

قُلُ هَلُ يَسُتَواى ٱلَّذِينَ يَعُلَمُونَ وَٱلَّذِينَ لاَ يَعُلَمُونَ أِنَّمَا يَتَذَكَّرُ أُولُوا ٱلْأَلْبُ فِ آپان سے پوچیں کیاعلم والے برابر ہیں لاعلموں کے، بشک یہ چونکادینے والی بات مے فور وفکر والوں کے لئے (آیت نبر 9، سورة الزمر پار ۵۵۰)

Say, "Are those who know equal to those who do not know?" Only they will remember [who are] people of understanding.



DOCTOR OF PHARMACY

DOCTOR OF PHYSIOTHERAPY

BSC (HONS.) ALLIED HEALTH SCIENCES

BSc (Hons.) MEDICAL LABORATORY

BSc (Hons.) CARDIAC PERFUSION

BSc (Hons.) RESPIRATORY THERAPY

BSc (Hons.) OPERATION THEATER

BSc (Hons.) EMER & INTENSIVE CARE

BS Human Nutrition & Dietetics

BS MICROBIOLOGY

BS BIOTECHNOLOGY

BS BIOCHEMISTRY

BS CHEMISTRY

BS ZOOLOGY

BS PSYCHOLOGY

BS NURSING

POST RN (CCU-OT)

DIP. IN PARAMEDICAL SC.

Vision, Mission & Values



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WELCOME

Gulab Devi Educational Complex took place in 2005 in Gulab Devi Hospital. It is presently training doctors in the specialty of cardiology and chest – medical and surgical aspects besides producing allied health sciences doctor of physiotherapy and doctor of pharmacy professionals in related fields in a much larger number. I do not see those days very far off when in chest and cardiology these MBBS doctors and AHS staff along with DPT and Pharm D would become pioneers in detecting and devising optimal methods of management in these specialties especially geared for the indigenous presentations of these disease in our country.

YOUR PROFESSIONAL CAREER STARTS HERE

Mr. Syed Shahid Ali Shah
Patron-in-Chief



As part and parcel of the Gulab Devi Educational Complex, you have an intrinsic role of contributing the best you can, in creating a comfortable home to dwell by harmoniously studying and cooperating with other students and staff within the framework stipulated by rules, regulations and Students By-Laws. The presence of all paraphernalia and infrastructure in respect of a good institute is well visible in this institute. In the last few years, it produced a host of best and bright graduates. In recognition of our status, we endeavor to ensure that we create and sustain an enabling environment under conditions that allow for a very diverse and cosmopolitan student body. I hope that GDEC will continue to scale new heights and our students will serve the society by utilizing their experiences in the vibrant academic environment of Gulab Devi Educational Complex.

Dr. Abid AliProject Director

It is a matter of great pleasure for us that you are planning to join the Gulab Devi Educational Complex for your better future. Gulab Devi Educational Complex has proved its dedication to education in a historic perspective. It is an enterprising, forward looking seat of learning pledged to churn out versatile subject specialists. It blends academic strength and untapped facilities with responsible and dynamic atmosphere. We take pride to elevate the students to the heights of excellence so that they may pave the path of service to human kind's, progress and prosperity as an individual and a society member. The faculty of the institute is devoted to its profession and fully aware of the pulse of the time. It stands at the cutting edge of its disciplines and is well known for the teaching excellence. We'll,

Inshallah, equip you for an era which is being rapidly reshaped by Science and Technology. Wishing you all the best,

Prof. Dr. Muhammad ZubairDean - Postgraduate Medical Institute

Gulab Devi Chest Hospital was established in 1934 and ever since it has been providing free treatment to the deserving and the under privileged. Over the past eight decade it has progressed and achieved various milestones. The most recent being its upgradation as a teaching hospital. Al-Aleem Medical College as such has been founded on the medical history of almost a century of professional experiences. The driving force which led to the establishment of this prestigious institution was our ambition to acquire highly qualified and experienced doctors for providing a medical care par excellence to our patients. Our students would this have a unique privilege of being exposed to the treatment if a large pool of patients. This would not only broaden their knowledge but also provide them with a medium for research under the guidance of an elite group of professors. Despite being affiliated to a very historic hospital, the college is being established in a purpose built state of the art infrastructure with the most modern and upto date apparatus and teaching aids. As such standards will be exposed to a remarkable blend a futuristic and antiquated buildings located in the center of Lahore. Welcome to a relationship and association that would last for many generations.

Prof. Dr. Hamid Hassan Principal - Al - Aleem Medical College

Gulab Devi Educational Complex continues to exemplify and build on the vision of being a leading research intensive college in Pakistan: it is recognized for its quality, relevance and impact, as well as for creating knowledge, developing people and making a difference locally and globally. Doctor of Pharmacy (Pharm-D) program in Pakistan was impelled in 2003. The focus of this five year professional degree was to produce highly trained pharmacist especially in the field of clinical pharmacy. Most of the pharmacists in Pakistan are involved in pharmaceutical industries and the rest are serving in drug regulatory authorities, sales and marketing, community pharmacy, hospital pharmacy, research and development departments and as teaching faculties in different universities, colleges or institutes. Therefore, the prime focus of Pharm-D program is to train the pharmacy students as highly qualified pharmacists for different fields of pharmacy. With a robust infrastructure, competent management and dedicated teaching faculty, GDEC is an ideal institution for learning and practicing 21st century medical science.

