Airway Management	3 (2 + 1)
BS AT-1702	Body Fluids & Transfusion of Blood Products	3 (2 + 1)
BS AT-1703	Neuromuscular Disorders	3 (2 + 1)
BS AT-1704	Trauma & Burns	3 (2 + 1)
BS AT-1705	Introduction to Biomedical Ethics	3 (2 + 1)
BS AT-1706	Practicum	2 (2 + 0)
Total Credit Hours		17

#### 8<sup>th</sup> Semester

Code	Course Title	Credit Hour
BS AT-1801	Sedation, Pain Management & Muscle Relaxation in ICU	3 (2 + 1)
BS AT-1802	Clinical toxicology: diagnosis & Management in ICU	3 (2 + 1)
BS AT-1803	Organization & General Principal in ICU	3 (2 + 1)
BS AT-1804	Research Methodology	3 (2 + 1)
BS AT-1805	Research Project (Thesis)	3 (2 + 1)
BS AT-1805	Practicum	2 (2 + 0)
	Total Credit Hours	17

## **FACULTY MEMEBERS FOR BS-AT**

Sr No.	Name
1	Professor Dr. Muhammad Saleh Khaskheli
2	Professor Dr. Rafia Tabassum
3	Dr. Aijaz Ahmed Awan
4	Dr. Naeem Ahmed
5	Dr. Almas Imtiaz Langah
6	Dr. Tehmina Kareem Bhatti
7	Dr. Aijaz Ahmed Khan
8	Dr. Salamullah Shah



# BS-Medical Laboratory Technology

## INTRODUCTION

**Medical Laboratory Technology (MLT)** a pioneer field of allied Health Sciences which basically deals with laboratory investigation in terms of diagnosis, treatment and monitoring of disease. with the current advancement in the field of science and technology, MLT has also evolved greatly.

The significance of MLT can be understood from the fact that around 70% of decisions regarding diagnosis, treatment, admission in the hospitals and discharge are solely based on the laboratory results. In UK, the workforce of laboratory personnel along with other allied health professionals comprises of only 5% but their work underpins around 80% of entire diagnosis and clinical decision.

The Medical Laboratory Technology nowadays known as medical laboratory scientist possesses advanced knowledge and skills and perform complex test or assays. Program is a four-year program consisting of foundation education, compulsory, and professional courses, directed to improve student' qualifications and enhance their interpersonal skills.

The integration of these courses will provide students with comprehensive knowledge to meet the educational needs of a medical technologist in different medical specialties, both in primary and tertiary healthcare hospitals.

The overall aim of the BS medical laboratory Programme is to prepare competent entry-level technologist in cognitive (knowledge), Psychomotor (Skills), and affective (Behavior) learning domains to work successfully in a multicultural diverse healthcare environment.

The BS Medical Laboratory Technology program of study aims to provide quality education and equip students with indepth knowledge, analytic skills, and professional attitude to perform clinical laboratory procedures in any healthcare setting.

During this four-year program, the students will strongly be educated theoretically along with a robust emphasis on developing practical skills via rigorous training at Research Diagnostic Center & Pathology Department of PUMHSW to meet the required challenges of modern health care system. They perform several tests, detect test abnormalities, and give physicians prompt information, which helps diagnose, treat, and manage diseases. Such critical procedures require strong base knowledge, technical skills, and the ability to work under pressure.

### **AIMS & OBJECTIVES**

A The goal of this four-year Bachelor of Sciences degree program is to prepare clinical laboratory sciences technologists who are highly competent in the knowledge skills and professional demeanor consistent with local employer expectations and professional standards. At the completion of the MLT program, students will be able to:

- Function explains the principles and methods used in molecular laboratory tests.
- Explained the clinical significance of molecular laboratory procedures in diagnosis and treatment was done disease to maintenance of health.
- Interpret and evaluate patient results and suggest or select appropriate additional testing.
- Use quality assurance principles and practices to ensure the accuracy and reliability of laboratory information.
- Use the principles of method evaluation to select new techniques and instruments.
- Explain and apply the major principles and practices of laboratory administration supervision and budgeting.
- Use educational methods to present information and develop it into directional materials.
- Use research methods to design conduct and disseminate results of studies on new technologies, procedures all diagnostic correlations in molecular science.
- Interpreters implement and complying with laws regulations and accreditation standards and guidelines of relevant governmental and non-governmental agencies.
- Apply principles of management to the acquisition and evolution of laboratory information system to maintain optimal laboratory efficiency.

- Communicate effectively with laboratory personnel other healthcare professional's patient and the public communicate effectively in both written and spoken English.
- Formulate and strategic plan for professional career development.
- Development and complete capstone project in advanced clinical laboratory practice education or laboratory operations.

## CARRER OPPORTUNITY

A Medical Laboratory Technologist (now a days known as Medical Laboratory Scientist) possesses advanced knowledge and skills and performs complex tests or assays. Laboratory Technologists may be Generalists or Specialists depending upon the skills and lab they are working in. As per reports, most of the technologists work full-time in hospital laboratories, reference and research labs or other private labs. However, they may also have opportunities of employment in forensic, food and environmental labs. Moreover, numerous manufacturers and suppliers of laboratory equipment and diagnostic kits also prefer experienced Technologists for development of new products, sales, and marketing of their products.

## COURSES

BS- Medical Laboratory Technology is a four (4) years program along with 6 months internship. Each year is divided into 2 semesters thus making total of eight (8) semesters.

### SCHEME OF STUDIES BS MEDICAL LABORATORY TECHNOLOGY

#### 1st Semester

Code	Course Title	Credit Hour
BS MLT-1101	Anatomy- I	3 (2 + 1)
BS MLT-1101	Physiology - I	3 (2 + 1)
BS MLT-1101	Biochemistry – I	3 (2 + 1)
BS MLT-1101	Microbiology - I	3 (2 + 1)
BS MLT-1101	English	3 (3 + 0)
	Total Credit Hours	15

#### 2<sup>nd</sup> Semester

Code	Course Title	Credit Hour
BS MLT-1201	Anatomy– II	3 (3 + 0)
BS MLT-1201	Physiology - II	3 (2 + 1)
BS MLT-1201	Biochemistry – II	3 (2 + 1)
BS MLT-1201	Microbiology - II	3 (2 + 1)
BS MLT-1201	English Communication	3 (2 + 1)
	<b>Total Credit Hours</b>	15

#### 3<sup>rd</sup> Semester

Code	Course Title	Credit Hour
BS MLT-1301	Pathology - I	3 (2 + 1)
BS MLT-1301	Pharmacology - I	3 (2 + 1)
BS MLT-1301	Emergency Medicine	3 (2 + 1)
BS MLT-1301	Critical Care	3 (2 + 1)
BS MLT-1301	Islamiyat	3 (3 + 0)
Total Credit Hours		15

#### 4<sup>th</sup> Semester

Code	Course Title	Credit Hour
BS MLT-1401	Pathology-II	3 (2 + 1)
BS MLT-1402	Emergency Surgery	3 (2 + 1)
BS MLT-1403	Pharmacology-II	3 (2 + 1)
BS MLT-1404	Applied Physics and Engineering Sciences	3 (2 + 1)
BS MLT-1405	Introduction to IT	2 (2 + 0)
BS MLT-1406	Pakistan Study	1 (1 + 0)
Total Credit Hours		15

#### 5<sup>th</sup> Semester

Code	Course Title	Credit Hour
BMLT -1501	Cellular & Molecular Biology	3 (2 + 1)
BMLT -1502	Principal of Genetics	3 (2 + 1)
BMLT -1503	Hematology-I	3 (2 + 1)
BMLT -1504	Laboratory Instrumentation & Techniques	3 (2 + 1)
BMLT -1505	Practicum	3 (2 + 1)
•	Total Credit Hours	15

#### 6<sup>th</sup> Semester

Code	Course Title	Credit Hour
BMLT -1601	Hematology-II	3 (2 + 1)
BMLT -1602	Chemical & Clinical Pathology	3 (2 + 1)
BMLT -1603	RBCs Disorders	3 (2 + 1)
BMLT -1604	Histopathology & Histo techniques	3 (2 + 1)
BMLT -1605	Practicum	3 (2 + 1)
	Total Credit Hours	15

#### **7**<sup>th</sup> Semester

Code	Course Title	Credit Hour
BMLT -1701	Cytology & Cytopathology	3 (2 + 1)
BMLT -1702	Clinical Virology & Mycology	3 (2 + 1)
BMLT -1703	Clinical Immunology Serology & Parasitology	3 (2 + 1)
BMLT -1704	WBCs & Platelet Disorders	3 (2 + 1)
BMLT -1705	Blood Transfusion & Blood Banking	3 (2 + 1)
	Total Credit Hours	15

#### 8<sup>th</sup> Semester

Code	Course Title	Credit Hour
BMLT -1801	Fundamentals of Infection Control & Disease	3 (2 + 1)
BMLT -1802	Clinical Endocrinology	3 (2 + 1)
BMLT -1803	Body Fluids Analysis	3 (2 + 1)
BMLT -1804	Research Methodology	3 (2 + 1)
BMLT -1805	Research Project (Thesis)	3 (2 + 1)
BMLT -1806	Practicum	3 (2 + 1)
	Total Credit Hours	18

### FACULTY MEMEBERS FOR BS-MLT

Sr No.	Name
1	Prof. Dr. Jawaid Hussain Memon
2	Prof. Dr. Amin Fahim Memon
3	Prof. Dr. Ghulam Shah Nizamani
4	Dr. Ameer Abbas Ali Buledi
5	Dr. Amir Bux Detho
6	Dr. Raima Kalhoro
7	Dr. Sikandar Ali Sial
8	Dr. Kousar Parveen
9	Dr. Sadia Bukhari
10	Dr. Shabana Memon
11	Dr. Muhammad Alias Noor-e-Mustafa
12	Dr. Najma Parveen
13	Dr. Aamir Ali Akhund
14	Dr. Hina Memon
15	Dr. Javeria Solangi
16	Dr. Arooj Ali
17	Dr. Waseem Akram Zardari
18	Dr. Lareb Memon
19	Dr. Shahnaz Keerio



# BS-Cardiovascular Technology

### INTRODUCTION

Cardiology Technology is an emerging field of Allied Health Sciences. This field basically utilizes invasive and non-invasive procedures for diagnostics, therapeutic and preventive purposes in cardiovascular care. The main procedures involved in cardiology technology are electrocardiography and stress ECG, echocardiography, electrophysiology, interventional cardiology, preventive cardiology, nuclear cardiology, cardiopulmonary diseases and cardiac surgery.

