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UNIVERSITY OF CHILD HEALTH SCIENCES

The School of Allied Health Sciences
The Children's Hospital, Lahore

PROSPECTUS

2023-24





بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ


DISCLAIMER


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 Facilities to students

★ SAHS Computer Lab

★ SAHS Library/ UCHS Library

★ Anatomy Museum

★ Societies/ Committees of SAHS

Qirat& Naat , Debating , Dramatics, Sports ,
Magazine , Event management

★ Other Curricular Activities

Convocation, Scientific Exhibition, 1stUCHS

Allied Health Conference: BLS workshop

Message of The Vice Chancellor

PROF MASOOD SADIQ

Tamgha-e-Imtiaz

Founding Vice Chancellor



It gives me an immense pleasure to be associated with the University of Child Health Sciences, the first of its kind in the world. The concept of this university focused on child health is unique and whilst we are a budding University, our mission is to establish a center of excellence in the field of child health. We are building upon our vision of a professionally focused institution providing integrity, compassion, intellectual freedom to our students who we believe are the future leaders in this field.

The Children's Hospital, a constituent hospital of the university is one of the largest hospitals on the globe providing specialized facilities to children referred from all over the country. Our aim is to act as a model institution to alleviate the suffering of children with any illness through the application of modern methods of curative and palliative treatment. The Children's Hospital was the 1st public sector institution to start professional degree courses in various Allied Health Disciplines, like Doctor of Physical Therapy and B.Sc. (Hons) in Medical Imaging Technology, Medical Laboratory Technology, Dental Technology, Speech & Language Pathology, Occupational Therapy, and Operation Theater Technology

This year, under the umbrella of the University of Child Health Sciences we are increasing our prospects by introducing five new B.Sc. (Hons) Allied Health Programs in Human Nutrition & Dietetics, Anesthesia Technology, Neurophysiology, Clinical Psychology and Cardiac Perfusion Sciences. We have the best infrastructure, faculty, clinical material, research opportunities and prospects of a brilliant future prospect with a well-developed curriculum and conducive teaching and training environment.

I welcome you and assure you an ongoing support on behalf of the University of Child Health Sciences, The Children's Hospital, Lahore and wish you the very best in your future plans and prospects.

Message of the Principal

Prof. Dr. Samina Zaman



Allied health professionals play a vital role in health care management along with doctors and nurses. Founded in the year 2000 as first ever school in Punjab, The School of Allied Health Sciences (SAHS) quickly established itself as a leading Allied Health Center. Initially 03-years BSc degree courses were offered in three disciplines. All BSc degree courses were upgraded to 4-yers BSc (Hons) along with four new courses introduced in 2008 among which Physiotherapy became Doctor of Physiotherapy (DPT) in 2012. This time School of Allied Health Sciences is offering 12 BSc (Hons) courses under the University of Child Health Sciences (UCHS), Lahore. We are committed to the development of students through dissemination of knowledge. It seeks to prepare individuals for constructive and exemplary leadership roles in their fields. We have experienced faculty, fully equipped classrooms and state of the art Teaching Hospital. We pride ourselves in producing dynamic professionals. During the past 23-years, our students have obtained distinctions and bagged top honors in their examinations. Our aim is to maintain this strong legacy by imparting practical learning experiences. All the students are provided with support and extracurricular activities to enhance their wellness. I pray to Almighty to bestow His blessings to the young aspirants on journey of success in future.

VISION & MISSION

Vision: To be world leader in child health

Mission statement: To establish a center of excellence and produce leaders in child health through research, creativity, quality education and advocacy.



Values:

1. *Integrity:* Commitment to the highest ethical standards in personal and professional conduct, along with a dedication to transparency and accountability in governance.
2. *Compassion:* Emphasis on enhancing working conditions and personal development.
3. *Intellectual Freedom:* Promoting creative thinking and innovative solutions.
4. *Inclusion:* Offer equal opportunities for all in an environment where everyone feels safe and supported. Cultivate a culture that embraces diverse backgrounds.
5. *Collaboration:* Effective communication and collaboration across disciplines and within the community.

ABOUT UNIVERSITY

The University of Child Health Sciences (UCHS) is a pioneering institution with the vision of becoming a global leader in child health. Established against the backdrop of Pakistan's high population growth rate (2%) and the fact that children make up 47.8% of the total population (Census 2017), the university aims to address critical health challenges. Pakistan faces alarming neonatal mortality rates (40/1000 live births), with one-third of children underweight, 44% stunted, 15% wasted, and half anemic. The scarcity of trained professionals in child health, including pediatricians, super-specialists, surgeons, nurses, and allied health professionals, further compounds the issue.

The College of Physicians & Surgeons Pakistan (CPSP) and existing medical universities in Punjab are insufficient to meet the growing demand for pediatric super-specialties. The absence of a dedicated institution at the national or provincial level for child health training further exacerbates the situation. Chartered by the Punjab Provincial Assembly in July 2021 and already accredited by the Higher Education Commission Pakistan, UCHS operates in collaboration with the Children's Hospital Lahore, one of the world's largest pediatric hospitals.

UCHS, comprising three colleges and four constituent institutes, aims to be a focal point for policymaking, preventive strategies, teaching, and comprehensive training across all areas of child health care delivery. It envisions becoming a center of excellence for indigenous research, quality education, and leadership development in child health. The university's emphasis on research, state-of-the-art facilities, and an international faculty is expected to set a benchmark for other institutions and significantly impact child health in Pakistan.

The institution aligns with the National Health Program's objectives by providing trained human resources across various child health care roles. Additionally, UCHS will be responsible for continuing medical education, professional development, advocacy, public awareness programs, and collaboration with national and international organizations, universities, and institutions. As the Government of Punjab builds mother and child hospitals across the province, UCHS plans to affiliate with these institutions, offering guidance, human resources, and facilitating efficient project implementation. This collaborative approach is poised to enhance training, facilitate exchanges, and conduct examinations throughout the province, contributing significantly to child health care in Pakistan.

ADMINISTRATIVE SETUP

UNIVERSITY OF CHILD HEALTH SCIENCES LAHORE

Prof. Dr. Masood Sadiq
Prof. Dr. Junaid Rashid
Prof. Dr. Nabila Tallat
Prof. Dr. Tipu Sultan
Prof. Dr. Samina Zaman
Prof. Dr. Abid Ali Qureshi
Mr. Javed Iqbal

Vice Chancellor
Pro-Vice Chancellor
Registrar
Medical Director
Principal SAHS
Controller of Examinations
Treasurer



THE SCHOOL OF ALLIED HEALTH SCIENCES UCHS LAHORE

Prof. Dr. Samina Zaman
Dr. Sara Hussain (PT)
Attiqu-ur-Rehman

Principal
Vice Principal (Academic)
Vice Principal (Admin)

CONVENERS

- ▣ **Prof. Dr. Junaid Rashid**
- ▣ **Prof. Dr. Tipu Sultan**
- ▣ **Prof. Dr. Samina Zaman**
- ▣ **Prof. Dr. Abid Ali Qureshi**
- ▣ **Prof. Dr. Saeedah Asaf**
- ▣ **Prof. Dr. Javeria Asif Cheema**
- ▣ **Prof. Dr. Ehsan Ullah**
- ▣ **Dr. Sarfraz Ahmed**
- ▣ **Dr. Salman Shah**
- ▣ **Dr. Imran Hashim**
- ▣ **Dr. Hina Azhar**
- ▣ **Dr. Aisha Farid**

BSc. (Hons) Human Nutrition & Dietetics
BSc. (Hons) Neurophysiology
BSc. (Hons) Medical Laboratory Technology
BSc. (Hons) Medical Imaging Technology
BSc. (Hons) Anesthesia Technology
BSc. (Hons) Dental Technology
BSc. (Hons) Clinical Psychology
Doctor of Physical Therapy
BSc. (Hons) Cardiac Perfusion Sciences
BSc. (Hons) Operation Theatre Technology
BSc. (Hons) Speech & Language Pathology
BSc. (Hons) Occupational Therapy

Faculty List

Dr. Marvi Sehar	Demonstrator (Anatomy), Coordinator (Speech and Language Pathology)
Dr. Iqra Iqbal	Demonstrator (Physiology)
Rubab Zahra	Coordinator (Operation Theatre Technology)
Mehreen Fatima	Coordinator (Medical Imaging Technology)
Iqra Majeed	Coordinator (Occupational Therapy)
Fakhar un Nisa	Coordinator (Dental Technology)
Mazhar Iqbal Noor	IT Incharge
Munawar Ghous	Biostatistician

HEC Placed Faculty

Dr. Iqra Aroob	PhD (IPFP Fellow)
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Supporting Staff

**Naiz Hussain
Naheed Awan
Ghazala Hanif
Amna Arshad
Shahina Yousaf
Maroof Ahmad
Anila Ameer**

**Surriya
Mehtab
Naseer-ud-Din
Muhammad Imran
Abida Perveen
Kiran Irfan**



ADMISSION INFORMATION AND GUIDELINES

NO. OF SEATS

The discipline-wise number of seats are mentioned below:

S.No.	Courses	No. of Seats Open Merit	Foreign Seats	Total Seats
1	Doctor of Physical Therapy	20	2	22
2	B.Sc (Hons) Medical Imaging Technology	25	2	27
3	B.Sc (Hons) Medical Laboratory Technology	30	2	32
4	B.Sc (Hons) Dental Technology	12	1	13
5	B.Sc (Hons) Speech & Language Pathology	12	1	13
6	B.Sc (Hons) Occupational Therapy	12	1	13
7	B.Sc (Hons) Operation Theatre Technology	10	1	11
8	B.Sc (Hons) Anaesthesia Technology	10	1	11
9	B.Sc (Hons) Cardiac Perfusion	5	1	6
10	B.Sc (Hons) Clinical Psychology	10	1	11
11	B.Sc (Hons) Neurophysiology	5	1	6
12	B.Sc (Hons) Human Nutrition & Dietetics	20	2	22
SUB-TOTAL		171	16	187
Reserved Seats for AJK, G.B and Other Provinces of Pakistan (one for each)*		5	-	5
Reserved Seats for Disabled Quota 1% *		2	-	2
GRAND TOTAL		178	16	194

The allocation of Disciplines for reserved seats of other provinces and disabled quota will be determined as per merit and availability of seats.

ELIGIBILITY CRITERIA FOR OPEN MERIT SEATS

- The applicant must have passed Matriculation or an equivalent examination with a minimum of 60% marks.
- The candidate should have completed F.Sc (Pre-Medical) or an equivalent qualification with a minimum of 60% marks.
- Only individuals with Punjab domicile are eligible to apply for AHS Programs on open merit seats.

ELIGIBILITY CRITERIA FOR FOREIGN STUDENTS

Pakistani nationals, who have completed and passed the HSSC 12th-grade (Pre-Medical) examination or its equivalent outside Pakistan must submit an equivalence certificate for FSC (Pre-Medical) issued

by the Inter Board Committee of Chairmen (IBCC) Pakistan to be eligible for admission to these programs.

ELIGIBILITY CRITERIA OF RESERVED SEATS FOR AJK.G.B AND OTHER PROVINCES OF PAKISTAN

- a) Matriculation or equivalent securing a minimum of 60% marks.
- b) F.Sc (Pre-Medical) or equivalent securing a minimum of 60% marks.

ELIGIBILITY CRITERIA FOR DISABLED QUOTA

The candidates must have fulfilled the basic criteria for admissions against Disabled Quota. The candidate shall have to attach certificate from a government certified specialist about the nature of his/her disability. Such certificate will only make him/her eligible to apply against the Disabled Quota.

A medical board constituted by the Vice Chancellor shall make final decision about the eligibility of the candidate for admission against the reserved seat and his/her discipline, as per government policy.

MERIT FORMULA

The merit formula for all seats is as under

1.	F.Sc. (Pre-Medical)/ HSSC/ Equivalent	90% weightage
2.	Matriculation/ SSC/ Equivalent	10% weightage

HAFIZ-E-QURAN MARKS

The marks for Hifz-e-Quran shall not be granted for admission at University of Child Health Sciences Lahore in the light of PM&DC Medical and Dental Undergraduate Education (Admissions, Curriculum and Conduct) Policy and Regulations 2023 and the decision of six membered Bench vide Order dated 04.04.2023 in Suo-Moto case.