Prof. Dr. Mobasher Ahmad ButtDean - Institute of Pharmacy

It is a pleasure for me and for this institute that you are planning to join Gulab Devi Institute of Physiotherapy under the umbrella of Gulab Devi Educational Complex, Lahore. Physiotherapy is a well-developed profession, Physiotherapist are autonomous professionals and are key players in the health care system. Gulab Devi Institute of Physiotherapy provide our students with extensive education, the best clinical expertise, hands on approach and train the students for customized treatment plan in accordance with the international standards. It has been achieved with good infrastructure and our own hospital through which students have been trained evidence based care in OPD as well as in orthopedic, neurological, gynecological, sports, cardiorespiratory, pediatrics, and other fields of physiotherapy.

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Dr. Majid KaleemPrincipal - Institute of Physiotherapy



Faculty/Institute of Allied Health Sciences takes pride to claim that its faculty is amongst the pioneers of Gulab Devi Educational Complex, and is genuinely specialized to impart quality education. It stands at the cutting edge of its various disciplines and is well known for the teaching excellence. That is why the institute has frequently stood first throughout the Punjab bearing the best results; as our students have secured more than 200 University positions. The leading position of Institute of AHS on the Website of University of Health Sciences bears out its educational superiority.

The faculty of Allied Health Sciences is always committed and active to help for educational needs of the students and it'll, IN SHA ALLAH, continue to equip its students for an era which is being rapidly reshaped by Science and Technology.

Dr. Hareem HamidPrincipal - Institute of Allied Health Science



Dr. Roquyya GulDirector - Faculty of Life Sciences

Professor of Biotechnology

Welcome onboard!

Thank you for becoming the part of Gulab Devi Educational Complex (GDEC), which is now one of the leading educational institutions of the Punjab with myriad institutes running under its umbrella.

On the foundation stones of unity, faith and discipline, the BS programs in Biotechnology, Biochemistry, Microbiology, Zoology, Human Nutrition & Dietetics, Psychology and Chemistry were launched under Life, Nutritional, Social, and Physical Sciences to nurture and groom these disciplines with a global outlook. The institute has grown tremendously qualitatively and quantitatively with state of the art research equipment's for Bachelor program's supported by computer facility and library, well supported HEC- National Digital Library. We believe in quality assurance and enhancement, which is a dynamic process and our faculty is well trained and vibrant to take up the challenge, reach the rising bar of excellence and keep pace with the changing national and international needs.

Our institute is a perfect avenue for the students to get admission in the field of Biotechnology, Biochemistry, Microbiology, Zoology, Human Nutrition & Dietetics, Psychology and Chemistry and take their first step towards a successful future.

We are looking forward to see you at the campus.

I am delighted to highlight our institute of paramedics which is known for quality paramedics education. It started working in 2016 and is affiliated with Punjab medical faculty and attached to 1500 bedded Gulab Devi teaching hospital. Paramedics are health care professionals who play their vital role in the smooth delivery multi-disciplinary health care services by assisting doctors and other medical staff. We in the institute are committed for strong moral and ethical values. We work for the overall development of personality of the students by not only focusing on academics but also involving students in various others co curriculum activities including sports and other cultural events. If you are strong physically and mentally, passionate, caring, know the value of life you may join us. Our dynamic management, dedicated highly qualified faculty invite you and your parents if you are considering admission in our institute of paramedics. We believe that parents have strengthening power in molding the future of children so we always welcome and encourage parents' involvement with regular parent teacher meetings



Dr. Tariq LodhiDirector - Institute of Paramedics



Mrs. Kausar Parveen
Dean - Institute of Nursing

Welcome to the Al-Aleem Institute of Nursing Educational Complex Gulab Devi Hospital Lahore!

This is an exciting time in healthcare and nursing in particular. In the whole world nursing is recognized as the most ethical "profession and is considered the critical backbone and life force of the delivery system. What does that mean for those considering nursing as a profession? It means that as a nurse you will carry an awesome responsibility.

As a Pakistani graduate nursing student, whether they are in the traditional 4 years undergraduate GBSN program, (registered by Pakistan Nursing Council), they will be learning from world-class faculty who were practicing in their specialty areas. You will have the opportunity to apply your classroom learning in a wide array of health care settings in our own hospital and take advantage of premier simulation facilities your clinical rotations in hospital and community settings will equip you to pursue employment in any specialization after graduation. You are part of the staff and can apply your classroom knowledge in a living laboratory- the clinical area After 4 years GBSN completion, 1-year internship is mandatory 4 years GBSN graduates.

Our qualification with the UHS Lahore and Al Aleem Institute of Nursing GDEC LAHORE, MEANS that you and the faculty can select the best place for your clinical rotations including our very own 1500 Beds hospital equipped with modern technology. Baccalaureate BSN degree program designed for experienced teachers and clinical officers, graduate program like our, Critical Care/ICU and Cardiac Care and OT are world class. I am confident that you will find a pathway to a bright future in a chosen career or profession.

Once again! Welcome to the AL ALEEM INSITUTE OF NURSING GDEC LAHORE. Do encourage to call principal's office with any question or concerns.