# AIMS & OBJECTIVES

The four-year Bachelor of Science of Cardiovascular Technology degree offers the students and opportunity to develop the technical ability, knowledge and skills required for entry level employment as a member of the cardiovascular team. The specific objective of the program is to produce cardiovascular technologist with the capabilities to:

- Function effectively and efficiently and exhibit ethical behavior in an cardiovascular technologist role,
- Complete all work in accordance with legal and ethical requirements of field, using accepted safety practices, and appropriate terminology specific to the occupation and industry.
- Operate sophisticated medical equipment to assist physicians in the diagnosis and treatment of cardiovascular disorders.

- Prepare accurate test reports such as electrocardiogram, Holter scan and exercise test for the interpreting cardiologist.
- Critically evaluate the patient's cardiac status using the relevant test procedure and result.
- Apply scientific principles in the operation and evaluation of laboratory equipment and implanted cardiac rhythm management devices and assist with obtaining measurements and monitoring of patient's hemodynamic parameters.
- Provide competent cardiovascular testing.
- Identify emergency equipment, cardiovascular drugs, their use and the role of each member of cardiac diagnostic team during a cardiac emergency.
- Provide quality patient care through all interactions and families, co-workers, and the community.
- In the 3<sup>rd</sup> & 4<sup>th</sup> study year students are required to complete an sixteen weeks practicum in an accredited institution, attend seminars, undertake independent research and write a thesis in a major subject.

## CARRER OPPORTUNITY

After successful completion of four years BS degree in Cardiovascular Sciences technology. The Cardiology technologists have opportunities both in universities and hospitals, as lecturer and clinically as cardiology technologist to assist invasive procedures such as implanting cardiac catheters during angiographic and angioplasty procedures, inserting pacemakers, assisting electrophysiology procedures and assisting Cardiac surgeon during cardiac surgery. Cardiology technologists also perform and report noninvasive procedures such as echocardiography, electrocardiography, and exercise tolerance test (ETT). They will also be able to work in all public and private sector hospitals.

The PITH will play a major role in producing professional Cardiac Technologist through a taught course of four-year BS degree program in Cardiovascular Technology. During the course the student will be allowed for clinical exposure in different hospitals to learn clinical aspects of different diseases related to cardiology and to utilize their knowledge in diagnostic procedures such as ECG, Echocardiography, ambulatory B.P monitoring, ECG Event/loop Monitoring and angiography and stress testing etc.

## COURSES

BS Cardiovascular Technology is a four (4) years program along with 6 months internship. Each year is divided into 2 semesters thus making a total of eight (8) semesters.

### SCHEME OF STUDIES BS CARDIOVASCULAR TECHNOLOGY

#### 1st Semester

Code	Course Title	Credit Hour
BS CVT-1101	Anatomy– I	3 (2 + 1)
BS CVT-1102	Physiology – I	3 (2 + 1)
BS CVT-1103	Biochemistry – I	3 (2 + 1)
BS CVT-1104	Microbiology - I	3 (2 + 1)
BS CVT-1105	English	3 (3 + 0)
	Total Credit Hours	15

#### 2<sup>nd</sup> Semester

Code	Course Title	Credit Hour
BS CVT-1201	Anatomy– II	3 (3 + 0)
BS CVT-1202	Physiology - II	3 (2 + 1)
BS CVT-1203	Biochemistry – II	3 (2 + 1)
BS CVT-1204	Microbiology - II	3 (2 + 1)
BS CVT-1205	English Communication	3 (2 + 1)
<b>Total Credit Hours</b>		15

#### 3<sup>rd</sup> Semester

Code	Course Title	Credit Hour
BS CVT-1301	Pathology – I	3 (2 + 1)
BS CVT-1302	Pharmacology - I	3 (2 + 1)
BS CVT-1303	Emergency Medicine	3 (2 + 1)
BS CVT-1304	Critical Care	3 (2 + 1)
BS CVT-1305	Islamiyat	3 (3 + 0)
Total Credit Hours		15

#### 4<sup>th</sup> Semester

Code	Course Title	Credit Hour
BS CVT-1401	Pathology-II	3 (2 + 1)
BS CVT-1402	Emergency Surgery	3 (2 + 1)
BS CVT-1403	Pharmacology-II	3 (2 + 1)
BS CVT-1404	Applied Physics and Engineering Sciences	3 (2 + 1)
BS CVT-1405	Introduction to IT	2 (2 + 0)
BS CVT-1406	Pakistan Study	1 (1 + 0)
	Total Credit Hours	15

#### 5<sup>th</sup> Semester

Code	Course Title	Credit Hour
BCST -1501	Cardiopulmonary Physiology	3 (2 + 1)
BCST -1502	Diagnostic Equipment in Cardiology	3 (2 + 1)
BCST -1503	Electro Cardiography-I	3 (2 + 1)
BCST -1504	Echocardiography-I	3 (2 + 1)
BCST -1505	Practicum	3
	Total Credit Hours	15

#### 6<sup>th</sup> Semester

Code	Course Title	Credit Hour
BCST -1601	Electrocardiography-II	3 (2 + 1)
BCST -1602	Echocardiography-II	3 (2 + 1)
BCST -1603	Common Cardiac Disease	3 (2 + 1)
BCST -1604	Electrophysiology	3 (2 + 1)
BCST -1605	Practicum	3
	Total Credit Hours	15

#### 7<sup>th</sup> Semester

Code	Course Title	Credit Hour
BCST -1701	Nuclear Cardiology	3 (2 + 1)
BCST -1702	Preventive Cardiology	3 (2 + 1)
BCST -1703	Common Cardiac Interventions	3 (2 + 1)
BCST -1704	Pulmonary Disease	3 (2 + 1)
BCST -1705	Practicum	3
	Total Credit Hours	15

#### 8<sup>th</sup> Semester

Code	Course Title	Credit Hour
BCST -1801	Cardiac Surgery	3 (2 + 1)
BCST -1802	Critical Cardiology	3 (2 + 1)
BCST -1803	Basic & Advance Life Support	3 (2 + 1)
BCST -1804	Research Methodology & Research Project (Thesis)	3 (2 + 1)
BCST -1805	Practicum	3
	Total Credit Hours	15

### FACULTY MEMEBERS FOR BS-CVT

Sr No.	Name
1	Prof: Dr. Qurban Ali Rahu
2	Dr. Jagdesh Kumar
3	Dr. Imran Ellahi Soomro
4	Dr. Ghulam Fareed Shah
5	Dr. Muhammad Khan Soomro
6	Dr. Ahmed Ali Phulpoto

# **ALLOCATIONS OF SEATS**

All seats are open merit basis for Sindh. Each discipline consists of 25 seats.

### HISTORICAL BACKGROUND

#### GLIMPSE OF PUMHS AT GLANCE

With passion vision of Shaheed Zulfikar Ali Bhutto, the premier Medical College exclusive for girls Came into existence in April 1974 at Nawabshah with the name of Peoples Medical College. About 6000 & plus Female doctors have been graduated from

this College so far. Postgraduate training in this institute started in 2004 and since then about 600 & plus postgraduate trainees have imparted training in various specialties.

Mr. Ghulam Mustafa Jatoi is credit for establishing Peoples Medical College for Girls Now PUMHS during his stint as Chief Minister of Sindh. Following the passage of bill of establishing medical college in Nawabshah by the Sindh Assembly, Mr. Jatoi confronted with a difficult situation for finding out a suitable location to start classes of the said institution immediately. For that matter he visited his teacher Mr. H.M Khoja and requested him to allow him to start girls' medical college in a building (which was then housing a school run by Mr. H.M Khoja) on makeshift basis. For the sake of promotion of education in the area and the newly established Peoples Medical College functional.

Initially this College was temporarily housed in portion of District Council High School consisting of a couple of hostels and auditorium (Latif Hall) along with the main building of Muslim Boarding House. The first batch was admitted with an approximate enrollment of about 100 students. Soon after the District Hospital was attached to the college for the purpose of clinical teaching. Peoples University of Medical & Health Sciences for Women, Nawabshah, Shaheed Benazirabad was established by Act of Government of Sindh 2009 dated 21-12- 2009, Governor of Sindh & Chancellor given Ascent on 10-11-2010.

Vice Chancellor, Peoples University of Medical & Health Sciences for Women, Prof. Dr. Gulshan Ali Memon has took effort to established Examination Branch with three sections, Conduct Branch, Secret Branch & Top-Secret Branch having optical marker & photocopier along with computer & printer. Now the examination is conducted by Peoples University of Medical & Health Sciences for Women, Nawabshah (SBA), maintaining the secrecy & credibility.

The land about 200 acres had been purchased 3.5 km away the outskirt of Nawabshah. The boundary wall is constructed. Examination Centre for all disciplines , institute of Physiotherapy & Rehabilitation Center , institute of pharmaceutical sciences, institute of Public health & sciences , Begum Bilqees Sultana institute of Nursing, four Blocks of Hostels only for Girls, Residential Units for Faculty & Staff, Transport department, buss stand, Beautiful Masjid, Stadium are functional.

### HISTORICAL BACKGROUND

The Deans of Basic Medical Sciences, Medicine & Allied Sciences, Surgery & Allied Sciences and Community Health Sciences are appointed as per act, and we have a fully saturated qualified faculty to deliver their best. During infancy period of PUMHS we have established the Institute of Physiotherapy & Rehabilitation Sciences in 2012, Begum Bilqees Sultana Institute of Nursing in 2012, Institute of Pharmaceutical Sciences in 2014 and Institute of BS Public Health Sciences in 2016. Now the PUMHSW is going to start peoples institute of technologist in HEalth with four disciplines Bachelor of Sciences

Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular Technology (BS-CST) & Bachelor of Sciences Medical Laboratory (BS-MLT).