MODE OF APPLICATIONS

The University of Child Health Sciences will receive applications for admissions through its online portal. Applicants can apply for all courses by indicating their admission preferences. The admission processing fee will be Rs. 1000/- for one course. However, those wishing to apply for more than one course will need to pay an additional Rs. 500/- for each additional course. The admission processing fee challan will be automatically generated on the admission portal.

Applicants will have the option to amend their application or change their admission preferences until the final submission. Once the admission form is submitted by the students through the admission portal, it will not be editable. However, the admission officer can make necessary changes after receiving a written application from applicants with the approval of the competent authority until the last date of submission.

ADMISSIONS

The selected Candidates shall deposit college fee in any branch of Bank of Punjab Pakistan. In case of failure to deposit the prescribed admission fee within stipulated time period, such candidates shall have no vested right of admission in that year.

Only those candidates shall be considered as admitted candidates who will join the program by depositing the prescribed fee and other dues by due date.

ANNUAL FEE / DUES

FOR ALL B.SC (HONS) PROGRAMS

S.NO.	PARTICULAR	AMOUNT	
		1 st Year	2 nd -3 rd & 4 th Year (Per Year)
1	Admission Fee (once)	10,000	-
2	Tuition Fee	50,000	50,000
3	Registration Fee (once)	2,000	-
4	Continued Medical Education Fund	3,000	3,000
5	Extra-Curricular / Sports Fund	2,000	2,000
6	Magazine Fund	1,000	1,000
7	Computer Lab / Laboratory Fund	2,000	2,000
8	Examination Fee	5,000	5,000
9	Welfare Fund	1,000	1,000
10	Library Fund	1,000	1,000
	TOTAL	77,000	65,000

FOR DOCTOR OF PHYSICAL THERAPY

S.NO.	PARTICULAR	AMOUNT	
		1 st Year	2 nd -3 rd -4 th & 5 th Year (Per Year)
1	Admission Fee (once)	10,000	-
2	Tuition Fee	82,800	82,800
3	Registration Fee (once)	2,000	-
4	Continued Medical Education Fund	3,000	3,000
5	Extra-Curricular / Sports Fund	2,000	2,000
6	Magazine Fund	1,000	1,000
7	Computer Lab / Laboratory Fund	2,000	2,000
8	Examination Fee	5,000	5,000
9	Welfare Fund	1,000	1,000
10	Library Fund	1,000	1,000
	TOTAL	109,800	97,800

UPGRADATION OF ADMISSIONS

The selected students / those who have paid their fee will be upgraded as per their admission preferences according to merit. However, if any students want to fix his/her admission at any stage, he/she will have to submit affidavit before the last date of fee submission of the same merit list. The students will never be downgraded of their preferences.

SAME MARKS IN FSC

During the preparation of merit list if two or more candidates have same marks of merit formula then senior in age will be preferred and if age is same then marks of sciences subjects of F.Sc will be considered.

MERIT LISTS

The sequential merit lists will be posted on the institution's website. Selected candidates from any merit list will be given a minimum of three working days to submit their annual dues. If, after three merit lists, there are still vacant seats, interviews will be conducted to form final merit lists for admissions based on merit.

INTERVIEWS

If there are still vacant seats after the three merit lists, then applicants will be called for interview against the vacant seats. There are no marks of interview, and the applicants will be given admission as per merit. The interviews will be conducted by the committee, constituted/headed by the Principal SAHS. The selected candidates in interview will be asked to submit the dues on the same date to confirm his/her admission. However, the Principal can extend the last date of dues submission of dues or can allow installments (maximum two) for the submission of dues. Any candidate who is absent in any interview for admission, will not be considered or called for any vacant seat in future. The decision of the admission committee will be final.

LATE ADMISSION / UPGRADATION

If any student left or any seat is vacant, it will be filled from the waiting candidates as per merit within 3 months after the commencement of classes. Applicant will be informed through his/her admission portal account, telephonically and email for late admission. He will be given two days to confirm admission by depositing the dues and join classes. If any applicant does not reply to the admission offer, next waiting candidate will be offered admission.

FEE REFUND POLICY

1. The admission fee for a student, once granted admission, shall not be refunded.
2. The full fee (except the admission fee) shall be refundable if a student leaves the college prior to the commencement of classes.

1. Fee (50%) shall be refunded if the student leaves the college within 3 months of the commencement of classes.
2. No fee shall be refunded if a student leaves the college 3 months after the commencement of classes.

SCHOLARSHIPS / FEE CONCESSIONS

Total 10% students will be granted scholarships and fee concessions on merit based and need base as per policy of HEC.

TERMINATION / CANCELLATION OF ADMISSION

A student of any class once terminated or admission cancelled at any stage due to any reason, will not be re-admitted.

NEED BASED SCHOLARSHIPS

ELIGIBILITY

Following are the eligibility criteria for Need Based Scholarships:-

1. Students who are enrolled in any Allied Health Sciences Discipline at University of Child Health Sciences Lahore
2. The declared monthly income of parents (from all sources) is equal to or less than Pakistani Rupees 60,000/-. However, relaxation may be given in special circumstances on an individual basis. The income criteria will not be shared with the students at any stage of the scrutiny/selection process.
3. Students who have secured admission in self-support/self-finance programs are not eligible.
4. Students already availing any other need-based scholarships/financial assistance/grant are not eligible.

NUMBER OF SCHOLARSHIPS

Number of scholarships for new admissions and promoted students will be determined by the Scholarship Committee UCHS Lahore

TENURE

The Need-Based Scholarship, once awarded, will be paid until the final year examination, subject to satisfactory academic performance. Students will need to provide result cards for each semester on a yearly basis.

TERMINATION OF SCHOLARSHIP

The Need Based Scholarship will be terminated / discontinued in following circumstances:-

1. If a student is detained due to failure in examination his/her scholarship will be discontinued.
2. The payment of scholarship shall be discontinued in case of any disciplinary proceeding against the recipient.

AMOUNT OF SCHOLARSHIP

Amount of Scholarship will be determined by the Scholarship Committee.

MERIT BASED SCHOLARSHIPS

ELIGIBILITY

The eligibility criteria for Merit-Based Scholarships are as follows:

S.No.	Disciplines	Marks % age	Scholarship
1	Applicants admitted in any program at the School of Allied Health Sciences in session 2023-2024	Position holders on board level of HSSC exams	100% of tuition fee
		Top 1 st applicant of each discipline	50% of tuition fee

NUMBER OF SCHOLARSHIPS

A total of 12 scholarships, i.e., one for the topper of each discipline every year.

TENURE

Merit Based Scholarship once awarded shall be paid till the final semester examination with the condition that they retain more than 90% marks or 3.5 GPA points in their semester examinations.

TERMINATION OF SCHOLARSHIP

The Merit Based Scholarship will be terminated / discontinued in following circumstances:-

1. If the student is detained due to failure in examination his/her scholarship will be discontinued.
2. The payment of scholarship shall be discontinued in case of any disciplinary proceeding against the recipient.
3. If secured less than 3.5 GPA points in any semester examination.

RULES & REGULATION

GENERAL DISCIPLINARY RULES

Attendance

- Every student must attend at least 90 percent of the lectures, seminars, tutorials, practicals, and clinical classes for each subject in each class. Failure to meet this requirement will result in the student's name not being forwarded to the University's Controller of Examination, and they will not be eligible to appear in the respective examination.
- Attendance will be recorded and posted on the notice board at the end of each month. Students who do not improve their attendance will be referred to the disciplinary committee.
- Punctual attendance is mandatory for lectures, demonstrations, seminars, tutorial classes, practicals, and hospital ward sessions at the specified hours. Students who are absent from college or hospital work may be subject to fines imposed by the head of the institution.
- Students are expected to be present on time for any specified activity of the institution.
- Students arriving late to school will be fined Rs. 50 per day.

Classroom

- Maintaining the decorum of the class is mandatory, and students are expected to show the highest level of courtesy and respect towards their teachers.
- No student is allowed to leave the lecture room without the permission of the teacher or until the class is dismissed.

Examination

- Students are prohibited from bringing textbooks, notes, or any kind of manuscript into the examination hall.
- Any student found violating the examination rules or resorting to unfair means will be expelled from the examination.
- Latecomers arriving at the examination hall later than 15 minutes after the start of the paper will not be allowed to enter the examination hall.

Leaves

- Planned leaves must receive approval from the principal before being taken.
- Uninformed leave will incur a fine of Rs. 100 per day.
- Sick leave will only be granted upon the submission of a medical certificate.
- In all cases, leave taken is at the student's own risk regarding attendance percentage, and even a medical certificate will not excuse an attendance deficiency.

- A student who is absent without leave continuously for a period of four weeks will be removed from the university roll.

Student's Medical Certificate and Treatment

- Non-boarders must acquire a medical certificate from a registered medical practitioner.
- For boarders, including those on duty in the hospital, the medical certificate must be signed by a professor or associate professor of the institution.
- Medical certificates supporting absences must be produced at the earliest possible date and not weeks or months after the absence.
- A medical certificate must specify the nature of the illness and the period, including dates of leave recommended due to that illness.

General Rules

- Students are prohibited from bringing valuables such as cash, jewelry, and mobile phones into the school and hospital premises. Any loss or theft will be the responsibility of the student.
- Students are required to maintain order and discipline at all times within the institution, hospital, and hostel.
- Smoking is legally prohibited in school and hospital premises. Legal action will be taken against anyone found smoking in the hospital premises.
- No games of any kind are to be played during classes and hospital duty hours.
- Displaying and distributing partisan/ethnic/sectarian/political pamphlets or circulars, etc., in the institution, attached hospitals, and hostel premises is not allowed.
- Any student breaking or damaging any property of the institution shall be required to pay the cost of repair or replacement. In the case of willful damage, he/she shall be punished under the disciplinary rules of the institution.
- No person shall be invited to address a meeting or society on the institution premises without prior permission from the head of the institution.
- No student shall address a press conference, nor write to the press on political or related subjects or matters directly concerned with the administration of the institution, university, or any government or educational institution in Pakistan or abroad. No poster or banner shall be put up without the approval of the head of the institution.
- No society may be set up by the students nor any meeting held on the institution premises without the written permission of the head of the institution.
- The Principal can issue disciplinary orders of a permanent or temporary nature from time to time, regulating the conduct of students within the school.
- Riots, strikes, boycotts, and demonstrations are not allowed.

Dress Code

- Students are expected to dress up decently and they should observe simplicity.
- Jeans and T-shirts are not allowed in the hospital and institute.
- Students should have white overalls during their rotations in labs.

School Identity Card

- All students must obtain their identity cards from the school office immediately after admission.
- Students should always display their identity cards at all times.
- If the identity card is lost, a new one will be issued for Rs. 100.

Hostel Facility

- No hostel facility is being provided by the School of Allied Health Sciences at present.

Transport Facility

- No transport facility is being provided by the School of Allied Health Sciences at present.

PENALTIES

Regulations relating to expulsion offences and penalties:

- For all offences occurring on the institution's premises, hospitals, and hostels, the head of the institution may, at his discretion, refer the case to the Disciplinary Committee of the institution.
- After considering the recommendations of the Disciplinary Committee, disciplinary action by the head of the institution against students committing an offence might take one or more of the following forms depending on the severity of the offence:
- The student may be asked to tender an apology, verbal or written, which will be placed on the student's record.
- A student may be placed on probation for a period of up to one year. If, during the probationary period, he/she fails to improve conduct, expulsion from the institution may occur.
- A student may be fined up to Rs. 5000.
- Scholarship may be suspended or stopped.
- A student may be suspended from the institution's roll for a period determined by the head of the institution.
- The student may be expelled from the institution for a period determined by the head of the institution based on the Disciplinary Committee's recommendation.
- Expulsion, when imposed on a student, shall mean the loss of a specific duration of studies as determined by the head of the institution and will result in being debarred from the University Examination during the expulsion period.
- A student expelled from an institution shall not be readmitted before the expiration of the expulsion period.
- Cases of expulsion shall be reported to the University by the head of the institution concerned for registration and notification.
- Students are not allowed to keep firearms, other weapons of offence, and narcotics in the institution's premises, attached hospitals, and hostels. Disciplinary action shall be taken against students found guilty of violating this rule.