ADMINISTRATION



Syed Shahid Ali.Patron in Chief



Dr. Abid Ali.Project Director



Prof. Dr Hamid HassanPrincipal- Al Aleem Medical College



Dr. Muhammad Irfan Malik Assistant Project Director



Prof. Dr. Mobasher Ahmad ButtDean-Institute of Pharmacy



Prof. Dr. Majid KaleemPrincipal- Institute of Physiotherapy



Dr. Roquyya Gul
Director- Faculty of Life, Social, Physical
& Nutritional Sciences



Mrs. Kausar Parveen
Dean- Institute of Nursing



Dr. Hareem HamidPrincipal- Institute of Allied Health Sciences



Dr. Tariq LodhiDirector - Paramedical Science



Mr. SanaullahPrincipal- Paramedical Sciences



Mr. Asad JavedOffice Superintendent



Mr. Israr Ahmad IT Officer



Mr. Khalid Mahmood Khalid Chief Public Relation Officer



Mr. Atif Admin Officer

ADMINISTRATION



Mr. Muzzafar Senior Stenographer



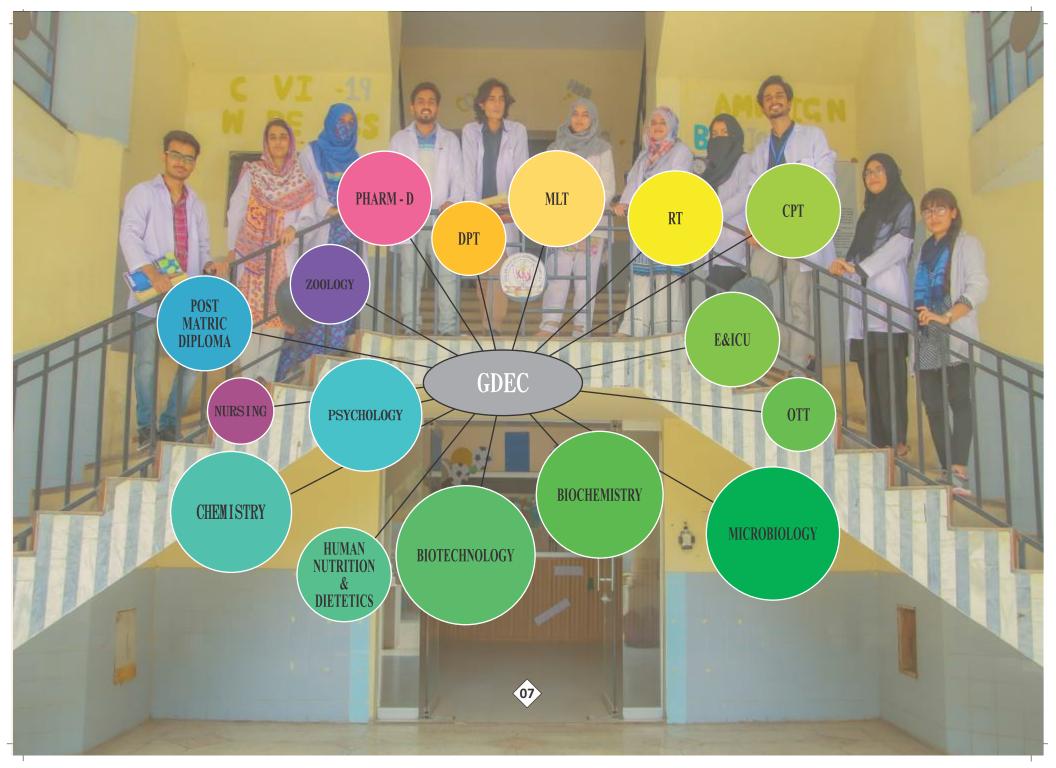
Mrs. Ayesha Rehman
Director - Media and Communication



Mr. Ahsan Accountant



Mr. Shafaullah Librarian



CELEBRATING STUDENT'S **SUCCESS**

Komal Babar OTT

Yohoo! I have done B.Sc OTT from Gulab Devi Educational Complex, Great Facilities, Great Environment, Great Intellectual Capital and Faculty is superb. The bucket of knowledge with vast experience of faculty forces you to pay full attention during lectures. Yeah I am Gulab Devian.

KOMAL

BABAR

Rajab Ali

Being a Pioneer student in institute means you have to suffer a lot throughout the student life, but Gulab Devi is institute with proper infrastructure helps us to understand each and every aspect of professional career. Now I am enjoying job in Shaukat Khanam Memorial Hospital and **Proudly Gulab Devian.**

RAJAB ALI

Sundas Ateeq

After not being qualified for MBBS, I got admission in GDPGMI in Bsc (Hons.) E&ICT. Here I persuade my dream to be a part of health care system. Being in a pioneer batch of institute, the whole responsibility was on us for its success and glory. The competent and affectionate teachers of GDPGMI played a key role in building a strong base of medical knowledge which ultimately led to a Post-Graduated diploma in Respiratory.

SUNDAS ATEEQ

Ayesha MLT, PhD

When I started at GDEC I was depressed as my parents had different dreams for me, just like any other passionate student I wanted to enroll in Medical. But I found that faculty was very welcoming. Motivational backup of teachers helped us to improve CGPA. After completion of degree I got job in different Medical Labs across the country. Currently I am doing PhD to secure my future.