#### BASIC DEPARTMENT

The University has 2 academic blocks. One includes Anatomy, Physiology and Biochemistry departments with air-conditioned Dissection Hall and Seminar rooms while the other one includes Pharmacology, Pathology, Community Medicine, and Forensic Medicine departments along with Administration offices, Central Museum, Skill Lab, Digital Telephone Exchange, Three Fully airconditioned Lecture Halls and air-conditioned Seminar rooms. The old Latif Hall was demolished, and new graceful building was erected having Vice Chancellor's Secretariat with Academic Council Hall and Teacher's Common room at the ground floor & capacious 850 seated fully air-conditioned Latif Hall at first floor. The existing two storied library has at present about 18,000 reference books and 48,000 textbooks and various new editions of medical journals. Learning Resource Centre (LRC) and I.T Department are also established with 100 computers, CD-ROM & Multimedia facilities, and Internet access.

#### CLINICAL DEPARTMENT

The clinical departments include Medicine, Surgery, Gynae & Obs, ENT, Ophthalmology, Anesthesiology, Orthopedics, Pediatrics, Cardiology, Chest Diseases, Psychiatry, Dermatology, Neurology, Radiology (Ultrasonography / C.T. Scanning, MRI), Neurosurgery, Urology, Nephrology, Oncology & Pead's Surgery. The attached Peoples University of Medical & Health Sciences Hospital has total bed strength of 875 at present. A modern C.P.S.P regional center is also discharging their academic obligations under MoU with PUMHS in the very premises of this University, which is fully Air-conditioned with Digital Library and internet facilities, Multipurpose Hall.

### HISTORICAL BACKGROUND

#### FOREIGN NATIONAL STUDENTS

The total number of students at present is 2186 from first year to final year MBBS, DPT, Pharm-D, BS Public Health & BS Nursing. On the teaching faculty side there are 44 sanctioned posts of Professors, 47 Associate Professors, 86 Assistant Professors, 31 Senior Registrars, 34 Senior Lecturers & Lecturers 75.

#### POSTGRADUATE COURSES

This University is permanently recognized by PM&DC & HEC for postgraduate courses in all specialties including FCPS, MS. (Surgery, Eye, ENT, Gynae & Obs, Neurosurgery, Orthopedics & Urology), M.D (Medicine, Pediatrics & Cardiology), D.C.P, D.G.O, D.C.H, D.O, DA, D.L, D.C.P.S, M.Phil. (Anatomy), M.Phil. (Physiology), M.Phil. (Biochemistry), M.Phil. (Histopathology), M.Phil. (Microbiology), M.Phil. (Pharmacology), MPH (Community Medicine), and are regularly conducted at PUMHSW, Nawabshah (SBA). The undergraduate & postgraduate examinations comprise BCQ, short essay and long essay practical's with OSPE / OSCE, Long & Short cases.

# APMIN/ACAPEMIC FACULTY

C NO	NIANAE O DECICNIATIONI	OFFICE	
S, NO.	NAME & DESIGNATION	TELEPHONE NO.	FAX NO.
	VICE CHANCELL	OR	
1	Prof. Dr. Gulshan Ali Memon MBBS, F.R.C.S, M.S, F.A.C.S	0244-930260 0244-930249-55 Ext: 2201	0244-930263
	PRO-VICE CHANCELLOR / DIRECTOR HRM & HEAD (	OF DEPARTMENT OF AN	ASTHESIOLOGY
	INCHARGESKILLS	LAB	
	Prof. Dr. Muhammad Saleh Khaskheli MBBS, FCPS, MSc (Pain Medicine)	0244-930424 0244-930249-55 Ext: 2208	0244-930424
	REGISTRAR		
3	Prof. Dr. Qurban Ali Rahu MBBS, FCPS	0244-930428 0244-9370249-55 Ext: 2211/2331	0244-930428
	PRINCIPAL PITH		
4	Prof. Dr. Rafique Ahmed Sahito MBBS, M. S	0244-372146	
	DIRECTOR ACADEMICS		
5	Prof. Dr. Muhammad Ali Suhail Memon	0244-930249-55	
	MBBS, MS, FCPS	Ext: 2216	

# ARMIN/ACAREMIC FACULTY

C NO	NAME & DESIGNATION	OFFICE	
S, NO.		TELEPHONE NO.	FAX NO.
	DEAN FACULTY OF SURGERY AND ALLIED SCIENCES	/ DIRECTOR ADMISSIONS	S / DIRECTOR
6	MEDICAL EDUCAT	ION	
0	Prof. Dr. Ali Raza Brohi	0244-930507-56	
	MBBS, FCPS, FEBPS, FACS, Dip. MAS	Ext: 2206	
	DEAN FACULTY OF MEDICINE & ALLIED SCIENCES/ DIRECTOR POSTGRADUATE		DUATE
7	Prof. Dr. Ali Akbar Siyal	0244-930507-56	
	MBBS, MCPS, DCH, FCPS	Ext: 2206	
	DEAN FACULTY OF BASIC MEDICAL SCIENCES & DIRECTOR QEC & DIRECTO		OR ORIC
8	Prof. Dr. Ghulam Mustafa Dahri	0244-930249-56	
	MBBS, M.Phil.	Ext: 2281	
	DEAN FACULTY OF COMMUNITY HEALTH SCIENCES & DIRECTOR INSTITUTE OF PUBLIC HEALTH		PUBLIC HEALTH
9	Prof. Dr. Noor Ali Alias Ghazanfar Ali Samoon,	0244-930249-55	
	MBBS, MPH	Ext: 2225	
	DIRECTOR ADMINIST	TRATION	
10	Prof. Dr. Nasrullah Aamer	0244-930249-56	
	MBBS, FCPS	Ext: 2221	

# ARMIN/ACAREMIC FACULTY

S NO	NAME & DESIGNATION	OFFICE	
S, NO.		TELEPHONE NO.	FAX NO.
	DIRECTOR FINANCE		
11	Mr. Carl Markammad Barrensi	0244-930059	
11	Mr. Gul Muhammad Burguri	0244-930249-55	0244-930059
		Ext:2214	
	DIRECTOR INFORMATION TECHNOLOGY		
12	Mr. Ayaz Ahmed Qureshi	0244-930249	
	M.Sc. (Computer Technology), M.S (I.T)	Ext:2244	
	SENIOR LIBRARIAN		
13	Mr. Abdul Sattar Mahar	0244-930249-55	
	MLS	Ext:2241	

#### TEACHING AND LEARNING FACILITIES

#### **LECTURE HALLS:**

All lecture halls are air conditioned and fully equipped with multimedia, white boards, and other teaching facilities.

#### LIBRARY:

The library is well furnished and having enough books of Allied Health Sciences and Basic Medical Sciences. Access to the Central/Digital Library.

#### **SKILL LABS:**

At PTH, we have the following fully equipped skill Labs:

- Skill Lab MLT
- Skill Lab Anesthesia
- Skill Lab Intensive Care
- Skill Lab Cardiology
- Anatomy Museum

#### **COMPUTER LAB:**

Computer/IT Lab is fully equipped with advanced computer systems and high-speed internet connectivity. Students have access to online literature, and they can utilize it for their routine academic requirements.

#### **HOSPITAL/CLINICAL TRAINING:**

All the clinical training will be provided at Peoples Medical Collage Hospital Bedded 875 along with attached Institutes (Institute of Mother & Child Health bedded 300, Benazir institute of urology & transplantation Bedded 300 & Nuclear Medicine oncology & Radiotherapy institute Nawabshah 100 Bedded) tertiary care hospital. It is the third largest health care facility in the Sindh Province, having around 20 departments. It has all the major and minor specialties with state-of-the-art diagnostic and supportive services such as pathology, radiology (CT scan & MRI), dental, anesthesia and cardiology.

#### **HOSTEL FACILITIES:**

Hostel facility is available for female students in the campuses with all necessary requirements.

#### SPORTS/EXTRA CURRICULAR ACTIVITIES:

Annual sports week will be organized each year. A study trip will be conducted every year.

#### TRANSPORT:

Transport will be provided to female students from the centralized pool of PUMHSW.

#### **SAFETY & SECURITY:**

The college is provided with good security arrangements e-g CCTVs/DVR and the services of security guards. They provide round-the-clock security to the campus. Fire extinguishers are available at every floor along with emergency exit.

#### **CANTEEN:**

The People's institute of Technologist in health has a separate canteen that serves during working hours. Besides catering for the food and drinks, some daily needed items are also available.

# POLICIES/RULES & REGULATION

### **ADMISSION ELIGIBILITY**

- People's institute of Technologist in Health offers admission in 4 (four) different disciplines with a limited number of seats.
- The candidates will apply on prescribed form available at the official website of PUMHSW (pumhs.edu.pk).
- Admissions will be opened for male/female gender having Domicile of Sindh.
- Candidate shall have passed HSC-II (Pre-Medical) conducted BISE secured at least 50% marks or its equivalent or 'A' level and have secured at least 60% marks (C-Grade) in aggregate passed from any Board of Higher Secondary Education in Pakistan or any institution from foreign countries duly recognized by Inter Board Committee of Chairman (IBCC) are eligible to apply for admission.
- The candidate who has passed HSC-II (Pre-Medical) examination 2020-21, 2021-22 & 2022-23 and secured at least 50% as aggregate in the subjects of English, biology, Physics & chemistry shall be eligible to apply for admission.
- Fresh candidates who have a diploma of one year in the concerned discipline from a recognized institute can apply in the concerned discipline.
- Admission will be purely on merit based, approved by admission/selection committee of PUMHSW as per policies.
- The decision of the admission committee will be deemed as final.
- Selected candidates will be medically checked by the college Medical Board for their fitness or otherwise.
- After selection the student must deposit original documents to the university.
- Age limit 17-25 years.