The decision of the head of the institution in all cases shall be considered final.

DETAILS OF DEGREE PROGRAMS

DOCTOR OF PHYSICAL THERAPY

Physical Therapy is an essential segment of the modern health care system. It is a “science of healing and art of caring”. The Doctor of Physical Therapy (DPT) course is a 5-year undergraduate program that aims to provide students with fundamental knowledge of clinical examination, evaluation, assessment, diagnosis, and treatment of musculoskeletal, neurological, cardiovascular, and respiratory system functional disorders in both adults and pediatrics. The program covers methods of treatment based on movement, manual therapy, physical agents, and therapeutic modalities to alleviate pain and other complications. Hence, DPT covers basic parameters of healing sciences i.e., preventive, diagnostic, rehabilitative, and curative.

Need Assessment

Considering the demand for qualified Physical Therapists in Pakistan, with a population exceeding 240 million, including both children and adults, there is a shortage of physical therapists. When comparing the burden of physical health issues in the population, which includes various physical disorders and deformities, the number of trained individuals in the field of Physical Therapy remains insufficient to meet the needs of the people. Physical therapy is a treatment aimed at restoring, maintaining, and optimizing a patient's mobility, function, and well-being. Physiotherapy aids in physical rehabilitation, injury prevention, and promoting health and fitness. These services are necessary in the fields of musculoskeletal and neurological illnesses, cardio-pulmonary rehabilitation, sports, and more, for both adults and the pediatric population.

Scope of Doctor of Physical Therapy:

Physical therapists play a significant role by working closely with orthopedicians, neurologists, cardiologists, women's health workers, and athletes to provide the best patient care. To meet the demands and enhance healthcare services, the DPT program will offer comprehensive services across all aspects of healthcare facilities.

Doctor of Physical Therapists will have exciting opportunities to serve in different segments of the society including:

- Public sector hospitals
- Private sector hospitals
- Intensive care units
- Academic institutions (both public & private)
- Sports departments
- Special schools
- Rehabilitation centers nationally as well as globally.



Scheme of Studies

Semester	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Clinical rotation
I	English I (Functional English)	Pak Studies	Computer Science	Upper Limb & General Anatomy	Nerve & muscle and CVS physiology	Basic Kinesiology	
I	English II (Communication Skills)	Islamic Studies	sociology	Lower limb Anatomy & general Histology	Visceral Physiology II	Advanced Kinesiology	Clinical rotation II
II	English III (Technical writing)	Behavioral Sciences	Bio chemistry & Genetics I	Head & neck and embryology	Nervous, renal & reproductive physiology	Basic Bio mechanics & Ergonomics	Clinical rotation III
V	Health & Wellness	Medical Physics in Rehabilitation	Bio chemistry & Genetics II	Human Neuro Anatomy	Exercise Physiology	Advanced Bio mechanics & Ergonomics	Clinical rotation IV
V	Teaching Methodology & Community Medicine	Pathology & Microbiology I	Pharmacology in Rehabilitation I	Physical Agents & Electrotherapy I	Therapeutic Exercises & Techniques	Clinical rotation V	
I	Biostatistics &	Pathology & Microbiology II	Pharmacology in Rehabilitation II	Physical Agents & Electrotherapy II	Manual Therapy	Clinical rotation VI	
II	Research Methodology	Radiology & Diagnostic Imaging	Clinical Medicine I	Orthopedic Surgery	Musculoskeletal Physical Therapy	Clinical rotation VII	
II	Introduction to Prosthetics & Orthotics	Clinical Medicine II	Advance techniques in General Surgery II	Neurological PT	Community Based Rehabilitation	Research project (data collection)	Clinical rotation VIII
X	Integumentary Physical Therapy	Cardiopulmonary PT	Emergency procedures & Primary Care In PT	Differential Diagnosis	Obstetrics & Gynecological PT	Research project (dissertation & defense)	Clinical rotation IX
X	Research publication	Pediatric Physical Therapy	Geriatric Physical Therapy	Sports Physical Therapy	Professional Practice	Evidence Based Practice	Clinical rotation X

Faculty List

Doctor of Physical Therapy

Sr. #	Name	Designation
1	Prof. Dr. Tipu Sultan	Professor
2	Dr. Sarfraz Ahmad	Associate Professor
3	Dr. Iqbal Bano	Associate Professor
4	Dr. Mumtaz Hussain	Assistant Professor
5	Dr. Laeeq Ur Rehman	Assistant Professor
6	Dr. Faiz Rasool	Assistant Professor
9	Dr. Syeda Rahat Amir	Physiotherapist/ Lecturer
10	Dr. Sara Khalid	Physiotherapist/Lecturer
11	Dr. Noshaba Anjum	Physiotherapist/ Lecturer
12	Dr. Iqra Rashid	Physiotherapist/ Lecturer
13	Dr. Mudasar Yasin	Physiotherapist/ Lecturer



MEDICAL IMAGING TECHNOLOGY

The Medical Imaging Technology course is a 4-year undergraduate program focused on providing students with fundamental knowledge of radiological investigations. This includes acquiring the necessary technical skills to operate and maintain various imaging equipment, such as X-ray machines, ultrasound/Echocardiography devices, magnetic resonance imaging (MRI) scanners, computed tomography (CT) scanners, nuclear medicine, and dedicated Interventional Radiology/cardiac equipment. Upon completing the BSc Medical Imaging Technology course, students will gain the required equipment skills, relevant professional knowledge, techniques, and ethical values, enabling them to work closely with patients of all ages. They will apply their acquired expertise at a level between doctors and patients under the direct supervision of qualified radiologists for efficient health service delivery.

In Pakistan, the healthcare sector has been expanding, creating a need for well-trained medical imaging technologists who can operate and maintain imaging equipment, assist radiologists and physicians in interpreting images, and ensure patient safety during imaging procedures. Medical imaging plays a crucial role in the diagnosis, treatment, and monitoring of various medical conditions.

Need Assessment:

Considering the burden of radiological investigations in Pakistan, with a population of more than 249 million, including both children and adults, there is an extreme shortage of trained radiographers and imaging technologists. Apart from the inadequate number of pediatric and adult radiologists to cater to this huge burden, the number of trained medical imaging technologists is also very limited. Comparing with the overall disease burden in the country, the number of trained technologists in the field of radiology remains inadequate to serve the needs of the people. These investigations include a large number of X-rays, computed tomography (CT) scans, magnetic resonance imaging (MRI) scans, ultrasonography, interventional, cardiac, and nuclear medicine procedures. Currently, few educational institutes are providing these courses nationally, which are still not meeting the demands.

Scope of Medical Imaging Technology:

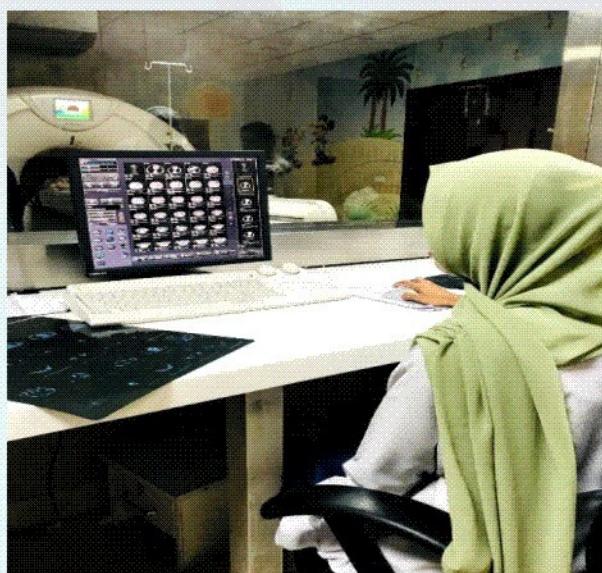
Medical Imaging Technology (MIT) is a specialized field within the healthcare industry that involves the use of various imaging modalities for diagnostic and therapeutic purposes. The scope of this degree program in Medical Imaging Technology in Pakistan is quite promising, given the importance of medical imaging in healthcare and the growing demand for skilled professionals in this field.

As a graduate with a degree in Medical Imaging Technology, you can explore career opportunities in hospitals, diagnostic imaging centers, clinics, and research institutions.

Some potential job roles include:

- MRI Technologist:
- CT Technologist:
- Ultrasound Technologist
- Mammography Technologist

- Cath Lab Technologist
- Interventional Technologist
- Echo Technologist
- Ultrasound Technologist
- Application specialist.



Scheme of Studies

Semester	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
I	English I (Functional English)	Pak Studies	Biochemistry I	Computer Science	Basic Anatomy I	Basic Physiology I
II	English II (Communication Skills)	Islamic Studies	Biochemistry II	Basic Anatomy II	Basic Physiology II	Fluoroscopy
III	English III (Technical Writing)	Behavioral Sciences	General Pathology	Regional & Imaging Anatomy-I	Medicine-I	
IV	Biostatistics	Pharmacology	Medical Physics	Regional & Imaging Anatomy-II	CR & DR	
V	Research Methodology	Contrast Media	General Radiology	Radiobiology & Radiation protection	Medicine-II	
VI	Ultrasonography	Echocardiography	Mammography			Research Project
VII	Magnetic resonance Imaging	Surgery	Nuclear Medicine			Research Project
VIII	Interventional Radiology	Computed Tomography	Angiography	Medical Ethics		

Faculty List

Medical Imaging Technology

Sr. #	Name	Designation
1	Prof. Dr. Abid Ali Qureshi	Professor
2	Prof. Dr. Uzma Kazmi	Professor
3	Dr. Aysha Anjum	Associate Professor
4	Dr. Ahmad Usaid Qureshi	Assistant Professor
5	Dr. Amber Goraya	Assistant Professor
6	Dr. Ahmed Imran	Assistant Professor
7	Dr. Farhana Riaz	Assistant Professor
8	Dr. Bushra Mohsin	Assistant Professor
8	Mehreen Fatima	Imaging Technologist/ Lecturer
9	Ahmad Ishfaq	Imaging Technologist/ Lecturer
10	Amina Iqbal	Imaging Technologist/ Lecturer



MEDICAL LABORATORY TECHNOLOGY

The Medical Laboratory Technology (MLT) course is a 4-year undergraduate program designed to enable students to learn the fundamental knowledge of the basic physiological and pathological functions of the human body. Undergraduate students in medical laboratory technology will acquire the required professional knowledge and technical skills to perform a broad range of tests in different pathology units of the healthcare system, both nationally and internationally. The MLT Program provides extensive training in both conventional and modern technologies in medical laboratory sciences in state-of-the-art pathology laboratories, including Hematology, Microbiology, Chemical Pathology, Immunology, Histopathology, and Genetics, under the supervision of qualified faculty.

At UCHS, the B.Sc. Medical Laboratory Technology curriculum is designed to meet both national and international standards. It incorporates subjects to meet the current and future needs of medical laboratory technology, providing students with a firm foundation in clinical laboratory sciences, as well as in clinical containment and basic biological sciences. This degree program will also enable students to learn modern research techniques and execute their skills in research-based fields. They will be prepared for teaching through different teaching strategies, providing opportunities in teaching institutions. This program aims to shape the careers of students as qualified laboratory professionals, researchers, and educationists who will become symbols of quality in their respective fields.

The degree program opens new horizons for higher education in different areas of biological and medical sciences, both nationally and internationally. After completing the degree, MLT graduates will not only prove to be assets for the organizations they work for but will also be good candidates for better career development.

Need Assessment:

Quality diagnostics are the backbone of the healthcare delivery system. Without strong diagnostic support, it becomes difficult for clinicians to treat their patients. Medical Laboratory Technologists (MLTs) are important Allied health professionals who play a fundamental role in providing the basis for healthcare diagnosis. In a country like Pakistan, diagnostic healthcare facilities are not sufficient to meet the requirements of the ever-growing population. There is also an extreme shortage of qualified personnel in laboratories where previously only technicians with diplomas were working, lacking proper knowledge and training according to the requirements of modern Pathology laboratories. Comparing with the burden of diseases (both metabolic and infectious) and a large size of the pediatric population, the consistent deficiency of Medical laboratory technologists can only be fulfilled through such a degree program in esteemed universities. They are required in both clinical and research laboratories, quality control, and quality assurance.