AYESHA AFZAL

WHY CHOOSE GULAB DEVI EDUCATIONAL COMPLEX

LECTRICIT

24/7 Generator Backup

Located in the Heart of Lahore

Metro Station No. 18



Quality Enhancement Cell

Introduction:

QEC works with Quality Assurance Agency of Higher Education Commission (QAA/HEC) in the process of capacity building of academia, awareness campaigns, training of teachers for preparing Self-Assessment Reports (SARs) of the various teaching programs in their respective departments. In this regards through a system of surveys and feedback the QEC attempts to protect the interest of students, teachers, employers, and other stakeholders in the field of higher education. QEC of the institute has clearly defined guidelines as per HEC policies and ensures commitments to continuous improvement. The QEC team at GULAB DEVI EDUCATIONAL COMPLEX would work in close collaboration with (HEC, UHS, UOS, GCUF, and PU) for improvement and enhancement of existing programs and development of new ones for uplifting of the institution.



Dr. Ammara Waqar
Designation: Director
Qualification: M.Phil Quality
Management,
Ph.D Public Health



Mr. Usman Javed Iqbal Assistant Director- QEC



To aim for high quality education at Gulab Devi Educational Complex by an exemplary quality assurance system incorporated with national and international standards guidelines.



Ms. Hina Mahmood
Designation: Research Analyst
Qualification: M.Phil Statics



To maintain, promote and enhance quality of educational programs to the highest standards through strategic planning, assessment, and continuous monitoring.



Mr. Abdur Rehman
Designation: QEC Coordinator

INSTITUTE OF PHARMACY

DISCRIPTION

Pharmacy is an interdisciplinary field of science covering each and every aspect related to drug. The profession of Pharmacy has now evolved from the traditional compounding and dispensing of drugs to the most advance clinical aspects of drugs and patient care system. The health care system in most of the developing countries has been lacking the appropriate facilities, systems and procedures for the prescribing the medicine. Therefore, a highly educated and skilled Pharmacist is compulsory to solve these issues and also to eradicate the drug related problems. eThe prime focus of Pharm-D program is to train the pharmacy students as highly qualified pharmacists for different fields of pharmacy.

OPPORTUNITY

- Industrial Pharmacy
- Hospital Pharmacy
- Clinical Pharmacy
- Community Pharmacy
- Drug Regulatory Authority of Pakistan (DRAP)
- Drug Testing Laboratories
- Health Ministry
- Teaching
- Drug Court

DISCIPLINES

Pharmaceutics Pharmacology Pharmaceutical Chemistry **Pharmacy Pharmacognosy Practice**



FACULTY OF PHARMACY



Prof. Dr. Mobasher Ahmad Professor & Dean B.Pharm (PU), M.Pharm (PU), M.Phil (PU), Ph.D (Wales, UK)



Dr. Aamir Mushtag Associate Professor of Pharmacology Pharm-D (UOS), M.Phil (IUB), PGD (RIU), Pharm-D (PI) M.Phil (RZII) Ph.D Pharmacology (PU)



Mr. Muhammad Wajid Pharm-D (PU), M.Phil (BZU), Ph.D* Scholar (BZU)



Mr. Zohaib Rafey **Assistant Professor** of Pharmaceutical Chemistry Pharm-D (PU), M.Phil (PU) & Ph.D* Scholar (PU)



Ms. Rabia Arshad **Lecturer of Pharmacognosy** Pharm-D (PU), M.Phil (PU)



Mr. Haider Abbas Zaidi **Lecturer of Pharmaceutics** Pharm-D (PU), M.Phil (PU)



Ms. Mariam Ashraf **Lecturer of Pharmacy Practice** Pharm-D (PU), M.Phil (PU)



Ms. Sadia Latif **Lecturer of Pharmaceutics** Pharm-D (PU), M.Phil (PU)



Mr. Fahad Hussain **Lecturer of Pharmaceutics** Pharm-D (PU), M.Phil (PU)



Ms. Ayesha Aleem **Lecturer of Pharmacy Practice** Pharm-D (UOS), M.Phil (LCW)



Ms. Aisha Khokhar **Lecturer of Pharmacy Practice** Pharm-D (UVAS), M.Phil (LCW)



Mr. Ali Raza **Lecturer of Pharmaceutical Chemistry** Pharm-D (UOL), M.Phil Scholar *(UOL)