- Institute will charge 50% of total Fee from All Faculty Members of PUMHSW, Nawabshah. SBA.
- Candidates having the Hafiz ul Quran certificate will be given an additional 20 marks, which will be added to their HSC-II marks.
- Reserved seats for disabled person as per government of Pakistan's policy.

#### Note:

- Candidates who obtained less than 50% marks are not eligible.
- candidates who have completed their diploma through online courses are not eligible to seek admission.

### ADMISSION/SELECTION COMMITTEE

<ul> <li>Vice chancellor</li> </ul>	Chairman
<ul> <li>Pro-Vice Chancellor</li> </ul>	Member
<ul> <li>Academic Director</li> </ul>	Member
• Principal PITH	Member
• Registrar	Member
<ul> <li>Dean of Faculty of Medicine Allied</li> </ul>	Member
<ul> <li>Dean of Faculty of Surgery Allied</li> </ul>	Member
<ul> <li>Dean of Faculty of Basic Medical Sciences</li> </ul>	Member
• Dean of Faculty of Community Health Sciences	Member

#### **ENTRY TEST**

- All eligible candidates for admission to Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular sciences Technology (BS-CST) & Bachelor of Sciences Medical Laboratory (BS-MLT) will be required to appear in the Entrance Test.
- The entry test shall be conducted from the prescribed intermediate syllabus of Boards of Intermediate and Secondary Education of Pakistan.
- There will be 100 multiple choice questions in the test distributed in the following manner:
  - a) Biology 30 questions
  - b) Physics 30 questions
  - c) Chemistry 30 questions
  - d) English 10 questions

Formula for Working out the Overall Merit:

- a) Matric Science/ O level / Equivalent 10% weightage
- **b)** HSC-II (Pre-Medical) / equivalent Examination 40% weightage extra 20 marks added having Hafiz Ul Quran certificate.
- c) Entry test 50% weightage.
- The time allotted to solve the paper will be 120 minutes.
- Each correct answer shall be awarded 01 (one) mark and there will be no negative mark for any incorrect answer.

In case the overall score of two or more candidates are equal, the candidate securing higher marks in the HSC-II (Pre-Medical/Qualifying Examination) shall be ranked higher in merit for the purpose of admission. If the HSC-II marks are also equal the candidate securing higher marks in Matriculation shall be ranked higher in merit for the purpose of admission and if the Matric marks of two or more than two candidates are also equal only, then the candidate older in age shall be ranked higher in merit for the purpose of admission. The production of equivalence of marks sheet from IBCC shall be the responsibility of the candidate.

The candidates who apply for admission on the basis of fake certificates / documents and detected at any stage shall be liable to prosecution under criminal law and their admission shall be cancelled. Also, they may be debarred for a period of 03 years for future admissions.

#### **MEDICAL EXAMINATION**

All the selected candidates shall have to undergo a medical examination through medical board constituted by the University.

The Selected candidates must produce the reports of following investigations.

Blood CP+ESR

Urine DR

X-Ray Chest

Vaccination Certificate against HBV

Screening of Hepatitis B & C Virus.

#### CANCELATION/ DISCONTINUANCE OF ADMISSION:

- The admission committee of PUMHSW has the right to cancel admission at any stage if the documents presented are found to be fake.
- A written application for cancellation/discontinuance of admission with suitable reasons will be required if any selected student wants to cancel/discontinuance her admission at any stage of the program after the cutoff date prescribe by the statutory authorities/university for admission to the first year of the course, they will submit a Pay Order of Rs.350,000/-(Rupees Three Lac Fifty Thousand only) in favor of the respective university as a penalty for wasting a precious seat.
  - Fee deposited is refundable as per the Refund policy guidelines of the PITH, PUMHSW.

Percentage % of Fee	Timeline for Semester
Full (100%) fee Refund	Up to 7th day of commencement of classes
Half (50%) fee Refund	From 8th to 15th day of commencement of classes
No Fee (0%) Refund	From 16th day of commencement of classes

#### **MIGRATION POLICY**

• For Migration, rules and regulation described by PUMHSW will be followed.

#### Change of discipline:

• There will be no change of discipline once selected.

#### Policy on Change of Name / Date of Birth:

The name and date of birth of candidates will be registered in the records of the university as given in their SSC Pacca Certificate only. No request will be considered Later, to correct the date of birth & spelling of the name of the candidates.

- The parents/Guardian and candidates are requested to verify & confirm these entries in the SSC Pacca Certificate at the time of the receipt of the same.
- Once admitted to a course of study in the university, the date of birth & spelling of name. as furnished in the SSC Pacca Certificate and submitted to the university at the time of the admission, shall be taken as final proof and no subsequent request for change of date of birth & spelling of name will be entrained by the university at any time under any circumstance, either during the course of study or after the completion such study. The student should take utmost care while entering their details on the portal at the time of their registration. Thay are responsible for any data mismatch at later stage.
- Every student shall give an undertaking to this effect duly countersigned by his/her parent or guardian at the time of admission.

#### **Policy on Ragging:**

• Ragging is strictly prohibited in the university campuses.

#### **IMPORTANT NOTE:**

All admissions are subject to fulfillment of all the prescribed eligibility conditions by the candidate. If it is found either at the time of admission or at a later stage, that the candidate has given false information/forged certificates or concealed material information, her admission shall be cancelled, and the student shall be dismissed from the college immediately.

- The University reserves the right to change the curriculum, course structure and the rules relating to admission, examinations, fee structure, refunds, etc.
- All disputes arising in the interpretation and implementation of the provisions will be referred to the Vice-Chancellor of PUMHSW, Nawabshah, and Vice-Chancellor 's decision shall be final and binding.
- In respect of matters relating to or arising out of this prospectus the jurisdiction shall lie in Puducherry alone.

#### **Classroom Policy:**

• The classroom session runs from Monday-Saturday 8:30AM to 2:30PM, Friday 8:30AM to 12:30PM.

#### **Attendance Policy:**

• It is mandatory that student attend all academic sessions including lectures, Tutorials, demonstration, seminars, practical's, assignments, hospital clinical wards & examinations.

#### Flowing Are Specific Policies Relative to Attendance:

- Students should be present in class at the scheduled time. Students arriving late within ten minutes of scheduled time will be marked **late** whereas those arriving after ten minutes will be marked **absent**. Three times being **late** will be considered as one **absence**. Students must be aware that informed/Sick/emergency leaves will also reduce
  - The percentage of attendance as absentee will.
- As per requirements of Peoples University of Medical & Health Sciences for Women Shaheed Benazirabad Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular Technology (BS-CVT) & Bachelor of Sciences Medical Laboratory Technology (BS-MLT) respective councils, A minimum of 75% overall attendance is required for all subjects. The attendance of each student will be assessed before all exams. Those failing to meet required attendance will be allotted zero marks in subsequent exam/assignment and graded presentations and not eligible to appear in the professional examinations.
- Regularity and punctuality are essential. If a student is absent for three days without prior approval, he/she
  should submit a written explanation along with supporting documents to the university management. Failure to
  provide supporting documents and valid reasons for absenteeism disciplinary action will be taken against the
  student.
- Repeated absence from lectures, practical's, tutorials, demonstrations, and hospital clinical wards, without any justified/cogent reasons, will make a student liable for expulsion from university.
- The students must periodically check their attendance records from the concerned department.
- In all cases, leave taken will be at the student's own risk so far as the percentage of attendance is concerned and even the medical certificate will not condone any deficiency in attendance.
- Leave application less than one week shall be recommended by the program coordinator.
- The students who do not meet the required percentage of attendance, i.e., 75%, will have to make up for their deficiency by attending special classes during vacations or preparatory holidays & despite the fee Rs.1500/- per lecture collectively.

- The candidate having attendance less than 60% shall not be eligible to appear in the semester examination but she will be allowed to move in the next semester as mentioned in the "organization of semester system".
- However, the candidate having attendance less than 40% shall not be eligible to appear in the re-sit semester examination. He / She shall appear with the next junior batch after fulfilling the required attendance in particular semester.

#### HOSPITAL/CLINICAL TRAINING POLICIES:

Attendance and timings in the clinical training will also be observed critically and there will be no compromise on these. Students are expected to follow the scheduled time strictly. If a student fails to secure 85% attendance in the clinical training, their marks will be deducted. In addition, students are also required to update their Logbooks on daily basis and must submit them on time at the end of the term (before commencement of final exam). If any student did not submit the Logbook, he would be given zero marks. according to the following process.

#### • For Unsafe Practice

- Documentation in "Incidence Form"
- ➤ Learning contract / corrective action.

#### • For Unethical Behavior

- Any misbehavior / misconduct will never be tolerated.
- > There will be a formal hearing.

#### **GENERAL POLICIES:**

- Students are primarily responsible for their own learning and completion of the scheduled examinations and attendance of all academic activities.
- The entire building of College and Hospital including washrooms and student lounges have been declared as "No Smoking Zone". Students are expected to respect it.
- Eating and drinking is prohibited in the classrooms/tutorial rooms, learning resource center and libraries etc.
- The students are expected to always dress in a simple and decent manner in campus. Tight trousers / Jeans, unpleasant shades and undesirable figures on shirts must be avoided. Students must wear lab coats while going to lecture halls, library and in hospital premises during duty hours.
- Students are not permitted to use mobile phones at any time while they are in campus or in the clinical areas.
- Students are not allowed to use Admin office phone for their personal use.

- Students are not allowed to attend visitors inside the college at any times.
- Written authorization from the principal is required before making any public statement, communication or correspondence with the press or other media for mass communication.

Disclaimer: For all the policies, there could always be an exception. For individual cases, depending on the nature of case, decisions are given by the relevant committee/competent authority.

### **DRESS CODE**

To maintain academic dignity and sanctity of the institute and to promote proper academic environment, students are required to be properly dressed.

Students will wear white coats with emblems according to the course program.

**Summer Dressing for Male students**: white shirt, steel grey tie, Black pantaloons with simple black belt along with simple black shoes and white socks.

**For Females**: Aqua/Sea green shirt, Scarf/Dupatta with white Shalwar/trousers and plain white dupatta along with year-based color code over the Hamline is compulsory & simple shoes and socks.