Research in medical and biological fields has never been so advanced as it is today, requiring competent professionals with good theoretical and practical knowledge. The B.Sc. Medical Laboratory Technology program will help fulfill the deficiency of good researchers by introducing students to a wide variety of courses, enabling them to gain expertise in different theoretical and practical aspects of diagnostic analysis and research. The program ensures the fulfillment of the deficiency of highly skilled graduates in the field of diagnostics, research, and teaching. These graduates are equipped with the required background knowledge to progress towards a shining career in the field of Medical Lab Technology and continue to serve the community.

Scope of Medical Laboratory Technology:

In Pakistan, the healthcare system is growing rapidly, with new technologies continuously being introduced, making diagnosis easier than ever before. The recognition of the need for qualified Allied healthcare professionals in medical laboratory sciences is increasing day by day, resulting in a brighter scope for Medical Laboratory Technology graduates.

They have a wide range of career opportunities in both pediatric and adult healthcare setups at the national and international levels. MLT graduates can have promising career opportunities in:

- Diagnostic Laboratories (Public and Private)
- Hospital Laboratories
- Forensic Laboratories
- Pharmaceutical laboratories
- Research Laboratories
- Reference Laboratories
- Research and Development Laboratories
- Sales and marketing of diagnostic instruments and reagents
- Teaching in academic institutes



SCHEME OF STUDIES

Semester	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
I	English I (Functional English)	Pak Studies	Biochemistry I	Computer Science	Basic Anatomy I	Basic Physiology I
II	English II (Communication Skills)	Islamic Studies	Biochemistry II	Basic Anatomy II	Basic Physiology II	Medical Laboratory Instrumentation
III	English III (Technical Writing)	Behavioral Sciences	General Pathology	Basic Medical Microbiology	Chemical Pathology	Basic Immunology
IV	Biostatistics	Histopathology I	Advanced Clinical Immunology	Molecular Biology	Hematology I	Histopathology I
V	Research Methodology	Advanced Clinical Immunology	Hematology II: WBCs, platelets physiology and malignant & nonmalignant disorders	Medical Virology and Mycology	Histopathology II	Cytogenetics
VI	Molecular Pathology	Medical Parasitology and Entomology	Immunological techniques and serology	Hematology III: Blood banking & Transfusion Medicine	-	Research Project
VII	Biosafety & Risk Management	Medical Laboratory Management	Infection Prevention & Control	Elective I	Clinical Rotation	Research Project
VIII	Public health and Epidemiology	Bioinformatics	Advanced Laboratory Techniques	Elective II	-	-

Faculty List

Medical Laboratory Technology

Sr. #	Name	Designation
1	Dr. Samina Zaman	Professor
2	Dr. Saima Farhan	Associate Professor
3	Dr. NazishSaqlain	Associate Professor
4	Dr. Zunaira Rathore	Associate Professor
5	Dr. Mehwish Hussain	Associate Professor
4	Dr. Saima Farhan	Associate Professor
5	Dr. NazishSaqlain	Associate Professor
6	Dr. Farhana Ali	Assistant Professor
7	Dr. Abeer	Assistant Professor
8	Dr. Bushra Nisar	Assistant Professor
9	Dr. ShaziaYasin	Assistant Professor
10	Dr. Fauzia Tabassum	Assistant Professor
11	Dr. Sidra Hareem	Assistant Professor
12	Dr. Naima Mehdi	Assistant Professor
13	Dr. Farhana Shahzad	Assistant Professor
14	Dr. Aqsa Anam	Assistant Professor
15	Dr. Saima Mansoor	Assistant Professor
16	Dr. Humaira Javed	Visiting Assistant Professor
17	Dr. Javeria Fatima	Senior Women Medical Officer
18	Dr. Ayesha Khanum	Senior Women Medical Officer
19	Dr. AbeeraAsad Rasul	Women Medical Officer
20	Dr. Neelam Mazhar	Women Medical Officer
21	Dr. Madiha Naqvi	Women Medical Officer
22	Dr. Amina Jamal	Women Medical Officer
23	Arifa Sharif	Medical Technologist/ Lecturer



DENTAL TECHNOLOGY

Dental Technology is the technical side of dentistry where dental technologists, on the prescription of dentists, create prostheses or appliances for the head and neck region. The dental technology course is a 4-year undergraduate program focused on equipping students with fundamental knowledge of dental labs. After completing the BSc. Dental Technology course, students will gain the required equipment skills, relevant professional knowledge, techniques, and ethical values to work in dental labs. They will also be introduced to basic concepts in dental labs to aid their understanding of dental materials. A hands-on approach will be taken with laboratory sessions as well as lectures to provide an understanding and evaluation of how different materials are applied in dentistry. This course will also cover the basic content of material science principles for the Bachelor of Dental Technology.

This degree is ideal for students who will work behind dental clinics, creating and fabricating dentures, crowns, bridges, and orthodontic appliances but not fitting the final denture or appliance to the patients in dental clinics. It is suitable for those who enjoy working with their hands, paying attention to detail, and prefer not to work directly in dental clinics. They will become highly skilled members of the dental team, utilizing art and science skills to construct custom-made dental devices that replace, restore, and correct defects, enhancing the patient's facial appearance and ability to occlude teeth correctly.

Students will learn and adapt advanced dental technologies and will graduate with the ability to combine their theoretical and technical practical learning in the construction of different dental prostheses, including crowns, bridges, complete and partial dentures, and orthodontic appliances.

Need Assessment:

Considering the burden of dental problems in Pakistan with a population of more than 249 million, there is an extreme shortage of dental technology services. Apart from the inadequate number of dental surgeons to cater to this huge burden, dental technologists are also very limited. Comparing with the burden of dental problems, the numbers of trained technologists in the field of dentistry remain inadequate to serve the needs of people with dental problems. Currently, few educational institutes are providing these courses nationally, which are still not meeting the demands.

Scope of Dental Technology:

Dental technology is a rapidly changing field. The need for dental technology is expected to grow faster than many other health professions in Pakistan. There are numerous opportunities for career progression, and there is great earning potential as well. Dental technology is a global profession, and Pakistan needs skilled dental technologists. Given their shortage, dental technologists will have exciting opportunities to serve in different segments of society, including:

- Public sector hospitals
- Private sector hospitals
- Academic institutions
- Private medical colleges
- Dental lab centers nationally and globally



Scheme of Studies

Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
English-I (Functional English)	Pak Studies	Biochemistry I	Computer Science	Basic Anatomy I	Basic Physiology I
English II (Communication Skills)	Islamic Studies	Biochemistry II	Basic Anatomy II	Basic Physiology II	Introduction to dental lab techniques & Lab Exposure
English III (Technical Writing)	Behavioral Sciences	Oral Biology-I	General Pathology	Dental Materials-I	Specialized Anatomy (Head & Neck)
Biostatistics	Microbiology	Oral Biology- II	Oral Pathology	Dental Materials-II	Principle of Infection Control
Research Methodology	Removable Partial Prosthodontics I	Removable Complete Prosthodontics -I	Orthodontics- I	Research Project	----
Removable Partial Prosthodontics II	Removable Complete Prosthodontics- II	Orthodontics- II	Fixed Prosthodontics- I	Research Project	----
Maxillo facial Prosthodontics- I	Orthodontics- III	Maxillo facial Prosthodontics -II	Fixed Prosthodontics- II	Practical Rotations	----
Dental Implants	Orthodontics- IV	Fixed Prosthodontics -III	Digital Dentistry	Practical Rotations	----

Faculty List
Dental Technology

Sr. #	Name	Designation
1	Prof. Dr. Javeria Asif Cheema	Professor
2	Dr. Ayesha Ashraf	Assistant Professor
3	Dr. Saeed Ahmed	Assistant Professor
4	Dr. Irfan zahoor	Principal Dental Surgeon
5	Dr. SairaAagha	Senior Dental Surgeon
6	Dr. Afsheen Ahmed	Senior Dental Surgeon
7	Dr. Shehla Aslam	Senior Dental Surgeon
8	Dr. Faizan Ali	Dental Surgeon
9	Dr. Sumera	Dental Surgeon
10	Dr. Rabia Aziz	Dental Surgeon
11	Dr. Iqra Iqbal	Dental Surgeon
12	Fakhar ulNisa	Dental technologist/ Lecturer



1. OPERATION THEATRE TECHNOLOGY

An Operation Theatre/Surgical (OT/ST) technologist plays an intrinsic role in any hospital's operative services. They function as members of a multidisciplinary team in operation theatres, preparing, maintaining, and managing operation theaters in public and private hospitals. They work in various healthcare settings under the direct supervision of qualified surgeons to manage operation theater workflow, maintain equipment in good functional condition, sterilize instruments, disinfect theaters, ensure patient safety by observing SOPs for various positioning during anesthesia and surgery, including the safe transfer of patients after surgery. With emerging technology and an increasing burden on the health system, the demand for Allied health professionals, especially OT Technologists, is high for safe and effective patient care.

Need Assessment:

The effective delivery of healthcare services largely depends on the nature of education, training, and appropriate orientation towards community health for all categories of health personnel and their capacity to function as an integrated team. For example, in the UK, more than 84,000 AHPs, with a range of skills and expertise, play key roles within the National Health Service, working autonomously in multi-professional teams in various settings. Australia's health system is managed not just by doctors and nurses but also by the 90,000 university-trained, autonomous AHPs vital to the system. In Pakistan, there are only about 1000 operation theatre/surgical technologists. In a country like Pakistan, with a population of more than 240 million, there is an extreme shortage of trained OT/ST technologists. As the Pakistani government aims for Universal Health Coverage, the lack of skilled human resources may prove to be the biggest impediment in achieving targeted goals.

Scope of Operation Theatre Technology:

After completing the 4-year degree program in Operation Theatre/Surgical Technologist, individuals can work as Operation Theatre and CSSD Managers in:

- Public Sector Hospitals nationally and internationally
- Private Sectors nationally and internationally
- They can also work as teachers and research supervisors in relevant fields in teaching institutions.
- Work as application specialists in the equipment and instrument industry



Scheme of Studies

Semester	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
I	English I (Functional English)	Pak Studies	Biochemistry I	Computer Science	Basic Anatomy I	Basic Physiology I
II	English II (Communication Skills)	Islamic Studies	Biochemistry II	Basic Anatomy II	Basic Physiology II	Fundamental of operation theater Technology
III	English III (Technical Writing)	Behavioral Sciences	Medical Physics	General Pathology	-	Fundamentals of Peri-Operative Care
IV	Biostatistics	Medical Ethics	Microbiology	Clinical Pharmacology	-	Basic Anesthesia Techniques
V	Research Methodology	Principles of Surgery	Decontamination & Disinfection	Surgical Instruments	Surgical setup and supplies	-
VI	Sterilization	Aseptic and Sterile Techniques	Electro medical equipment	Infection Prevention & Control	Clinical rotation	Research Project
VII	Patient Safety & Quality	Biomaterial & Surgical Implants	Emergency & Intensive Care	Operation Theatre Management-I	Clinical rotation	Research Project
VIII	CSSD Management	Endoscopic Equipment	Robotics	Operation Theatre Management-II	Epidemiology & Public Health	-

Faculty List
Operation Theatre Technology

Sr. #	Name	Designation
1	Prof. Dr. Nabila Talat	Professor
2	Dr. Muhammad Bilal Mirza	Associate Professor
3	Dr. Imran Hashim	Associate Professor
4	Dr. Jamal Butt	Assistant Professor
5	Dr. Sajid Nayyer	Assistant Professor
6	Dr. Farrukh Mehmood Sattar	Assistant Professor
7	Rubab Zohra	OT Technologist/ Lecturer
8	Anam Sajid	OT Technologist/ Lecturer
9	Shumaila Mushtaq	OT Technologist/ Lecturer



OCCUPATIONAL THERAPY

Occupational therapy is a client-centered health profession concerned with promoting health and wellbeing through occupation. It is a 4-year undergraduate program that focuses on equipping students with fundamental knowledge of sensory integration, activities of daily living, and assistive devices to optimize functional skills. The program involves therapeutic evaluation and interventions to maximize the independent functioning of people with disabilities. After completing the B.Sc. (Hons.) Occupational Therapy course, students will gain the required therapeutic skills, relevant professional knowledge, techniques, and ethical values to work closely with patients of all ages, applying their expertise at a level between doctors and patients for efficient health service delivery. Occupational therapists will be trained to perform standardized assessment batteries/scales to investigate functional levels and ensure functional independence by prescribing adaptations and making environmental modifications, including vocational settings.