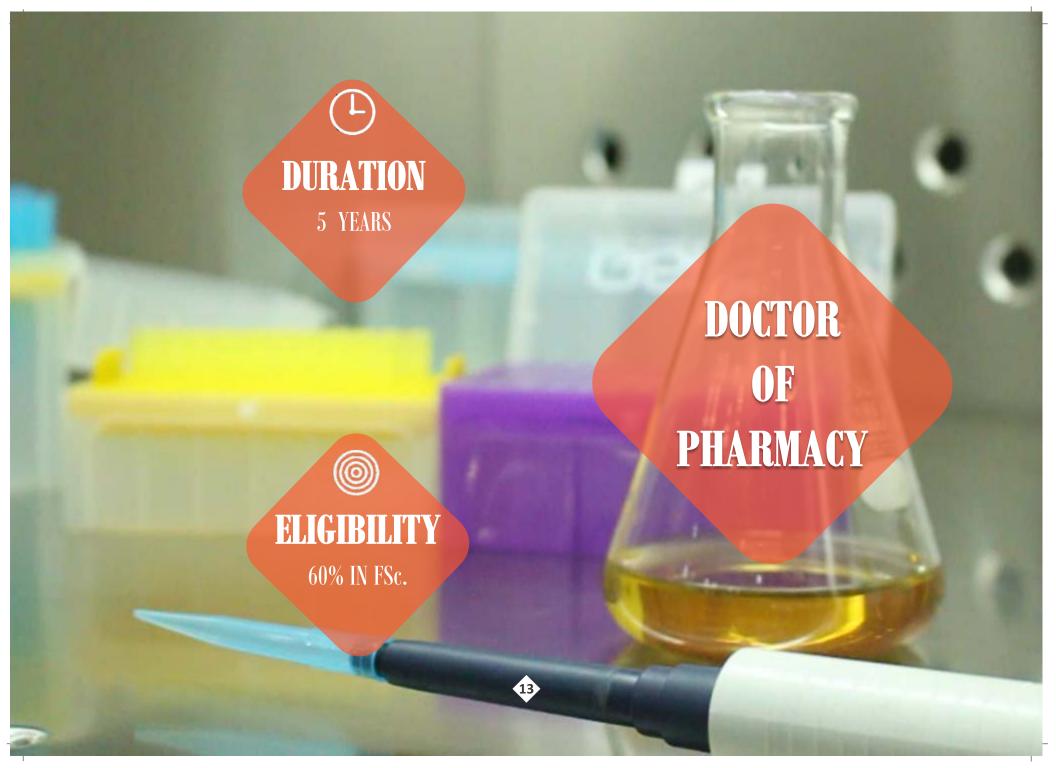


Ms. Anum Fida **Hospital Pharmacist/Lecturer** of Pharmacy Practice Pharm-D (IUB), M.Phil (IUB



Ms. Aurooj Ashraf Demonstrator Pharm-D (HU)





Clinical Projects of Pharm-D Final Year Students (Session 2021-21)

Knowledge, Attitude and Perception Towards Covid-19 Vaccination; A Cross Sectional Community Survey in Lahore, Pakistan Assessment of Prescription Patterns in the Cardio vascular Department of Gulab Devi Hospital, Lahore

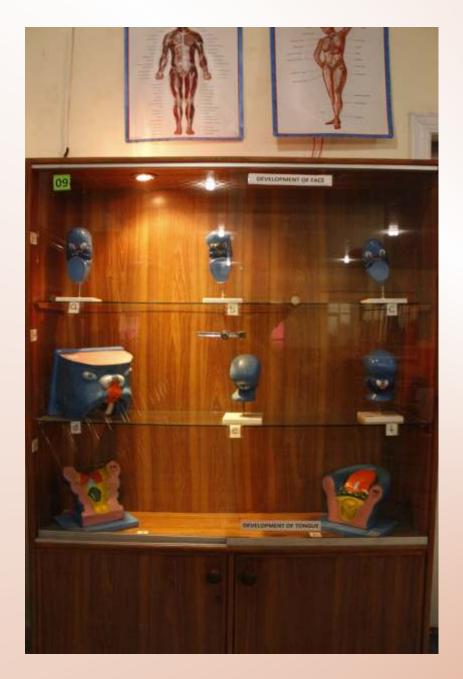
Evaluation of Medication Non-Adherence And Associated Factors Among Diabetic Patients in Tertiary Care Hospital of Lahore

Drug Utilization Evaluation in Pulmonary Diseases Among Patients of Gulab Devi Chest Hospital, Lahore



Knowledge, Attitude And Practices of Women Towards Breast Cancer in Lahore, Pakistan









INSTITUTE OF PHARMACY

THEORY

- Pharmaceutical Chemistry-I (Organic)
- Pharmaceutical Chemistry-II (Biochemistry)
- Pharmaceutics-I (Physical Pharmacy)
- Physiology
- Anatomy & Histology
- English

Pharmaceutical Chemistry-I (Organic)

- Pharmaceutical Chemistry-II (Biochemistry)
- Pharmaceutics-I (Physical Pharmacy)
- Physiology
- Anatomy & Histology

THEORY

- Pharmaceutics-II (Dosage Forms Science)
- Pharmacology and Therapeutics-L
- Pharmacognosy-I (Basic)
- Pharmaceutics-III (Pharmaceutical Microbiology & Immunology)
- Pakistan St. & Islamic St. (Compulsory)
- Pharmacy Practice-I (Pharmaceutical Mathematics and Biostatistics)

PRACTICAL

PRACTICAL

- Pharmaceutics-II (Dosage Forms Science)
- Pharmacology and Therapeutics-I
- Pharmacognosy-I (Basic)
- Pharmaceutics-III (Pharmaceutical Microbiology & Immunology)

THEORY

- Pathology
- Pharmacology and Therapeutics-II
- Pharmacognosy-II (Advanced)
- Pharmacy Practice-II (Dispensing, Community, Social & Administrative Pharmacy)
- Pharmaceutical Chemistry-III (Pharmaceutical Analysis)
- Pharmacy Practice -III (Computer and its Applications in Pharmacy)

- Pathology Pathology
 - Pharmacology and Therapeutics-II
 - Pharmacognosy-II (Advanced)
 - Pharmacy Practice-II (Dispensing, Community and Social & Administrative Pharmacy)
 - Pharmaceutical Chemistry-III (Pharmaceutical Analysis)
 - Pharmacy Practice -III (Computer and its Applications in Pharmacy)

THEORY

- Pharmacy Practice-IV (Hospital Pharmacy)
- Pharmacy Practice -V (Clinical Pharmacy-I)
- Pharmaceutics-IV (Industrial Pharmacy)
- Pharmaceutics-V (Biopharamceutics and Pharmacokinetics)
- Pharmaceutics-VI (Pharmaceutical Quality Mgmt.)