Winter addition: Only Black Coat/Sweater with emblem logo according to course program is allowed for students.

#### Note:

- Wearing Lab coat all the time inside the campus is mandatory.
- Students must come without jewelry. Earrings must not dangle from the ear lobe. Visible body piercing, other is prohibited. All body Tatos must be covered.

- Skintight shirts & trousers are not permitted. Under garments color or style should not be visible.
- Low rise, tattered with patch work jeans, flip flops/slippers are NOT ALLOWED.
- No midriff of legs / claves exposure.
- Not plunging neckline, sleeveless or drop shoulder shirts are permitted.
- Shirts with Hamline no higher than two inches above the knee are accepted.
- Uniform shalwar/trouser are to be no shorter than ankle length.
- The students should not wear fragrances.
- Student will maintain short natural fingernails; nails must be clean and well-manicured with no edges; no nail polish & artificial fingernails are prohibited.
- Makeup conservative and appropriate for the work setting hair must be clean and neat with no extreme styles of the shoulders and contained.
- Hair must be clean combed and neatly arranged to confirm to the safety requirements of the specific area.
- In keeping with professionally appropriate at extreme hair colors including but not limited to green, pink, purple, or blue are not permitted.
- Body or hair cleanness is mandatory. All odor which may interfere with the health of the patient are not allowed distinctly scented collagens perfumes body lotions and cigarette smoke odor.

If special dress accommodations are needed inform your instructor, the instructor will consult with the facility.

#### **Consequences For Dress Code Violation:**

If a student reports to the classroom improperly dressed, her faculty director may instruct the student to return home to make appropriate changes. Students violating the dress code.

- Will be given warning once only.
- On the next violation fine up to Rs. 1000/- may be imposed.
- On subsequent violation explanation letter will be issued and fine up to Rs. 1000/- may be imposed.
- On repeated violation, the student will appear before disciplinary committee.

# BULES FOR THE PAYMENT OF FEE

- 1. Pay order of Fee for 1st year tuition fee of Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular sciences Technology (BS-CVT) & Bachelor of Sciences Medical Laboratory (BS-MLT) will have to be paid within 15 days of admission.
- 2. Pay order of one year tuition fee will have to be paid within one month after the start of 2nd, 3rd, & Final year of BS-ICT, BS-AT, BS-CVT & BS-MLT.
  - In case the fee is not submitted during the given specified time late payment charges will be charged as follows:

First month after lapse of first month......2.5 % of tuition fee
Second month ......5.0 % of tuition fee
Third month.....7.5 % of tuition fee
Fourth month......10 % of tuition fee

- 3. Fees of all categories may be increased by 10% every year.
- 4. AFTER FOUR MONTHS OF NON-PAYMENT, THE SEAT IS LIABLE TO BE CANCELLED AND STUDENT WILL NOT BE ALLOWED TO APPEAR IN ANY EXAMINATION.

The fee deposited is refundable as per the Refund policy guidelines of the PIMT, PUMHSW.

Percentage % of Fee	Timeline for Semester
Full (100%) fee Refund	Up to 7th day of commencement of classes
Half (50%) fee Refund	From 8th to 15th day of commencement of classes
No Fee (0%) Refund	From 16th day of commencement of classes

• The percentage of fee shall be applicable on all components of fee, except for security and admission

charges.

• The timeline shall be calculated continuously, covering both weekdays and weekend.

**Note**: All late admission cases (Admission offered after commencement of classes), the days for fee refund shall be counted from the date of admission as per above table.

- 1. Taxes will be applied as per the FBR rules.
- 2. Amounts stated in the fee vouchers are excluded from all Bank charges.
- 3. The Fee Structure may be revised by the university at any time during the study, due to unavoidable circumstances.
- 4. The fee and dues will be charged by each student per year as per details given in the prospectus.
- 5. All fees and dues of the first year must be paid on or before the last date mentioned in the offer letter of admission, otherwise her admission will be cancelled, and seat will be offered to the next candidate on merit list.
- 6. For subsequent years, fee and dues for academic year if not paid within 15 days of start of year a fine of Rs. 100/- per day will be imposed. If the student fails to pay her fee and dues within 30 days, her name will be struck off from the institution.
- 7. There is no fee concession/installment policy.
- 8. Fine once levied will not be condoned.
- 9. Any change in the fee is subjected to decision of Director Finance.

Sr No.	Items	Fee Structure
1	Admission fee (once)	Rs. 50,000/-
2	Registration Fee (once)	Rs. 5000/-
3	Tuition fee (Per Year)	Rs. 140,000/-
4	Students' welfare fund (Per year)	Rs. 3000/-
5	Newspaper/college magazine (Per Year)	Rs. 2000/-
6	College security (refundable)	Rs. 5000/-
7	Library Security Fee (once)	Rs. 5000/-

8	Transport charges (Per year)	Rs. 30,000/-	
9	Labs work practical fee (Per year) Rs. 10000/-		
10	The examination fee (Per year)	Rs. 10000/-	
11	ID Card Fee (Per year) Rs. 1000/-		
12	IT Library charges (Per year)	Rs. 2000/-	
13	Documents Verification Fee (Once)	Rs. 5000/-	
Total dues for first year Rs. 268,000/			
Total dues for second year and onwards Rs. 198,00			

- The above amount is excluded from government taxes.
- Taxes applied as per FBR rules.
- The amounts stated in the fee vouchers are excluded from the bank charges.
- The fee structure may be revised by the university at any time during the course of the study, due to unavoidable circumstances.

#### Fee for Candidates University Hostel Fees (Those who avail hostel facility)

SR NO.	FEES	DURATION	AMOUNT
1	Admission Fee	Per Year	Rs. 10,000/-
2	Room Rent (including Electric & Water Charges)	Per Year	Rs. 6000/-
3	Hostel Maintenance and repair (Non GOVT)	Per Year	Rs. 5000/-
4	Hostel ID Card	Per Year	Rs.500/-
			Rs.21,500/-
F-Block	<u>*</u>	Per Year	Rs. 45,000/-

<sup>\*</sup> Room in F-Block shall be allotted on request subject to availability.

<sup>\*</sup> This amount shall be in addition to regular hostel fees. However, an amount of Rs. 6,000/- (Hostel Room Rent) Shall be adjustable, if paid earlier, while charging F-Block fees.

#### Note:

- 1. Candidates admitted will be charged tuition fee in proportion to their repeated subjects in case of their failure in any examination.
- Penalties will be charged from the students who fail to pay their fee (tuition and admission) within due date at the rate of Rs. 5,000/Per Month.
- An additional fee of Rs. 500/- will be charged from student who requested re- issue of hostel Identity card in case of loss.

#### **REFUND OF HOSTEL DUES:**

- Full hostel dues shall be refunded till the 7th day of commencements of classes.
- Half of the hostile fees shall be refundable from 8th to 15th day of commencements of classes.
- No fee shall be refunded from 16th day of commencements of classes.

FEE STRUCTURE OF TERM BACK/FAILURE STUDENTS OF BACHELOR OF SCIENCES INTENSIVE CARE TECHNOLOGY (BS-ICT), BACHELOR OF SCIENCES ANESTHESIA TECHNOLOGY (BS-AT), BACHELOR OF SCIENCES CARDIOVASCULAR SCIENCES TECHNOLOGY (BS-CST) & BACHELOR OF SCIENCES MEDICAL LABORATORY (BS-MLT).

SEMESTER	NO. OF SUBJECT	CHARGES
Any Semester	02	1/2 Per Failed Subject (Each Semester)
Any Semester	03	1/3rd Per Failed Subject (Each Semester)
Any Semester	04	1/4th Per Failed Subject (Each Semester)
Any Semester	05	1/5th Per Failed Subject (Each Semester)

#### **NOTE:**

Fee will be charged as per course and category of admission in which student has been admitted.

#### HOSTEL AND MESS RULES FOR FEMALE STUDENTS

For the purpose of admission to the hostel. Allotment of accommodations, arranging and organizing messes, the following rules and regulations as laid down hereinafter shall be followed.

#### A. CONDITIONS FOR ALLOTMENT OF ACCOMMODATION IN THE HOSTEL

- 1. Allotment in the hostel shall not be claimed as a matter of right even when a person is a Bonafede student of the institution.
- 2. Allotment of accommodation in the hostel will be made on availability. First come first serve basis.
- 3. Allotment of accommodation in the hostel will be for 1st to consecutive academic years, after this, allotment shall be renewed per year. And if, student wants to leave the hostel, she shall inform the hostel authorities before (15) days leaving the room to make her allotment cancelled.
- 4. The maximum period of stay in the hostel shall under no circumstances be more than 4 & ½ academics years provided that fresh allotment is made in each year by the competent authority in accordance with the allotment policy.
- 5. Hostel accommodation shall not be provided to those students who belong to the Shaheed Benazir Abad District.

#### **B.** CONDITIONS OF IN ELIGIBILITY

The following shall be in-eligible for allotment of accommodation in the hostel.

- 1. A student rusticated, expelled, or debarred from the University or any other educational institution inside or outside.
- 2. A student wanted by the police or any other law enforcing agency (ies) in criminal cases or against whom case (s) is / are pending in any court of law of the country on account of anti-social activities or for criminal offenses involving moral turpitude or has been or has remained under detention under any

preventive law. Care will be taken that the mere pending of criminal case against a student in court of law shall not render her in-eligible for admission in the hostel. The discipline committee of the institution may, however, on appraisal the transaction leading to institution of the case, record of finding that the conduct of students therein was of a nature as to bring disgrace to the University rendering the students unfit for allotment of accommodation in the hostel. It will also be ensured that on honorable acquittal by the court, the student so declared ineligible be reconsidered for admission in the hostel and may be so admitted if otherwise found eligible.

#### **NON-ELIGIBILITY:**

- 1. A student convicted by a court of law in the country on a moral, social or any other criminal offenses.
- A student who has been found and held guilty of misconduct or indiscipline by the competent authority.
- A student whose presence in the hostel is deemed to be detrimental or prejudicial to the peace, tranquility and academic atmosphere of the hostel or institution and the interest of the residence of the hostel & campus.
- Resident once expelled from the hostel.