Need Assessment:

Occupational therapy is an internationally recognized, evidence-based profession with distinct foundational knowledge and skills related to disability, inclusion, and community participation. Statistics suggest that 6.2 percent of Pakistan's population suffers from some kind of disability. Considering the burden of disabilities in Pakistan, with a population of more than 40 million, including both children and adults, there is an extreme shortage of occupational therapy health services. Comparing the burden of disabled individuals with the numbers of trained therapists in the field of occupational therapy, there remains an inadequacy in serving the needs of people with disabilities (physical and intellectual).

Scope of Occupational Therapy:

Occupational therapists are essential components working closely with the rehabilitation team to provide the best patient care. To meet demands and provide better healthcare, the occupational therapy program will help offer services in all aspects of healthcare facilities. The introduction of this program will increase human resources not only in the field of pediatric settings but also in improving and ensuring maximum functional independence in people of all ages. Given their shortage, occupational therapists will have exciting opportunities to serve in different segments of society nationally and internationally, including:

- Public sector hospitals
- Private sector hospitals
- Academic institutions
- Private medical colleges
- Community
- Special schools
- Rehabilitation centers nationally and globally.



Scheme of Studies

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Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
English I (Functional English)	Pak Studies	Biochemistry I	Computer Science	Basic Anatomy I	Basic Physiology I
English II (Communication Skills)	Islamic Studies	Biochemistry II	Basic Anatomy II	Basic Physiology II	Introduction to occupational therapy
English III (Technical Writing)	Behavioral Sciences	NeuroAnatomy	General Pathology	Neurophysiology	Occupational therapy theories & approaches
Biostatistics	Psychiatry	Medicine	Clinical pharmacology	Medical ethics	Developmental and Behavioral Pediatrics
Research Methodology	Biomechanics	Psychology	Kinesiology	Surgery	Clinical rotation 1
Occupational therapy assessment & evaluation	Occupational therapy in developmental and Behavioral Pediatrics	Occupational therapy in cardiac & pulmonary diseases	Activities of daily living	Clinical rotation 2	Research Project (Synopsis)
Hand rehabilitation & splinting	Sensory integration therapy	Occupational therapy in neurology, geriatrics & medicine	Occupational therapy in mental health	Clinical rotation 3	Research Project (Data Collection)
Community based rehabilitation & occupational health	Orthotics, prosthetics & assistive technology	Occupational therapy in orthopedic and surgical conditions	Ergonomics and vocational rehabilitation	Therapeutic activities and their techniques in occupational therapy	Organization, administration & study work in OT

Faculty List
Occupational Therapy

Sr. #	Name	Designation
1	Prof. Dr. Ehsan Ullah	Professor
2	Prof. Dr. Iqbal Bano	Professor
2	Dr. Aisha Farid	Assistant Professor
3	Dr. Fatima Rehman	Occupational Therapist/ Lecturer
4	Dr. Syeda Rahat Amir	Physiotherapist/ Lecturer
5	Dr. Noshaba Anjum	Physiotherapist/ Lecturer
6	Mrs. Bushra Naheed	Occupational Therapist/ Lecturer
7	Faiza Yousaf	Occupational Therapist/ Lecturer
8	Usman Haider	Occupational Therapist/ Lecturer
9	Zunaira Anwar	Occupational Therapist/ Lecturer
10	Iqra Majeed	Occupational Therapist/ Lecturer
11	Wajeeha Abdul Ahad	Occupational Therapist/ Lecturer



SPEECH & LANGUAGE PATHOLOGY

B.Sc (Hons.) Speech-Language Pathology is a unique clinical and scientific area in the field of medical and allied health professions. Speech-language pathologists spend most of their time as clinicians, helping people by diagnosing and treating individuals with speech, language, and communication disorders. In addition to hospitals, speech-language pathologists are also part of teams in rehabilitation centers, special education centers, universities, and many work as private practitioners, serving their patients similarly to doctors or lawyers in private practice.

Pakistan is a country with one of the largest pediatric populations globally, with 48.7% of its population being under 18 years of age. Due to consanguinity and interrelated marriages, the incidence of inherited speech, language, and communication disorders is increasing. This is further augmented by the overuse of screens, poor social interaction, and a lack of quality time by parents, along with antenatal birth events. These childhood disorders place a substantial burden on society in terms of standard care, provision of health facilities, and human resources. Currently available facilities are concentrated in big cities, where a limited number of specialists cater to a huge population. Speech and language pathologists work closely with pediatricians and general physicians to provide the best patient care in outdoor and acute care settings. To meet the demands and provide better healthcare, this program will help offer services in all aspects of healthcare facilities. The introduction of this program will increase human resources not only in the field of speech and language pathology but also among allied health professionals as a whole.

Need Assessment:

Considering the burden of communication disorders in Pakistan, with a population of more than 230 million, including both children and adults, there is an extreme shortage of speech and language pathologists. Comparing the burden of communication disorders with the number of trained speech and language pathologists, there remains an inadequacy in serving the needs of people with communication disorders. These disorders include the largest burden of autism, delayed language development, Down syndrome, intellectual disabilities, hearing impairment, stuttering, articulation, feeding, swallowing disorders, and more. Currently, a few educational institutes are providing these courses nationally, which still do not meet the demands.

Scope of Speech & Language Pathology:

Speech & Language Pathologists will have exciting opportunities to serve in different segments of society, including:

- Public sector hospitals
- Private sector hospitals
- Academic institutions
- Mainstream schools
- Private medical colleges
- Special education centers
- Rehabilitation centers nationally and globally.



Scheme Of Studies

ter	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7
	English I (Functional English)	Pak Studies	Biochemistry I	Computer Science	Basic Anatomy I	Basic Physiology I	Clinical supervised practice I
	English II (Communication Skills)	Islamic Studies	Biochemistry II	Basic Anatomy II	Basic Physiology II	Introduction to speech & language pathology	Clinical supervised practice II
	English III (Technical Writing)	Behavioral Sciences	Linguistics for SLP	General Pathology	Clinical Pharmacology	Phonology & phonetics for SLP	Developmental Pediatrics I
	Biostatistics	Developmental Pediatrics II	Medical & Surgical	Psychiatry & Human Psychology	Speech disorders I	Developmental Language Disorders	Clinical supervised practice IV
	Research Methodology	Speech disorders II	Clinical linguistics & clinical phonology	Speech disorders III	Speech & language rehab, assessment & planning of treatment	Developmental Rehab	Clinical supervised practice V
	Oral Motor Speech Disorders	Clinical Decision Making	Audiology & Speech Rehab	Adult Neurogenic Language Disorders		Research Project I	Clinical supervised practice VI
	Disorders of Nasality/Cleft Palate	Feeding & Swallowing Disorders	Learning Disorders			Research Project II	Clinical supervised practice VII
	Professional & Ethical aspects of Speech Therapy	Evidence based practice	Alternative & Augmentative Communication	-	-	Research Project III	Clinical supervised practice VIII

Faculty List

SPEECH & LANGUAGE PATHOLOGY

Sr. #	Name	Designation
1	Prof. Dr. Ehsan Ullah	Professor
2	Prof. Dr. Imran Saeed	Professor
3	Dr. Hina Azhar	Assistant Professor
4	Dr. Muneeba Kamran	Senior Registrar
5	Dr. Ammara Hina	Senior Registrar
6	Dr. Madeeha Ihsan	Audiologist/ Lecturer
7	Humaira Idrees	Senior Speech Therapist/ Lecturer
8	Arifa Hafeez	Speech Therapist/ Lecturer
9	Saima Abbas	Speech Therapist/ Lecturer
10	Fareeha Latif	Clinical Psychologist/ Lecturer



HUMAN NUTRITION & DIETETICS

The Human Nutrition and Dietetics course is a 4-year undergraduate program focused on equipping students with fundamental knowledge of food, nutrition, and dietetics. This course enables students to achieve professional knowledge and techniques to work closely with patients of all ages. Graduates will learn individual dietary needs and create diet plans. Nutritionists and dietitians will apply their acquired expertise to deliver research-oriented interventions to modify dietary patterns in the community, aiding in disease prevention and long-term sustainability. The program provides the required skills and exposure for jobs in healthcare centers, communities, governmental organizations, and the industry.

Need Assessment:

The Pakistani population is suffering from a variety of nutritional deficiency disorders, ranging from protein-calorie malnutrition to specific micronutrient deficiencies. These deficiencies are caused by factors such as dietary insufficiencies of micronutrients, poor maternal and child health, low levels of micronutrients in the soil, and bioavailability issues. These deficiencies result in growth retardation, poor mental development, and various types of physical disabilities. There is an increasing rate of chronic and acute malnutrition in the country, primarily attributed to poverty, illiteracy among mothers, food and nutritional insecurity, and a lack of cutting-edge research to devise local solutions. In addition to micronutrient deficiencies, the incidences of cardiovascular diseases, diabetes, cancer, obesity, hypertension, and kidney and liver problems are increasing due to unsafe and poor-quality diets. Consequently, malnutrition reduces GDP by 2-3%. The long-term and sustainable approach is to prevent and cure diseases through diet management. Recognizing the importance of human nutrition in daily life and emergencies like earthquakes, droughts, famines, and man-made disasters, nutrition education has become a necessity.

Scope of Human Nutrition and Dietetics:

- Nutritionists and dietitians will have exciting opportunities to serve in different segments of society, including:
- Nutrition Educationists, nutrition consultants/clinical dietitians, public health nutritionists, clinical dietitians, food service administrators, nutrition and health experts, weight management experts, therapeutic diet planning.
- Public Sector: Public Health Departments, School Health nutrition programs, research and teaching institutes, international organizations like UNICEF, WFP, UNDP, WHO, FAO, World Bank, non-governmental organizations, and motivational speakers.
- Private Sector: Multinational Companies, independent private practice, food industries, pharmaceuticals Industry, hospitality industry consultants for private companies and hospitals, airlines and railways services, catering services, healthcare centers.
- Foreign Countries: Public health departments in the Middle East, Europe, etc.



Scheme of Studies

Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
English I	Pak Studies	Biochemistry I	Computer Science	Anatomy I	Physiology I
English II (Communication Skills)	Islamic Studies	Biochemistry II	Essentials of food science and technology	Basic Physiology II	Fundamentals of human nutrition
English III (Technical Writing)	Macronutrients in human nutrition	Dietetics I	General Pathology	Assessment of nutritional status	Food safety and quality management
Biostatistics	Dietetics II	Food Microbiology	Clinical pharmacology	Nutrition through lifecycle	Clinical rotation 1
Research Methodology	Dietetics III	Food analysis	Nutritional immunology	Meal planning and management	Clinical rotation II
Nutrition deficiency disorders	Preventive nutrition	Functional foods and nutraceuticals	Public health nutrition	Clinical rotation III	Infant and young child feeding
Research methods in nutrition	Food and drug laws	Nutrition practices in clinical care	Drug nutrient interactions	Clinical rotation IV	Research Project
Food service management	Nutrition epidemiology	Food toxins and allergens	Sports Nutrition	Research project	Proteomics and nutrigenomics

Faculty List

Human Nutrition & Dietetics

Sr. #	Name	Designation
1	Prof. Dr. Junaid Rasid	Professor
2	Dr. Nabeela Mushtaq	Assistant Professor
3	Dr. Rabia Nizam	Senior Registrar
4	Dr. Asna Zahid	Nutritionist/ Lecturer
5	RashidahJaved	Nutritionist/ Lecturer
6	Maheen Awan	Nutritionist/ Lecturer
7	AasmaAkram	Nutritionist/ Lecturer



ANAESTHESIA TECHNOLOGY

The need for specialized anesthesia has increased with the advancement of surgical specialties and supra specialties. Anesthesiologists, as anesthesia providers, require qualified assistants to deliver safe and efficient care to patients. This program is designed to produce highly qualified and professional Anesthesia Technologists (who work as assistants to anesthesiologists) to meet the growing clinical needs in Operating Rooms (ORs) and Intensive Care Units (ICUs).