- Pharmacy Practice -V (Clinical Pharmacy-I)
- Pharmaceutics-IV (Industrial Pharmacy)
- Pharmaceutics-V (Biopharamceutics and Pharmacokinetics)
- Pharmaceutics-VI (Pharmaceutical Quality Management)

THEORY

- Pharmaceutical Chemistry-IV (Medicinal Chemistry)
- Pharmacy Practice -VI (Advanced Clinical Pharmacy-II)
- Pharmaceutics-VII (Pharmaceutical Technology)
- Pharmacy Practice -VII (Forensic Pharmacy)
- Pharmacy Practice-VIII (Pharmaceutical Management and Marketing)

PRACTICAL

PRACTICAL

- Pharmaceutical Chemistry-IV (Medicinal Chemistry)
- Pharmacy Practice -VI (Advanced Clinical Pharmacy-II)
- Pharmaceutics-VII (Pharmaceutical Technology)

Achievements



RANA FAISAL LATIF Pharm D 2nd Position First Professional Annual Examination 2017 First Professional Annual Examination 2017



SANA E RASOOL Pharm D 4th Position



MARIYAM KHALID Pharm D 5th Position First Professional Annual Examination 2017



EMEN NASIR Pharm D 6th Position First Professional Annual Examination 2017



HAFIZA TAYYABA HUSSAIN Pharm D 1st Position First Professional Annual Examination 2018



NAYAB MEHMOOD Pharm D 6th Position First Professional Annual Examination 2018

INSTITUTE OF PHYSIOTHERAPY

DISCRIPTION

Besides this classes for Doctor of Physiotherapy were started in 2013 in affiliation with University of Sargodha. The students of DPT have one laurels at the record of University of Sargodha.

The institute will be the leader in the provision of an intellectual environment for innovative teaching, learning and research in the field of Physical therapy and Rehabilitation. It will produce competent, critical, reflective and accountable health care professionals well equipped to work in the community.

DISCIPLINES

Orthopedic Manual PT

Neuromuscular

Cardiopulmonary DT

OBJECTIVES:

- To provide an environment for research in physiotherapy.
- To enhance professional communication skills of physical therapy students.
- To equip student with updated knowledge and skills in physical therapy.
- To deliver physical therapy services to the community.

Sports PT

Pain Management

FACULTY OF PHYSIOTHERAPY



Prof. Dr. Majid Kaleem
Principal
MBBS FCPS(Medicine) Dip Card



Dr. Muhammad ArifDirector Education
TDPT(KEMU) MS-OMPT PhD*PT(HEC Scholar)



Dr. Saima RafiqueSenior Lecturer
DPT MS-OMPT



Dr. Muhammad Imran NawazSenior Lecturer
BSPT MS-OMPT



Dr. Khizra Kazmi Lecturer Bspt Tdpt



Dr. Junaid Saleem Lecturer BSPT PPDPT



Dr. Anam ManzoorLecturer
DPT MS-OMPT



Dr. Ume Kalsoom Lecturer DPT MS-CPPT*



Dr. Wajeeha BakhatLecturer
DPT MS-NPT



Dr. Gull Mahnoor Hashmi Lecturer DPT MS-CPPT*



Dr. Shiza Ghani Lecturer DPT MS-PPT*



CLINICAL TRAINING & RESEARCH PROJECTS

The Institute of Physiotherapy is linked with Gulab Devi Hospital for clinical training and research of students in different departments including Medicine, cardiology, pulmonology, rheumatology, dermatology, neurology, general surgery, thoracic surgery, Cardiac Surgery, orthopedic surgery, Gynae & Obs, ICUs and HDUs. Final Year Students of DPT underwent different research projects in the field of physical therapy and rehabilitation.

Projects

Effects of Protocol based Phase I Cardiac Rehabilitation in Patients with Post PCI.

Effectiveness of chest Physical Therapy in patients with Bronchiectasis.

Frequency of Pain and Mobility in Ipsilateral shoulder after Posterlateral thoracotomy.

Effectiveness of Hamstring Stretching with and without Hip Traction in Decreased SLR in young Female students.

Health Related Quality of life in patients after Myocardial Infarction.

The effect of incentive spirometry on post-operative pulmonary function following thoracic surgery.

Activity related quality of life in adult asthmatics.

Comparative study of routine Physiotherapy with and without knee distraction in patients of Knee OA.

Postural Changes among patient of chronic obstructive pulmonary disease.

Factors Effecting quality of sleep in ICU

Effects of home based exercises and the Centre based exercises in patients with mechanical low back pain.

Prevalence of Insomnia and its impact on the quality of life in chronic low back pain.





















INSTITUTE OF PHYSIOTHERAPY

1ST PROF.

- Anatomy I
- Physiology I
- Biochemistry I
- **♦ Kinesiology & Muscle Testing**
- **English**
- **♦ Introduction to Computer**



- ♦ Anatomy II
- Physiology II
- Biochemistry II
- **♦ Biomechanics & Ergonomics**
- **♦ Islamic Study**
- **Pakistan Study**

3RD PROF.