#### C. ALLOTMENT PROCEDURE

- Application for hostel be made by student of the medical institution on prescribed form H-1 accompanied by undertaking from parent/guardian in the prescribed form H-2 attested and verified by the judicial magistrate of the area along with their national identity cards and an undertaking on the prescribed form duly filled in and signed by the parent / guardian and two sureties, identifying the guardian/parent and also certifying good conduct of the applicant.
- In case of the foreign students, the recommendation & undertaking of the prescribed proformas for the admission and the guarantee for the payment of hostel dues and good behavior will be

- obtained from their respective embassies or consulates.
- The hostel allotment committee will consider the application for the allotment based on criteria fixed by it. The allotment committee shall have the right to reject any application without assigning any reason.
- 4. Residents will be renewed their allotment year by year after the valid date. And students of self-finance basis also pay the hostel fees and follow same procedure.
- After the names of the successful candidates are announced, they shall comply with the allotment requirements to the hostels within the prescribed time limit or their names shall be taken off the allotment list.
- 6. Guests shall not be allowed to stay in the hostels.
- The allotment of accommodation will be made after the candidate has produced payment receipt of the fees / dues against her.
- The applicant shall have to furnish a written undertaking on the prescribed form her parent / guardian holding her responsible for payment of hostel dues in case her ward fails to make the payment.
- 9. Residents shall sign a receipt of hostel property / assets in their rooms and shall be responsible for any loss or damage thereto.
- Residents shall strictly abide by all the rules of discipline, conduct and regulations that may be enforced in the hostel from time to time.

#### D. CONDUCT & DISCIPLINE

The following in addition to rules of conduct which may be prescribed from time to time shall constitute acts of indiscipline and violation of hostel discipline for which action may be taken against the hostel resident concerned by the officers as prescribed in clause I:

1. Keeping firearms and other lethal weapons or any other material not necessary for academic Pursuits

- in the hostel even if licensed.
- 2. Keeping unauthorized persons in the room / seat Allotted to a resident.
- Shifting to a seat / room other than the one allotted to the resident without prior permission of the allotment Committee.
- 4. Sub-letting the seat /room allotted to the resident or any other room lying vacant due to any reasons.
- No handing over vacant possession of the room / seat at the end of the period for which allotment Was made.
- 6. Non-payment of hostel dues during the period of the Year for which allotment was given in the Hostel.
- 7. Keeping or making use of illicit drugs or other intoxicants, not including drugs prescribed by Authorized medical attendants on account of any illness suffered by the hostel resident.
- Keeping electric appliances such as refrigerator, air conditioner, television, oven, burner, heater etc, in the room.
- 9. Parking cars or other vehicles in places other than the designated parking lots.
- 10. Engaging in any immoral or agitation and violent activities or creating nuisance or disturbing the peace and tranquility in the University campus.
- 11. Inviting or entertaining male visitors in the female hostel is not allowed.
- 12. Causing willful damage and /or causing damage by acts of vandalism, removing or damaging hostel or institution property.
- 13. Barricading stairs, corridors, gates, and other areas in the hostel / campus of general use.
- 14. Staging sit-ins, lockups, occupying hostel wardens or other administrative offices.
- 15. Use of abusive language towards other residents and / or institution authorities and employees.
- 16. Use of hostel rooms or premises for group parties, political assemblies and for purposes other than those for which they are meant.
- 17. Inviting outsiders to address hostel residents without the permission of authorities.
- 18. Pasting of posters / chalking on hostel or other campus buildings, premises or compound walls or

### Any portion thereof.

- 19. Inciting parochial, linguistic, sectarian or religious feeling among hostel residents
- 20. Students leaving and coming to the hostel will be required to sign the register at the hostel gate or reception stating the reasons for arrival or departure.
- The hostel authorities shall reserve the right to search the personal belongings and baggage of the residents at the time of entering the hostel or while residing in the allotted accommodation.
- 22. Cooking in the hostel rooms in strictly prohibited.
- 23. The University administration is not responsible for the loss of any property of the hostel resident.
- 24. All damages will be repaired at the expense of the Boarder responsible.
- No newspapers, periodicals or magazines other than those authorized by warden shall be brought Into the hostel by any boarder.
- 26. Student shall take due care of the bathrooms and taps and shall not allow them to run waste. Anyone found doing this intentionally will be liable to Punishment.
- Defacing walls and fixtures is strictly prohibited, moreover the furniture or fixtures will not be moved from one room to another and the residents are particularly warned against removing furniture from the Mess and Common Room.
- 28. Students must keep their rooms clean and tidy. The beds should be properly arranged, and a bed cover used. Dirty clothes should be stored separately.
- 29. Spitting in public or private rooms, verandah or on stairs is prohibited.
- 30. All waste papers and garbage must be placed in dust bins provided for the purpose.
- 31. Every part of the hostel premises shall be freely open for inspection by the Superintendent or warden at any time.
- 32. No religious ceremony likely to injure the feelings of other boarders shall be arranged in the hostel.

33. No boarder shall indulge in any amusement that disturbs other boarders.

### **ACTION AGAINST INDISCIPLINE:**

- Depending upon the severity of the in disciplinary act/omission on the part of the resident (s) of the Hostel. The defaulter student shall be dealt with in accordance with the University Resolutions.
- In addition to above the Allotment Committee may in case of the gravity of an offense provisionally cancel allotment of accommodation in the Hostel and refer the matter to the University discipline committee with the recommendation for further necessary action leading to rustication from the University.
- In case of loss due to act (s) of vandalism, the matter relating to assessment of damage/loss will be referred to the Hostel Allotment Committee who while assessing the loss will also fix the responsibility and extent of loss on the person(s) liable for the act from whom recovery should be done. In the absence of evidence leading to fixation of individual responsibility, the Hostel Allotment Committee may decide to order recovery from all the residents or such of the residents as may held liable and act of vandalism.

### **E.** Student Messes:

- Any group or students not less than 20 and not more than 60 or the number as may be fixed by the provost depending on particular situation in the Hostel, who may wish to run their mess shall obtain such prior permission on prescribed form, from the provost on the recommendation of the Warden who shall be one of the resident students of the Hostel.
- The Manager shall produce the list of residents who will be catered for in her mess, and the list of cooks and other staff engaged in the mess along with their full identification which will be subject to official scrutiny through appropriate agencies.
- 3. The provost Warden may refuse or allow any person to work on the staff on any mess without

assigning any reason. The Manager shall, on her personal responsibility certify that the cooks and other staff engaged in the mess are of good character, are not criminals, previous convicts, assigned to him or acquired or engaged by him on account of any political associations. If at any time a certificate is given by the Manager shall be liable to disciplinary action as hostel resident.

- 4. As well as a student at the University.
- 5. Students who may not join mess can only take their meals in the canteen. Any student found taking meals in the room shall be liable for disciplinary action.

#### F. Hostel Canteen:

No student resident shall be allowed to manage or operate any canteen or tea stall in the hostel, in case of need, more than one canteen may be established in the hostel premises, which shall be supervised by the hostel administration committee.

# **SCHOLARSHIP**

These facilities are intended to help the poor, deserving, talented, regular and meritorious students. This facility shall be stopped at any time by the Head of Institution if he feels that the student / awardee is not making progress in his/her studies and indulging himself/herself in unhealthy activities prejudicial to his/her education advancement, or against whom an F.I.R. has been lodged in any criminal case.

### **MERIT SCHOLARSHIP:**

(i) Three merit scholarships each year and each course that is Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences

Cardiovascular Technology (BS-CVT) & Bachelor of Sciences Medical Laboratory (BS-MLT) based on results of the Professional University Examinations.

(ii) The value of the scholarships will be as follows:

### Students Standing First, Second & Third Rs.1,500/- Per Month.

- (iii) These merit scholarships shall be given irrespective of any other scholarship being received by the student.
- (iv) In case of a tie (viz. having equal marks) the preference for the award of Merit Scholarship will be given to a student who got better position in previous year's examination.

# RULES AND REGULATIONS

Regulation Relating to Discipline, Conduct, Welfare and Code of Honor for the Students of the University and its Affiliated Colleges

### 1. SHORT TITLE

These Regulations may be called the Peoples University of Medical & Health Sciences (Students Discipline, Conduct, Welfare and Code of Honor) Regulations 2012.

- (i) The Regulations shall come into force with immediate effect.
- (ii) These Regulations shall apply to the students of PUMHSW, Nawabshah (SBA).

### 2. GENERAL DISCIPLINE AND CODE OF HONOUR

Every student, including students residing in a hostel, shall observe the following Code of Honor.

• The College expects its students to strive for the acquisition of attributes that benefit objectives of PITH. These attributes, in turn should be reflected in their everyday behavior, attitude and attire.

- All students are expected to show high standards of honesty, morality, and discipline.
- Students will always respect the rights and privileges of all members of PITH and the hospital and abstain from conduct that might damage the reputation of PITH and that may lead to the disruption of any academic program of the College.
- Students are expected to show tolerance, understanding and respect to others while sharing their point of view. In case of any misunderstanding with peers, faculty members or college authorities' discussions and open exchange of view is encouraged.
- Students are expected to be respectful to members of the opposite gender and be cognizant of Pakistani cultural norms in cross gender interaction at all times. In addition, they will refrain from any behavior that can be interpreted by others as harassment.
- He/She must be faithful in his/her religious duties and respect the convictions of others in matters of religion and customs.
- He/She must be loyal to his/her country Pakistan and refrain from doing anything which tends to lower its honor and prestige.
- He/She must keep clean in body and mind, standing for clean speech, clean sports, and clean habits.
- He/She shall help her fellow beings, especially those in distress.
- He/She must devote himself/herself faithfully to his/her studies.
- He/She must observe austerity and protect public property.

# Following conditions will be considered as offense to the institution and will be dealt according to disciplinary policies:

- The following among others, shall constitute acts of indiscipline, for which actions may be taken against a student or students concerned by the officers mentioned in Regulations 2012.
- Breach of public morals, such as:
   Use of indecent or filthy language, Use of immodest dress, Use of undesirable remarks or gestures,

Disorderly behavior, such as shouting, abusing, quarrelling, fighting and insolence.