Anesthesia Technology is an Allied Health Profession specifically focused on a fundamental and advanced clinical program that assists anesthesia providers in the safe and efficient care of patients. Anesthesia technologists work in the Department of Anesthesia in hospitals as ancillary healthcare providers to improve the quality of care.

Need Assessment:

With advancements in surgery and anesthesia, there is a high demand for anesthesia technologists in hospitals at the national and international levels. In a country with around 250 million people, there is an extreme shortage of trained anesthesia personnel. Specialized healthcare centers with high-quality ORs and ICUs have emerged nationwide, and the demand for qualified and professional anesthesia technologists has surpassed the available supply in the market. Academic institutes also have a high demand for qualified teachers/trainers and quality researchers in this specialty, hence the need for this program.

Scope of Anesthesia Technology:

Anesthesia Technologists work in ORs and ICUs in hospitals. It is a highly lucrative job both at the national and international levels. They have a bright future with job opportunities in Pakistan and Middle Eastern Gulf Countries. As the number of surgeries increases daily and new avenues open up in surgical specialties, anesthesia personnel will be the backbone of advanced and complex surgeries under safe and efficient anesthesia. Trained Anesthesia Technologists are expected to have a major impact on this scenario.

Furthermore, the development of new training institutions, specialized trainers, and researchers in this program will be highly sought after.



Scheme of Studies

	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
I	English I (Functional English)	Pak Studies	Biochemistry I	Computer Science	Basic Anatomy I	Basic Physiology I
	English II (Communication Skills)	Islamic Studies	Biochemistry II	Basic Anatomy II	Basic Physiology II	Introduction to Anesthesia & Anesthetic Procedures
	English III (Technical Writing)	Behavioral Sciences	General Pathology	Hematology	Microbiology	Anatomy related to Anesthesia
I	Biostatistics	Infection Control	Pharmacology	Special Pathology	Physiology related to Anesthesia	Physics related to Anesthesia
	Research Methodology	Community Medicine	Medical Ethics	Pharmacology related to Anesthesia	History Taking & Peri-Operative Care	Anesthesia Equipment
	Anesthesia for General Surgery	Anesthesia for Orthopedic & Urologic Procedures	Anesthesia for Ophthalmology Procedures	Anesthesia & Co-Existing Diseases	Research Project	
II	Anesthesia for ENT & Plastic Surgery	Anesthesia for Obs/Gynae	Anesthesia for Pediatric Surgery	Crisis Management in Anesthesia	Management of Complications during Anesthesia	
	Anesthesia for Dental, Maxillofacial and Head & Neck Surgery	Critical Care	Anesthesia for Cardio-thoracic Surgery	Anesthesia for Neuro, Emergency & Geriatric Surgery		

Faculty List

ANAESTHESIA TECHNOLOGY

Sr. #	Name	Designation
1	Prof. Dr. Saeedah Asaf	Professor
2	Dr. Ali Ayyaz	Senior Registrar
3	Dr. M. Abdul Rehman Afzal	Senior Registrar
4	Dr. Saba Arshad	Senior Registrar
5	Dr. Sharib Khaild	Senior Registrar
6	Dr. Babar Rauf	Senior Registrar
7	Dr. Umar Iqbal Butt	Senior Registrar
8	Dr. Saima Siddique	Senior Women Medical Officer
9	Dr. Wafa Hameed	Women Medical Officer
10	Dr. Faiza Tabassum	Women Medical Officer
11	Amta Mubeen	Anesthesia Technologist/ Lecturer



NEUROPHYSIOLOGY

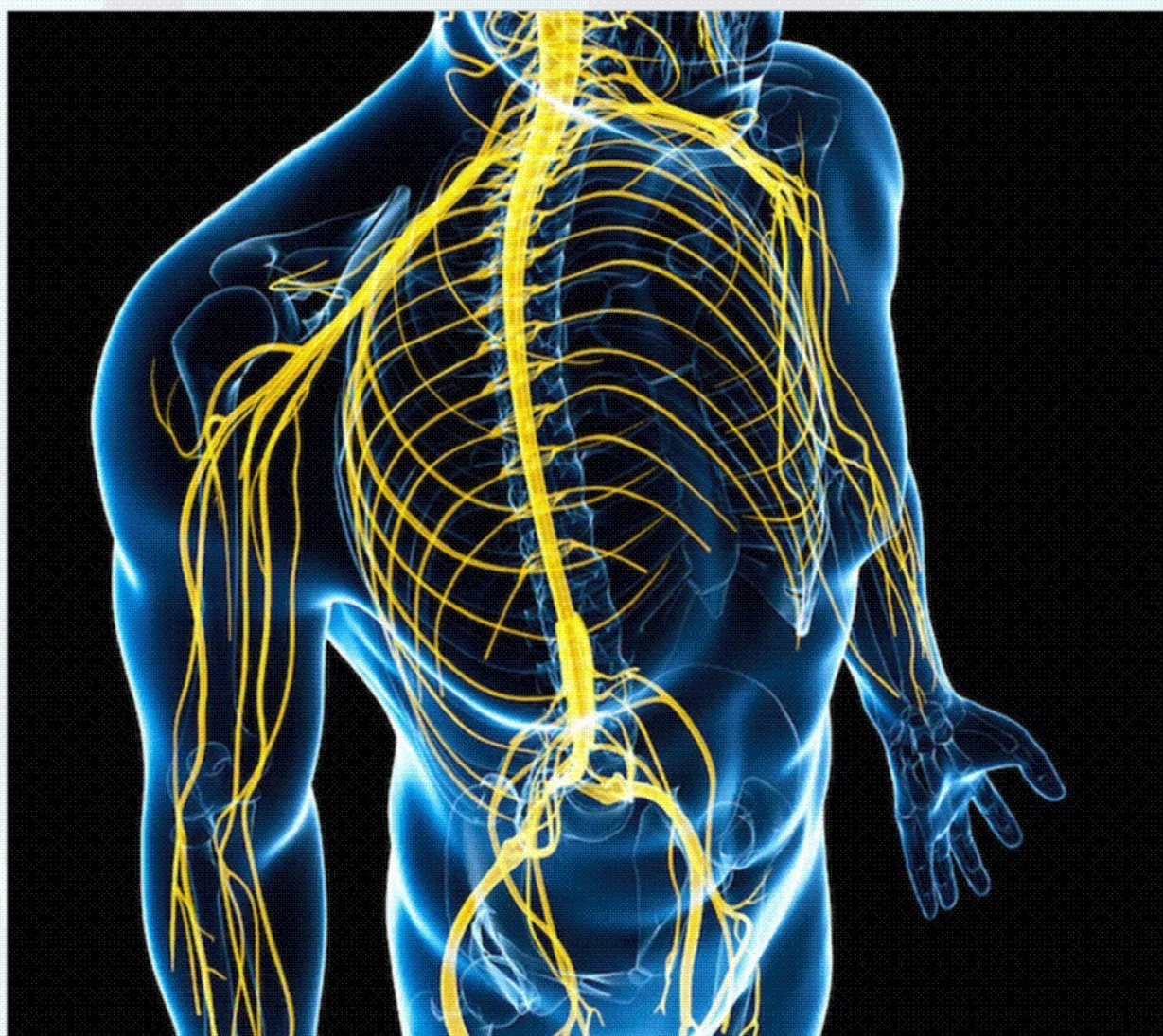
The Neurophysiology Technology course is a 4-year undergraduate program that focuses on providing students with fundamental knowledge of the functions of the nervous system. The program aims to equip students with the required skills and exposure to perform technical procedures in healthcare centers. After completing the B.Sc. Neurophysiology Technology course, students will have gained the necessary skills, relevant professional knowledge, techniques, and ethical values to work closely with patients of all ages. They can apply their acquired expertise in their relevant field for efficient health service delivery. Neurophysiology technologists will be trained to perform specialized tests to investigate, diagnose, and monitor different neurological disorders such as epilepsy, neuromuscular disorders, degenerative brain diseases, strokes, and demyelinating disorders.

Need Assessment:

Considering the burden of neurological disorders in Pakistan, with a population of more than 240 million, including both children and adults, there is an extreme shortage of neurological health services. In addition to the inadequate number of pediatric and adult neurologists to address this significant burden, neurophysiology technologists are also in short supply. When compared to the burden of neurological disorders, the number of trained technologists in the field of neurophysiology remains insufficient to meet the needs of people with neurological disorders. These disorders include a substantial burden of epilepsy, muscular dystrophies, movement disorders, intellectual disabilities, degenerative brain diseases, and more. Currently, only a few educational institutes offer these courses nationally, which still do not meet the demands.

Scope of Neurophysiology Technology:

Pakistan has a large pediatric population, with 47.8% of its population being under 18 years of age. Due to consanguinity and interrelation marriages, the incidence of inherited neurological disorders is increasing day by day, further augmented by prematurity and antenatal birth events. Childhood neurological disorders pose a significant burden on society in terms of standard care, provision of health facilities, and human resources. Currently available facilities are concentrated in big cities, where a limited number of specialists work to cater to a huge population. Neurophysiology technologists are ancillary components working closely with neurologists to provide the best patient care. To meet the demands and provide better healthcare, the Neurophysiology Technology program will contribute to services in all aspects of healthcare facilities. The introduction of this program will increase human resources not only in the field of pediatric neurology but also in neurology as a whole. Neurophysiology technologists will have exciting opportunities to serve in different segments of society, including public sector hospitals, private sector hospitals, academic institutions, private medical colleges, and rehabilitation centers nationally and globally.



Scheme of Studies

Semester	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
I	English I (Functional English)	Pak Studies	Biochemistry I	Computer Science	Basic Anatomy I	Basic Physiology I
II	English II (Communication Skills)	Islamic Studies	Biochemistry II	Basic Anatomy II	Basic Physiology II	Introduction to clinical neurology
III	English III (Technical Writing)	Behavioral Sciences	Neuroanatomy	General Pathology	Neurophysiology	Clinical History and procedure related patient care
IV	Biostatistics	Basic electroencephalography I	Basic electromyography & nerve conduction studies I	Clinical pharmacology	Medical ethics	Clinical rotation 1
V	Research Methodology	Basic electroencephalography II	Basic electromyography & nerve conduction studies II	Instrumental electronics I	Surface anatomy	Clinical rotation 2
VI	Advance electroencephalography I	Advance electromyography & nerve conduction studies II	Instrumental electronics II	Basic Evoked potentials I	Clinical rotation 3	Research Project
VII	Advance electroencephalography II	Advance electromyography & nerve conduction studies II	Epilepsy and epilepsy syndromes	Basic Evoked potentials II	Clinical rotation 4	Research Project
VIII	Advance electroencephalography III	Advance electromyography & nerve conduction studies III	Neuromuscular disorders	Basic Evoked potentials III	-	-

Faculty List

NEUROPHYSIOLOGY

Sr. #	Name	Designation
1	Prof. Dr. Tipu Sultan	Professor
2	Dr. M. Zia-ur-Rehman	Associate Professor
3	Dr. Shaila Ali	Assistant Professor
4	Dr. Muhammad Asif Ibrahim	Assistant Professor
5	Dr. Shumaila Rafique	Assistant Professor
6	Dr. Azeem Ashfaq	Senior Registrar
7	Dr. Natasha Ghani	Senior Registrar
8	Dr. Javeria Raza Alvi	Senior Registrar
9	Dr. Sameen Qureshi	Senior Registrar



CARDIAC PERFUSION SCIENCES

B.Sc. (Hons.) Clinical Perfusion Sciences is an undergraduate program offered by UCHS. Cardiovascular perfusion involves the scientific practice of supplying extracorporeal circulation to artificially assist and temporarily replace a patient's respiratory and circulatory systems. Clinical Perfusionists are qualified members of the cardiac surgical team who provide vital care for patients requiring extracorporeal circulation during major cardiothoracic, vascular, and transplant procedures, as well as for seriously ill patients.