- Pathology & Microbiology
- **♦** Pharmacology
- Physical Agents & Electrotherapy Including Medical Physics
- ♦ Therapeutics Exercise & Techniques & Manual Therapy
- Behavioral Sciences



- Clinical Decision Making & Differential Diagnosis
- Physical Therapy Treatment & Techniques I
- Community Medicine Including Biostatistics & Research Methodology
- Evidence Based Physical Therapy & Professional Practice

- Surgery
- Emergency Procedure & Primary Care n Physical Therapy
- > Physical Therapy Treatment Technique II
- Prosthetic & Orthotics Human Development & Community Based Rehabilitation
- Exercise Physiology & Health & Wellness

Achievements



SHIZA GHANI
DPT
2nd Position in First Proff.
3rd Position in Second Proff.
Session 2013-2018



DPT

3rd Position in Fourth Proff.

Session 2015-2020



DPT
2nd Position in First Proff.
2nd Position in Second Proff.
3rd Position in Third Proff.
2nd Position in Fourth Proff.
1st Position in Fifth Proff.
Session 2014-2019



IQRA
DPT
2nd Position in First Proff.
3rd Position in Second Proff.
Session 2016-2021



MINAL ABID
DPT
3rd Position in Fourth Proff.
Session 2014-2019



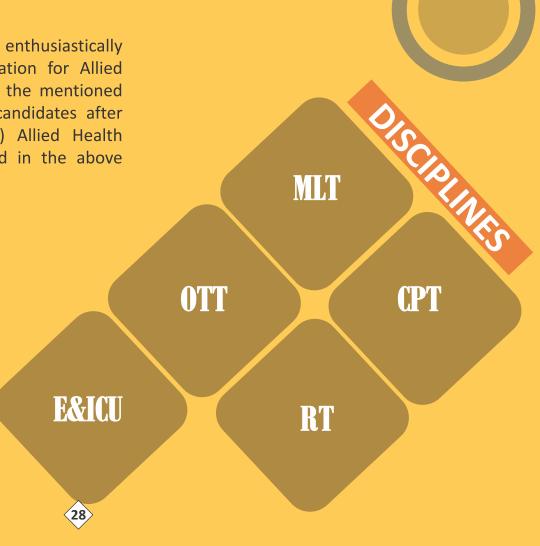
Kainat Aslam
DPT
1st Position in Third Proff.
Session 2017-2022

INSTITUTE OF ALLIED HEALTH SCIENCES

DESCRIPTION

The Gulab Devi Educational Complex also enthusiastically responded by commencing training and education for Allied Heath Professionals. Admission to aspirants for the mentioned courses were given to a sizeable number of candidates after careful selection on merit. Thus B.Sc. (Hons) Allied Health Sciences Courses of 4 years each have started in the above mentioned disciplines since 2007.





FACULTY OF ALLIED HEALTH SCIENCES



Dr. Hareem HamidPrincipal
MBBS



Dr. Zahid Abdul HamidDirector Education
MBBS



Dr. Liaqat Ali Coordinator MBBS (Pb), MSc Audiological Medicine (UK), Consultant Audiologist



Mr. Usman Javed Iqbal
Asst. Professor/Course Coordinator
CCP, LP, MSPH, PDGN, PhD Scholar



Mr. M. Umar Aftab Asst. Professor/Course Coordinator B.Sc(Hons) E & ICU, M.phil, PhD Scholar



Mr. Mughees Ahmed Sr. Lecturer/Course Coordinator B.Sc (Hons) MLT, M.phil, PhD Scholar



Mr. Mohsin Yar Lecturer/Course Coordinator B.Sc (Hons) OTT, M.Phil*



Mr. Ahsan Arif Lecturer/Course Coordinator B.Sc (Hons) RT, M.Phil*



Mrs. Sumaira Anwer Lecturer B.Sc (Hons) RT, M.Phil*



Mr. Ejaz Bhatti Lecturer B.Sc (Hons) CPT, M.Phil*



Mr. Sanaullah Lecturer B.Sc (Hons) CPT, M.Phil*



Mr. Nasir Farooq Sr. Lecturer MLT B.Sc MLT, PGD, M.Sc, M.Phil*



Ms. Nazia Karamat Instructor/OT Technologist B.Sc.(H) OTT, MPH



MEDICAL LABORATORY TECHNOLOGY

DESCRIPTION

This is a four year course equipping its students with the necessary knowhow of the laboratory technology which has in the recent past shown phenomenal progress in the world. Due to the prolific emergence of new techniques in laboratory technology, a need was felt to instruct and train lab technologists with a four year course to produce medical technologists who could handle these procedures and so become instrumental in improving the diagnostic precision of disease states of the patients.

SCOPE

The graduates in this field find ample positions in private labs and after a few years training in good standard labs of public and private sectors are likely to be offered lucrative salaries abroad especially in the Gulf countries. These B.Sc (Hons) Allied Health Sciences in the discipline of Medical Lab Technology qualifications also make them eligible for continuing M.Phil in this specialty. They can thus pursue teaching line and also contribute in research

1st Year Theoretical

- Basic Anatomy
- Basic Physiology
- Basic Biochemistry
- General Pathology
- Behavioral Sc.
- Islamiat &Pak St.
- Computer Education

Practical

Hand on training in basic techniques related to the discipline.