- 1. Defiance of any University authority.
- 2. False personification or giving false information or willful suppression of facts, information, cheating or deceiving.
- 3. Beating or assault on students, faculty or clients or member of staff.
- 4. Any form of unauthorized rallies, demonstration, or any sort of organized obstruction against student/college, hospital function in any manner whatsoever.
- 5. Malicious acts, thefts, willful damage, or misuse of college property & the property of fellow students or teachers or employe of the university.
- 6. Unauthorized housing of persons in the hostel or other building in the university.
- 7. Cheating, plagiarism, or the use of unfair means in examination or any other academic setting, the student will be assigned zero credit in that paper/assignment.
- 8. Possession, use and display of firearms, drugs, alcohol, or other contraband items in campus or at university related events.
- 9. Commit criminal, immoral, or dishonorable act within or outside the University Campus Prejudicial to the interest and reputation of the University.
- 10. In case a student is involved in any illegal or criminal case, the concerned student will be responsible for putting up his/her defense.
- 11. "ZERO TOLERANCE TO AGGRESSION"
- 12. Collect money or receive donation(s) or pecuniary assistance for or on behalf of the University or any University organization except with the written permission of the Vice Chancellor.
- 13. Neglect his/her work habitually or absent from class without reasonable cause or permission of the relevant officer of the University.
- 14. Do not comply with the Regulations relating to residence in the hostels or hall of residence

- or the Regulations relating to the wearing of prescribed uniform or academic dress.
- 15. Do not pay fees, fines or other dues levied, within time, under the University Statutes and Regulations.

## OFFICIALS RESPONSIBLE FOR THE MAINTENANCE OF DISCIPLINE

Members of the teaching staff and Director Administration in general and Provost and hostel Warden of Peoples University of Medical & Health Sciences for women, Shaheed Benazirabad, shall be responsible for the maintenance of order among the students, while under their charge, and disorderly behavior must be dealt with promptly.

DISCIPLINARY ACTION PROCEDURE:

- Written complaint against the defaulter from students/ complainant to chairperson.
- Chance of defense in shape of explanation in writing by the defaulter.
- Based on information from different sources, decision would be made by disciplinary committee whether it is a minor or major infraction.

# MINOR INFRACTIONS/OFFENSES:

- It includes irregularities, absenteeism, defamation of profession and institution, for example blackmailing in newspapers, negative projection, plagiarism, breaking rules and damage of property etc.
- For minor infraction three written warnings will be issued, if there is no improvement then the case will be treated as a major infraction.

# **MAJOR INFRACTIONS/OFFENSES:**

• Major infractions/ offenses include theft, malpractice, misconduct, strikes, involvement in politics, unethical attitude with patients, addiction, suicide attempts, medication errors, cheating in examination and harassment etc.

### PENALTY FINAL DECISION OF PENALTY COULD BE EITHER:

Punishment or penalty for any of the offense mentioned under the proceeding Regulations shall be awarded according to the gravity of the case, and may be anyone or more of the following:

- 1. Written warning and consent from the parents to not repeat the same offence in future.
- 2.Record an adverse remark in the Black Book maintained by the Chairman / Provost.
- 3. Fine which may amount to a maximum of Rs. 10,000/-
- 4. Expulsion from the Class, Hall or Hostel for a specified period not exceeding six months.
- 5.Demoting six months back in the program/Detention from examination.
- 6. Termination from the Program/Blacklisting from the institution.
- 7. Cancellation of examination results or withdrawal of a certificate granted.
- 8. Withdrawal of the concession of free or half free ship and or cancellation of scholarship granted by the University.
- 9. Expulsion or rustication from the University for a specified period or for good.
- 10. Provided that no punishment shall be imposed without giving an opportunity to the student concerned to Show Cause and a chance to hear and defend her, if She, so desires.

### **AUTHORITIES OF COMPETENT TO IMPOSE PENALTIES:**

The authority to impose punishment or penalty shall be exercised by the officers to the extent given below and shall be recorded in the Enrollment Register maintained by the administrative officer.

(I) THE VICE CHANCELLOR, PUMHSW, Shaheed Benazirabad may:

- (a) Fine a student up to Rs. 10,000/- for each offense and deprive him of privileges and positions open to students.
- (b) Detain a student from appearing in a university examination.
- (c) Cancel the admission of a student or refuse to admit a student without giving any reason.
- (d) Direct a Director Admission to cancel the admission or not to admit a student.
- (e) Cancellation of University Scholarship, and
- (f) Expel or rusticate a student for a specified period or for good.
- (II) THE DIRECTOR ACADEMIC/ADMINISTRATION, PUMHSW, Shaheed Benazirabad may:
- (a) Fine a student up to Rs. 5,000/- for each single offence.
- (b) Expel a student from the University for a maximum period of one month.
- (c) Withhold character certificate of a student and make an adverse report to the Vice Chancellor.
- (III) THE DEAN OF CONCERNED FACULTY / CHAIRMAN OF DEPARTMENT may:
- (a) Fine a student up to Rs. 5,000/- for each 1 single offence and expel a student from the Department for a week.

### (IV) **HOSTEL PROVOST** may:

(a) Fine a student up to Rs. 2,000/- for each 1 single offence and expel a student from a Hall or Hostel for a specific period or for good.

### **FUNCTIONS OF DISCIPLINE COMMITTEE:**

The Discipline Committee of the University shall deal with such serious cases of indiscipline as may be referred to by the Vice Chancellor and punishment in such cases shall be imposed on consideration of the recommendation of the Committee.

Provided that no punishment shall be imposed without giving an opportunity to the students concerned

to Show Cause and a chance to hear and defend herself, if she so desires.

### **WELFARE COMMITTEE FOR STUDENTS:**

Each department of Peoples University of Medical & Health Sciences for women, Shaheed Benazirabad, shall set up a welfare Committee to keep in touch with the students and deal with their problems and look after their welfare in general. The members of this Committee shall be nominated by the Chairman / In-charge of teaching departments with the permission of Vice Chancellor, PUMHSW, Shaheed Benazirabad.

# LIBBARY AT INSTITUTE

- It is equipped with books pertaining to the subjects for Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular Technology (BS-CVT) & Bachelor of Sciences Medical Laboratory (BS-MLT) and Journals.
- The library shall be open to the teaching staff only during duty hours.
  - The library and reading room shall remain open on every working day during the prescribed hours.

The PITH Library Timing is as under: From 08:00 A.M to 02:00 P.M

- Books and journals will be issued to students only on deposit of their Medical University identity cards with the librarian.
- 4. Textbooks prescribed by the Medical University and reference books should only be read in the library.

- The students enrolled in Peoples University of Medical & Health Sciences for women, Shaheed Benazirabad, shall be entitled to borrow books from the Book Bank.
- 6. Each member is entitled to borrow a maximum of four books at a time for an academic year from 1st year to 4th year. The students of final year can borrow six books at a time for an academic year.
- 7. The member will be required to pay a Registration fee Rs.5000/- (non-refundable).
- 8. The member is required to pay a rental fee Rs.100/- per year for the books drawn from the Book Bank.
- 9. All the books are to be returned and the clearance from the Book Bank should be obtained by the borrower before appearing in the practical examination.
- 10. No certificate of any kind will be issued to such students who fail to return the books to the Book Bank in time.
- Books are to be kept in good condition. No marking is to be made inside the books. Any damage or loss of books will have to be made good or else, full price of the book will be recovered from the students.

# EXTRA CURRICULAR ACTIVITIES

- The PUMHSW, Nawabshah (SBA) shall arrange to provide for female candidates as many indoor games possible for the staff & female students.
  - No game shall be played during the college or hospital duty hours.
  - All students at the University/affiliated colleges must take part in anyone or more of these games according to their choice.
- Lectures by the distinguished visitors shall be arranged on approval of the Vice Chancellor / Dean

- Basic or Clinical Sciences/Head of institution.
- Visits to places of scientific, historic and culture interest can be arranged where students go to parties.
- All the students of PUMHSW, Nawabshah (SBA) will be members of the University Student's Council, which aims to organize, coordinate, and conduct the extracurricular activities and sports for the members, under the direction of Vice Chancellor PUMHSW. The Council shall be responsible for the following activities:
  - Sports
  - Institution Magazine: The Magazine will be published and will contain scientific general articles
    by staff and the students and record the activities of the institution and students. An editorial
    board consisting of the staff and the students will produce the Magazine.
  - Clinical Society
  - Social and Dramatic Society: The Society, in addition to an annual drama, arranges various other social activities.
  - Debating Society

# INTRODUCTION SEMESTER

# SYSTEM COURSES OF STUDIES, EXAMINATIONS AND MEDIUM OF INSTRUCTION

The system of teaching is an integrated semester system. It is a unique system in which education is delivered into a process where students can learn according to their interest. After evaluation of their performance / progress assessed through different type of tests and assessments, they earn degrees on their cumulative performance throughout the Program of their study, and they are not compelled to commit everything to memory for once-a-year performance.

The academic session shall comprise of two semesters each of sixteen (16) weeks, out of this period fourteen (14) weeks shall be the actual teaching period and the remaining two (2) weeks shall be for preparatory leave. The teaching of first semester may normally commence from 1st week of January and may continue up to the 1st week of April. There will be two (2) weeks preparatory leave. The examination consists of Theory (SBQ + Short essay+ Long essay) Practical (OSPE & OSCE.)

### **ACADEMIC DETAILS**

- Duration of course 4 years/8 semesters.
- Semester duration 16 to 18 weeks.
- Total number of credit hours 124-136.
- Number of courses per semester 4-6.
- Course load per semester 15-18 credit hours.

### **EVOLUTION CRITERIA**

- Terminal examination.
- Midterm examination.
- Final semester test.
- Assignment/presentation.
- Internal evolution.
- Attendance.