The primary objective of the B.Sc. (Hons.) Clinical Perfusion Sciences program is to intellectually and clinically prepare Clinical Perfusion students for professional practice.

Need Assessment:

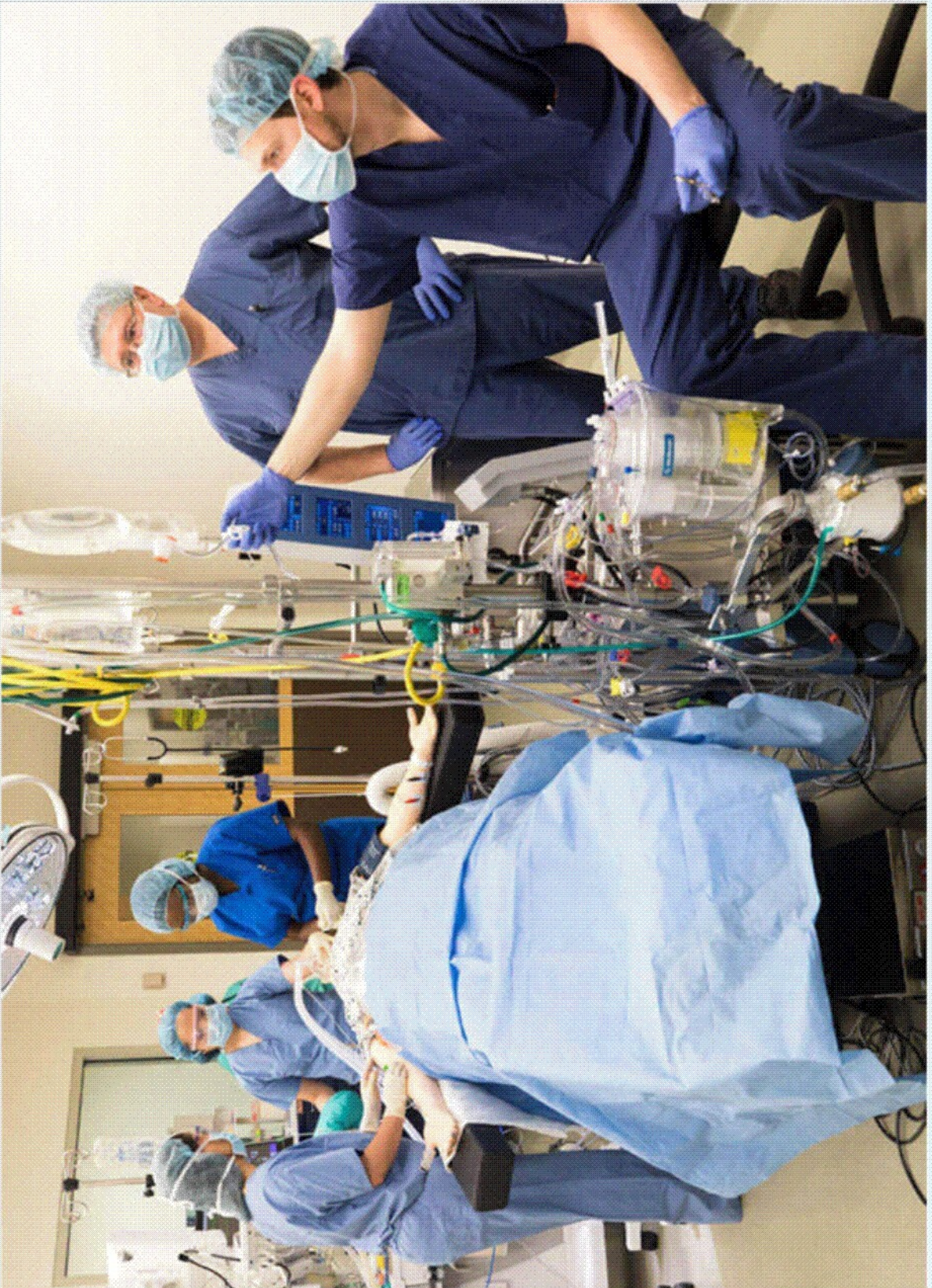
Considering the burden of cardiovascular diseases in Pakistan, there is an extreme shortage of cardiac surgery services. Apart from the inadequate number of pediatric and adult cardiac specialists to address this substantial burden, perfusionists are also limited in number. Compared to the burden of cardiovascular disease patients, the number of trained perfusionists in the field of cardiac surgery remains insufficient to meet the needs of people with cardiovascular diseases. These diseases include a significant burden of ischemic, valvular, and congenital diseases. Currently, only a few educational institutes are providing these courses nationally, which still do not meet the demands.

Scope of Cardiac Perfusion Sciences:

The scope of perfusionists is promising, offering various opportunities for professional growth and career advancement. Perfusionists will participate in specialized procedures such as organ preservation for transplantation, hyperthermic intraperitoneal chemotherapy (HIPEC), and deep hypothermic circulatory arrest (DHCA). Perfusionists will also engage in research and academic activities related to perfusion techniques, equipment development, and clinical outcomes. The demand for perfusionists exists worldwide, with opportunities available in hospitals, cardiac surgery centers, research institutions, and specialized clinics.

Perfusionists will have exciting opportunities to serve in different segments of society, including:

- Public sector hospitals
- Private sector hospitals
- Academic institutions
- Private medical colleges
- Institutions involved in human organ transplants



Scheme of Studies

Semester	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
I	English-I (functional English)	Pak Studies	Anatomy-I	Physiology-I	Biochemistry-I	Computer Science
II	English II (communication skills)	Islamic Studies	Anatomy II	Biochemistry II	Physiology II	Basic Hematology
III	English III (technical writing)	Behavioral Sciences	General Pathology	Cardiopulmonary Anatomy	Cardiopulmonary Physiology	Basic Perfusion Technology
IV	Bio-statistics	Pharmacology-I	Basic Microbiology	Medical Physics	Medical Ethics & law	Perfusion Technology-I
V	Research Methodology	Pharmacology-II (cardiovascular)	Perfusion Technology-II	Cardiac Diseases-I	Research Project	Perfusion Clinical Rotation- I
VI	Cardiac Surgery Procedures- I	Cardiac Diseases- II	Pediatric Perfusion Technology-I	Medicine related to Perfusion	Research Project	Perfusion Clinical Rotation- II
VII	Ventricular Assist Devices	Critical Care and Monitoring- I	Cardiac Surgery Procedures- II	Pediatric Perfusion Technology-II	---	Perfusion clinical rotation- III
VIII	ECMO & IABP	Critical Care and Monitoring- I	Non-cardiac Perfusion techniques	Disasters during CPB	---	Perfusion clinical rotation- IV

Faculty List

Cardiac Perfusion Sciences

Sr. #	Name	Designation
1	Prof. Dr. M. Asim Khan	Professor
2	Dr. Salman Ahmed Shah	Professor
4	Dr. Faiz Rasool	Associate Professor
5	Azhar Iqbal	Chief Perfusionist
6	Sana Ullah	Perfusionist/ Lecturer

CLINICAL PSYCHOLOGY

BSc (Hons.) Clinical Psychology is a professional undergraduate degree program at UCHS designed for those who aspire to pursue a career as a clinical psychologist. The program aims to enhance students' conceptual skills and equip them with advanced knowledge, principles, and methods relevant to the professional practice of Clinical Psychology. It strives to uphold international standards of Clinical Psychology in Pakistan, functioning as an independent discipline to meet the growing demands of the health sector.

The undergraduate Clinical Psychology program spans four years, comprising eight semesters. The course adopts an integrated model, wherein lectures, workshops, and placements are conducted sequentially. Emphasizing a practice-based approach, the program focuses on professional education and hands-on training. Each trainee is assigned a supervisor from the faculty, with whom they engage in regular small group meetings for tutorials, seminars, and guidance. The supervisor monitors and evaluates the trainee's progress throughout the program. Under dynamic supervision by qualified experts, students dedicate half of their time to practical training, while the remaining time is devoted to academic courses covering various areas, including Childhood and Adult Disorders, Psychological Assessment of Children and Adults, Research Methods, Professional and Ethical Issues, and a Research Project.

Trainees are encouraged to develop competencies in basic clinical skills and work in clinical settings to address a wide range of psychological issues. Participants master the methodology of psychological assessment and therapeutic interventions, applying them in a professional and ethical manner. Additionally, they conduct research in the field of Clinical Psychology.

Need Assessment:

In Pakistan, more than 20 million individuals (10% of the country's population) suffer from some form of mental health condition. Similarly, an estimated 15% of the world's population is living with a disability, 80% of whom reside in the Global South, including Pakistan. There is an extreme shortage of mental health and disability services in the country. This course plays a vital role in producing professionals like Clinical psychologists to serve the public in medical and educational institutions. It also contributes to the development of future teachers and researchers in the field.

Scope of Clinical Psychology:

Clinical Psychology offers various career options both in Pakistan and abroad, including clinical practice, research, and teaching. Clinical psychologists can work in hospital settings, using standardized assessment tools for diagnosis and offering problem-specific therapies. They can also serve as counselors in disaster, trauma, and emergency situations. Graduates can find employment in different public and private sectors such as hospitals (child and adult), clinics, academic institutions, rehabilitation centers, the military, the education sector, special education centers, and business and industrial organizations.



Scheme of Studies

nes er	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
I	English-I (Functional English)	Pakistan Studies	Professional ethics	Computer Sciences	Behavioral Sciences	Basic anatomy CNS
	English-II (Communication Skills)	Islamic Studies	Biostatistics I	Basic Physiology CNS	Introduction to Clinical Psychology	Biological Basis of Behavior
II	Writing & Presentation Skills English-III (Technical Writing)	Developmental Pediatrics & Psychology	Schools & Perspectives of Psychology	Neuropsychology	Supervised Clinical Practice I	
I	Biostatistics II	Applied areas of Psychology	Personality Theories	Human Resource & Management	Supervised Clinical Practice II	
I	Psychology & Disease (Psychopathology)-I	Cognitive Psychology	Developmental & Psychological Assessment-I	Research Methods-I	Developmental & Psychological Assessment Practical	Supervised Clinical Practice III
I	Research Methods-II	Data Analysis using SPSS	Psychology & Disease (Psychopathology)-II	Developmental & Psychological assessment II	Supervised Clinical Practice IV	
II	Positive Psychology	Forensic Psychology	Health Psychology	Research Thesis		
II	Social Psychology	Counselling Psychology	Educational Psychology	Disaster and Trauma management	Active Citizenship/ Voluntary work/ Community work/Internship-Mandatory; 2 casereports	

Faculty List

CLINICAL PSYCHOLOGY

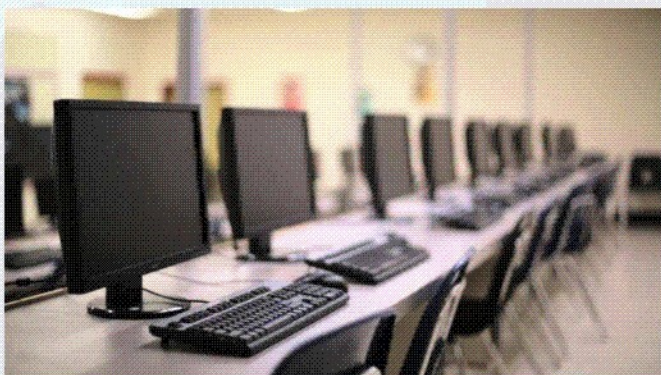
Sr. #	Name	Designation
1	Prof. Dr. Iqbal Bano	Professor
2	Dr. Aisha Farid	Assistant Professor
3	Dr. HinaAzhar	Assistant Professor
4	Wajeeha Zahra	Senior Clinical Psychologist
5	Anam Ali	Clinical Psychologist/ Lecturer
6	Noor ulain	Clinical Psychologist/ Lecturer
7	Bushra Shafique	Clinical Psychologist/ Lecturer
8	Zarnoosh Sarwar	Health Psychologist/ Lecturer
9	Tehseen Bakhtiyar	Psychologist/ Lecturer



FACILITIES TO STUDENTS

SAHS COMPUTER LAB

SAHS has its own well equipped computer lab in School. Computer lab is now uplifted to meet the standards of University of Child Health Sciences. Our computer lab is furnished with up to-date computer systems and fulltime internet facility to aid students in meeting the demands of information technology.



SAHS LIBRARY/ UCHS LIBRARY

SAHS has developed its own library since the inception of the School. Library is furnished with latest editions of recommended books of all discipline from various categories of health and sciences. SAHS library is now attached with the digital library of UCHS where students have access to all online reference journals and periodicals. These journals and online access helps in accomplishment of research work.



ANATOMY MUSEUM

Anatomy museum in SAHS, UCHS is maintained with cadaveric Skelton, different types of long and short bones, models of different systems of the body showing their nerves, muscles and blood supply. These models help students in understanding the anatomical regions, their locality and shape of different organs to aid in studies.



AUDITORIUM

University of Child Health Sciences auditorium acts as a nerve center for all activities and events that take place on the campus. The purpose built auditorium has an advanced lighting and sound system and has capacity of accommodating 300 audience at a time. It has been built according to international standards and allows University to play host to a myriad of events such as conferences, speaker sessions, workshops and Seminars.



SOCIETIES/ COMMITTEES OF SAHS

Qirat& Naat Society

Qirat and Naat society is a very vital and vibrant society in UCHS which enhances the students' attachment to the religion of Islam. It also provides opportunity to keep them productively. It promotes religious tolerance by organizing religious seminars, polishing students' talent and skills developing them into all-rounder with grooming interventions, selfhelp resources, communication and management skills. The winners took part in competitions across the province. At the conclusion of events, prizes are bestowed upon winners as a token of encouragement and love.

Debate Society:

Debate society fosters critical thinking by analyzing arguments and evidence from various perspectives. Participants learn to evaluate information critically, identify logical fallacies and construct well-reasoned arguments. The purpose of this society in UCHS is to install the passion for debates and value of words in students. It helps members to research, articulate arguments and clarify ideas. It enhances freedom of speech and critical thinking. Participants have chance to compete across the province. Awards are given for encouragement of students.

Magazine Society:

This society promotes literacy awareness among students by making multi lingual magazine which covers all the activities conducted by UCHS. The purpose of this society is to provide a platform to the students to showcase their skills and creativity in literacy and art. It serves as a great platform for the young writers at UCHS to promote their work and show their creative skills by publishing their work. The students have opportunities to participate in literacy competitions at provincial level.

Dramatics Society:

This society aims to indoctrinate the positive cultural heritage in addition to promote extra-curricular educational message. The function of this society is to instill love and recognition for drama and develop innovative and courageous artists poised to be creative leaders of tomorrow. This will improve students' critical thinking skills, communication skills, management of affective factors and performance skills.

Sports Society:

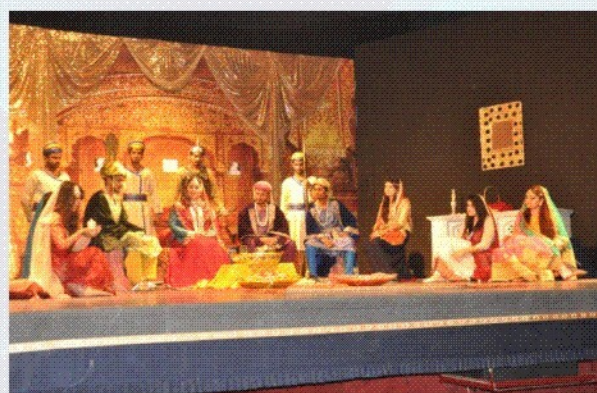
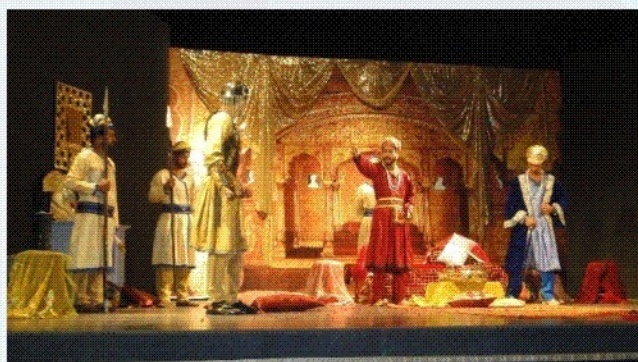
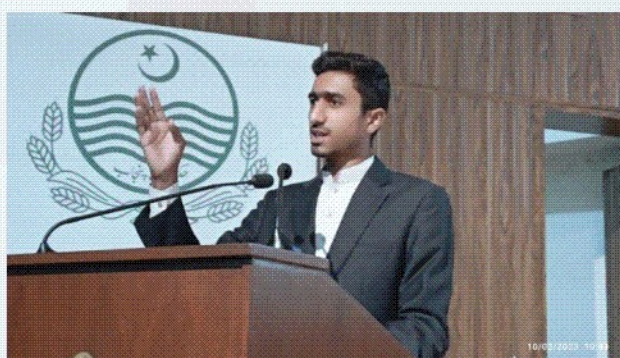
The objective of sports society is to promote physical fitness and to inculcate in students qualities such as teamwork and sportsmanship. It provides recreational as well as competitive environment for future career development amongst youth. It promotes mode of relaxation through organizing sports events and development of inner hidden qualities of students alongside focusing on physical fitness. By joining the society, students have chance to improve concentration, keep their

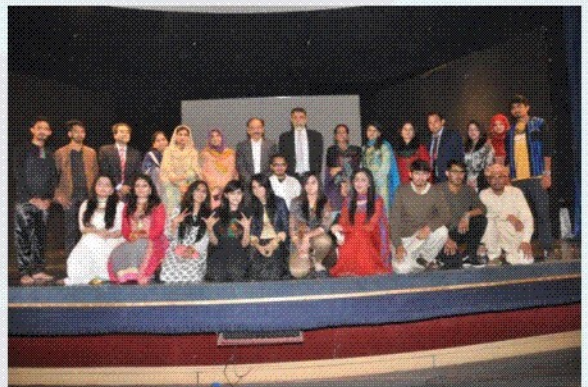
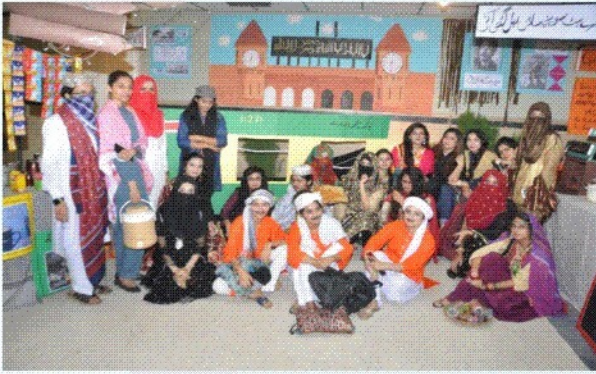
brains in good shape and happier. It enhances sense of healthy competition. Medals are awarded for encouragement of students. Students have the opportunity to participate in following games

- Cricket
- Badminton
- Football
- Races
- Tug of war

Event Management Society:

The aim of this society is to provide leadership and management skills and organization of university events. The students reflect innovative ideas of thematic décor of the university events and management of extra-curricular activities held in UCHS. It's a great platform which polishes organization and management skills of students by providing them opportunities and encouraging them by giving them confidence and appreciation certificates.







OTHER CURRICULAR ACTIVITIES

Convocation:

Annual Convocations are a time-honored tradition where we gather to honor and confer degrees upon our graduating students. Convocation serves as a symbol of the knowledge, skills, and experiences gained during your time at University as you step into the world fully equipped to make your mark. It is a formal ceremony where individuals, typically students, are awarded academic degrees, often marking the successful completion of their academic programs.

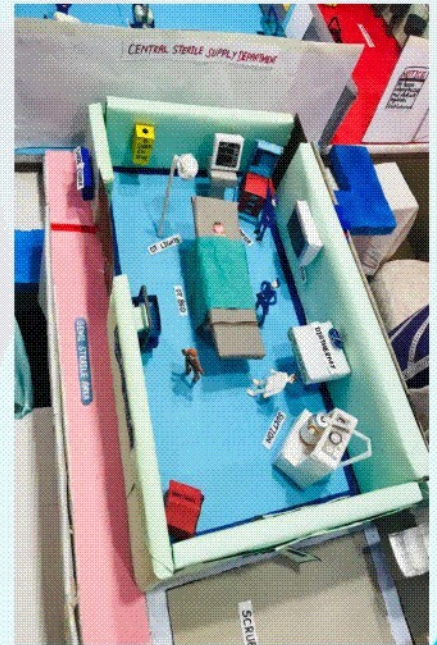
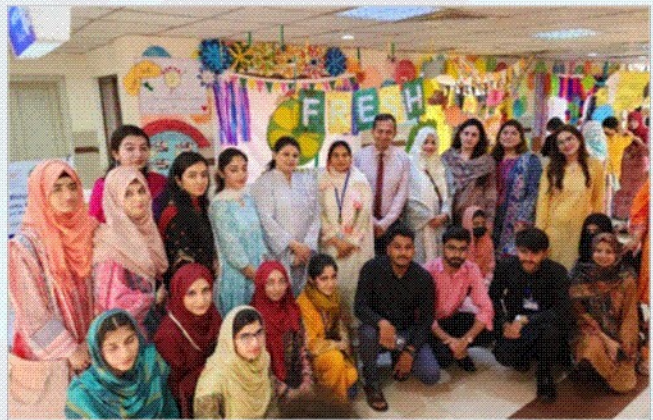
We have successfully conducted 3 convocations for our previous batches in 2017, 2018 and 2019.

Best Graduate from every discipline of each session was awarded with Gold Medals to praise their academic achievements.



Scientific Exhibition:

Scientific exhibition at SAHS, UCHS is a fusion of creativity and knowledge, where scientific concepts come to life and inspire the next generation of scholars and innovators. Our Annual Scientific Exhibition is a reflection of our dedication to pushing the boundaries of human understanding and addressing some of the world's most pressing challenges. Every brilliant experiment, like every great work of art, start with an act of imagination. The scientific exhibition provides students with a platform to explore their ideas and demonstrate their hard work practically through the creation of models. These models not only showcase their innovative concepts but also imply their deep passion for their respective field. The judging panel recommends that the students create a duplicate of their models and place them in the on-site display area for practical implementation.



1ST UCHS ALLIED HEALTH CONFERENCE (AHC):

The 1st Allied Health Sciences Conference UCHS, titled “**Strengthening of Child Health Care: Role of Allied Health Professionals**”, was held on 26th & 27th October 2022. Vice Chancellors of all Medical Universities and Allied Health Sciences Universities were invited. Principals, Personnel and professionals of Allied Institutes from all over Punjab attended the conference. AHC included state of the art lectures by international speakers, invited talks and panel discussion of the experts in the field. Pre and Post Conference hands-on workshops were conducted by each discipline of AHS.

Focus of the conference was to highlight the significance of allied health professionals within the medical field and to emphasize the collaborative teamwork of these professionals and how the absence of any team member can impact patient care. Moreover, the conference showcases research opportunities for students in their respective fields and encourages them to strive for excellence.



BASIC LIFE SUPPORT (BLS) WORKSHOP:

Basic life support (BLS) workshops are important because they equip individuals with the knowledge and skills needed to respond effectively in life-threatening situations. These workshops can make the difference between life and death and contribute to safer and more prepared communities. BLS Course is designed to educate how to perform CPR (Cardiopulmonary Resuscitation) and AED (Automated External Defibrillator) in a wide variety of in-facility and pre-hospital settings.

Every year we arrange BLS workshops for our students. Students of UCHS participate and perform CPR under guidance of the expert team. There is pre and post evaluation of all attendees and students are provided by certification.



IMPORTANT CONTACTS

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registrar@uchs.edu.pk

ADMIN UCHS

042-99230901-23