# OSPE/OSCE SYSTEM OF EXAMINATION

To provide uniform and bias free assessment of Practical/Clinical examination and to keep pace with improving teaching standard within country & abroad, OSPE pattern has been implemented to conduct practical / viva voce examination across the board. The teachers are taking their periodical test in basic and clinical side on OSPE pattern from January 2010.

# MEDIUM OF INSTRUCTION

Instructions in all courses / Laboratories / wards are carried out in English.

# ORGNIZATION OF SEMESTER SYSTEM

- Promotion from one academic year to the next higher academic year.
- Policy of conducting Re-sit (repeat) examination.

# FIRST AND SECOND SEMESTER EXAMINATION

First Semester students who after appearing in First Semester (Regular) examination, either declared pass or fail will be allowed promotion to second semester.

Upon promotion in second semester, students who have either passed or failed in first semester examination both will be allowed to appear in second semester examination.

Pending result of second semester examination, if the classes for third semester are commenced, students of second semester (either passed or failed in first semester) will be allowed to attend the classes of third semester.

After announcement of second semester examination result, students of first and second semesters will fall in the following groups.

- a) Passed First and Second Semesters.
- b) Passed First Semester but Failed in Second Semester.
- c) Passed Second Semester but failed in First Semester.
- d) Failed in both semesters.

Students under category b, c and d will then be allowed re-sit examinations of first and second semesters simultaneously while they remain under study process of third semester.

After announcement of re-sit (repeat) examinations result of both first and second semesters, the students will be bifurcated into the following groups.

- 1. Passed first and Second semester's examinations completely they will continue in third semester.
- 2. Students who failed either in First Semester or in Second Semester or both examinations will be reverted i.e. termed back to First Semester or in Second Semester or both with junior batch as the case may be.

Above group of students of Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular Technology (BS-CVT) & Bachelor of Sciences Medical Laboratory (BS-MLT) after term back will repeat the failure subject(s) of semester I or II or both with junior batch.

### **IMPORTANT:**

In case of their failure in subject(s) of 1st / 2nd / both semesters after re-sit /

repeat examination. They will be given two chances more. If does not clear 1st & 2nd semester in four attempts, they will cease to be eligible for further education in their respective course in Pakistan.

**Note**: This system is applied to all semesters in all subsequent years but in final year as per course.

Students who failed either in Seventh Semester & Eight Semester Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular Technology (BS-CVT) & Bachelor of Sciences Medical Laboratory (BS-MLT) Both examinations will continue to repeat failure subject (s) in re-sit Examinations till they completely pass Bachelor of Sciences intensive Care Technology (BS-ICT), Bachelor of Sciences Anesthesia Technology (BS-AT), Bachelor of Sciences Cardiovascular Technology (BS-CVT) & Bachelor of Sciences Medical Laboratory (BS-MLT) Examination.

# IMPORTANT DIRECTIONS

Every application for admission shall be accompanied by the entrance test & admission processing fee non-refundable.

Rs. 3000/- (Three Thousand only),

by paying challah in Habib Bank Ltd PMC Branch Nawabshah, A/C "1439-79014003-03" titled: "PUMHSW Online Students Receipts".

Three photocopies of the following documents duly attested only by a government officer of Grade-18 or above.

- a) Mark sheet of Matriculation & Pakka certificate
- b) Mark sheet & Pass Certificate of Intermediate (Pre-Medical) with minimum 50% marks.
- c) Equivalence Certificates from IBCC for A / O level examination.
- d) Transcript Certificate of A / O level.
- e) Permanent Resident Certificate (PRC) on form C of candidate.
- f) Domicile Certificate of Candidate.
- g) Domicile Certificate (Father/Mother/Guardian).
  - I. Domicile Certificate of the father (on form P-1). In case the father is not alive, and no Domicile Certificate has been issued to him, the mother's Domicile Certificate shall be acceptable. The Domicile Certificate of the candidate shall be accepted only if he/she is above 18 years of age, or her parents are not alive (supported by death certificate and no such Certificate was issued to them or where the mother has remarried after death of the father.
  - II. Candidate producing equivalence certificate of examination other than intermediate Boards of Pakistan shall have to produce certificate from the competent authority of having passed the following subjects.
    - 1. Chemistry, Biology, Physics and English.

- 2. A pass certificate in Pakistan Studies, and Islamiyat or Civics from any Intermediate Board of Pakistan for Muslims and Non-Muslims, respectively.
- 3. All the A-level and O-level results submitted for the equivalence, calculator shall be determined by the Inter Board Committee of Chairman, Islamabad (IBCC)

**ADDRESS:** Secretary IBCC (Inter Board Committee of Chairman) office No. 342, Street No 97, Sector G-9/4, Islamabad.

- III. Death Certificate of Father If not alive.
- IV. CNIC / B-form of candidate (from NADRA) VI) CNIC of Father/Mother/Guardian) (from NADRA) VII) Six passport size photographs (candidate).
- 1. Candidates having passed Intermediate (Pre-Medical) with minimum 50% marks shall also be eligible to appear in the Entry Test.
- 2. Entry Test will be conducted from the Intermediate Syllabus.
- 3. Affidavit Undertaking shall be given by the student and his/her parent or guardian on stamp paper of Rs.50 as per specimens given at appendix I, II, to the effect that they are not admitted in any other University or Medical college, and they have not submitted any false document.
- 4. The application form and required documents completed in all respects shall be submitted to the concerned Admission Office PUMHSW within the due date.

#### **AFFIDAVIT**

#### (To be typed on Rs.50/- Stamp paper)

(10 be typed on Rs.507 - Stamp paper)			
Ι, _	S/o D/o a candidate for admission in 1st	Muslim, <i>A</i>	Adult R/o
	a candidate for admission in 1st	t year, BS Inte	nsive care
	Technology, BS Anesthesia Technology, BS Cardiovascular Technology & Technology For the academic session 2022-23, in PUMHSW, SBA, do hereby s	k BS Medical l	Laboratory
	on oath as under:	state on solemn a	ammanon
1. T	hat I am a holder of P.R.C. of district, which	was issued on t	he basis of
	domicile of district, issued to me/my father/mother and I have	e no other PRC/I	Domicile of
	any other district in Sindh.		
2. T	hat if I am allowed admission in BS Intensive care Technology, BS Anesthesia Tech	hnology, BS Card	liovascular
	Technology & BS Medical Laboratory Technology on the self-finance, I shall	not seek admiss	sion in any
	other public sector / private sector Medical College/ Medical University or a	ıny other Degree	e College /

- University of the country against any seat of other District.

  3. That all documents submitted by me along with application form are genuine and correct and no false document has been submitted. If any document/information is found to be false, incorrect, or otherwise defective, I know that admission is liable to be canceled.
- 4. That after my final selection/provisional admission on open merit seat BS Intensive care Technology, BS Anesthesia Technology, BS Cardiovascular Technology & BS Medical Laboratory Technology. I shall complete the course of 04 (four) years. However, if I leave the PUMHS/College before completion of the course, I shall be liable to pay a penalty of Rs.350,000 (Three lacs and Fifty Thousand only) payable through Pay Order/Demand Draft to the PUMHS / College for wasting the precious seat of merit, I will not be entitled to issuance of any certificate from the Institution.
- 5. That I also undertake not to involve myself in any kind of political activity throughout my tenure in this institution as a Student and in case I am found involved in such activities, the authority of the institution shall be at liberty to expel/rusticate me and to cancel my admission.
- 6. That I also state that I have gone through all the rules, terms & conditions of admissions, studies and declare that my priority of choice for course is indicated in the application form.

7. That whatever is stated above is true and correct	to the best of my knowledge & belief.				
Signature of the Deponent	CNIC				
The deponent named above is identified by me to the Advocate	commissioner for taking affidavit.				
Solemnly affirmed on oath this dayof	2022-23 at by				
deponent named above who is identified to me by MsAdvocate whom I know. The contents were first truly & audibly read over & explained to the deponent inlanguage who appears to have understood the same & put /her signature in my presence.					
SEAL FIRST CLAS	S MAGISTRATE				

# UNDERTAKING BY PARENT/GUARDIAN

(To be typed on Rs.50/- Stamp paper)

I Parent/Guardian of do hereby undertake and assure that my daughter / son will not join any political activity directly or indirectly throughout his/her career as Technologist student. I also understand that if my daughter / son is found involved in any political and ethnic activity, I shall have no objection to his/her prior examination / rustication from the University.				
Signature of Parent	Guardian Full Address These executants is			
identified by me to the Attesting Authori	ty.			
<u>Advocate</u>				
read over and explained to the executants	Advocate. The contents of the undertaking are s in language, e same and put his/her signature/thumb Impression before me.			
SEAL	FIRST CLASS MAGISTRATE			

### **Check List**

- Photocopy of Challan Slip of deposited in designated branch of HBL Original Application Form
- Original Admit Card duly completed.
- Three Photocopies of Matriculation Certificate (SSC) or O-Level equivalence certificate by IBCC
- Three Photocopies of Matric Marks Certificate or O-Level equivalence Certificate by IBCC
- Three Photocopies of Intermediate Science Marks Certificate (HSC) or A-Level equivalence Certificate by IBCC or who have passed Intermediate (Pre- Medical) with minimum 60% marks, shall also be eligible to appear in the Entry Test.
- Three Photocopies of Candidate's Domicile Certificate of any district of Pakistan.
- Three Photocopies of Candidate's Permanent Residence Certificate (PRC Form "C") of any district of Pakistan.
- Three Photocopies of Domicile Certificate & PRC of Father / Mother / Guardian of any district of Pakistan.
- In case father is not alive, Death Certificate of Father (Three Photocopies) Three Photocopies of Candidate's NADRA National Identity Card or "B" Form (if candidate is below the age of 18 years)
- Three Photocopies of National Identity Card of Father/Guardian, issued by NADRA.
- Photocopy of Intermediate Provisional Certificate or A-Level Grade Statement Certificate by the Board
- Six Passport size Photographs of Candidate with his/her Name duly written on the Back of these Photographs.

### **DISCRIMINATION**

University authorities reserve the right to rectify any mistake, error, omission, typography mistake at anystage or time.