2nd Year Theoretical

- Hematology and Blood Banking
- Histopathology and Cytopathology

Practical

Hand on training in laboratory techniques in above mentioned disciplines

3rd Year Theoretical

- Microbiology
- Chemical Pathology
- Immunology And Serology

Practical

Hand on rotational training in laboratory techniques in above mentioned disciplines

4th Year

Theoretical

- Elective Subjects
 Immunohematology
 Advance Clinical Chem.
 Clinical Microbiology
 Advanced Clinical
 Immunology
 Medical Genetics
 Molecular Biology
- Biostatistics & Research Methodology

Practical

Advanced lab training related to elective subjects. Research assignments related to elective subjects



CARDIAC PERFUSION TECHNOLOGY

DESCRIPTION

Heart is an important and vital organ of the body. When it is diseased it sometimes needs surgical manipulation and treatment. The cardiac surgeon in many cases can only repair the heart when the heart stops beating and during this functional cessation, its functions are performed by the artificial heart lung machine – this heart lung machine operation in various diseases falls in the purview of the Cardiac Perfusionist who is skillful in providing and substituting the functions of the heart and lung during the operating period by employing the heart lung machine.

SCOPE

This specialty is getting very popular because of the increased prevalence of diseases requiring cardiac surgical operations with the employment of heart lung machine. Its specific training is geared for most of its action and performance within the cardiac surgical theatres and cardiac surgical postoperative intensive care units. After a few years of training subsequent to graduation within the country, the prospects for important jobs with in this field in the Gulf countries and abroad are very bright.

1st Year

Theoretical

- Basic Anatomy
- Basic Physiology
- Basic Biochemistry
- General Pathology
- Behavioral Sc.
- Islamiat &Pak St.
- Computer Education

Practical

Hand- on training in basic cardiac perfusion techniques

3rd Year

Theoretical

- Cardiopulmonary
 Diseases & Surgical
 Treatments
- Cardiovascular Pharmacology & Physics
- Perfusion Tech. I

Practical

Hand- on rotational training in cardiac perfusion techniques

2nd Year

Theoretical

- Cardiovascular Anatomy & Physiology
- Cardiovascular
 Microbiology &
 Hematology

Practical

Hand- on training in cardiac perfusion techniques

4th Year Theoretical component

- · Perfusion Tech. II
- Medical Statistics & Research Methodology

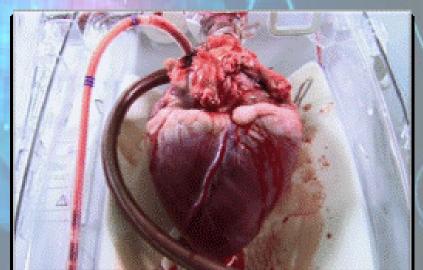
Practical

- Advanced training related to cardiac perfusion techniques
- Research Report
 writing related to the
 subject of interest of
 the student









OPERATION THEATRE TECHNOLOGY

DESCRIPTION

The discipline comprises four years training in surgical wards of virtually all type of surgical specialties. Basically the idea originated in the Western countries due to escalating economic costs of surgical procedures as a result of high prices of technical manpower hours of the surgeon's first and second assistants who initially used to be doctors and medical graduates. The four year instruction and training equipped these surgical assistants with the necessary knowhow to act as first and second assistants to the surgeon.

SCOPE

This is a new surgical tier which is soon expected to be in vogue in our country in emulation of the west. Currently, most of these graduates after obtaining experience in various surgical specialties for a couple of years after graduation would find lucrative salaries in the Gulf counties. They can also enter teaching line and pursue M.Phil in surgical specialties in various countries; establishment of such further education is also in the pipeline in our own country.

1st Year

Theoretical

- Basic Anatomy
- Basic Physiology
- Basic Biochemistry
- General Pathology
- Behavioral Sc.
- Islamiat &Pak St.
- Computer Education

Practical

Hand on training in Basic Operation Theatre techniques

2nd Year

Theoretical Physics

Microbiology and Pharmacology

Practical

Hand- on training in Operation Theatre techniques.

3rd Year

Theoretical

- Sterilization and Disinfection
- O.T Instruments & Equipment
- O.T Technology I

Practical

Hand- on rotational training in Operation Theatre techniques in above mentioned disciplines.

4th Year *Theoretical*

- Operation Theatre Technology II
- Medical Statistics & Research Methods

Practical

- Advanced training in O.T techniques
- Rotation of students in Dept. of Medicine and Surgery
- Research Report.











RESPIRATORY THERAPY

DESCRIPTION

This is a course of four years theoretical instruction and practical training in managing pulmonary diseases by means of drugs, physical maneuvers, inhalation of mist and gaseous drugs. Pollution and smoking being rampant in our country coupled with poor housing and cramped conditions in winter – the scenario make our population very vulnerable to pulmonary diseases. The doctors serve to diagnose and prescribe medicines and breathing exercises and nebulizers and postural drainage of lungs. All these modalities of treatment require painstaking effort and time which the Respiratory Therapy has special training to cater for. The modern Intensive Care Units have patients requiring ventilators invasively & non invasively. These ventilators give artificial respiration to the patient. The management of such patients respiratory status is the specialized domain of the Respiratory Therapist who works in coordination with the medical doctors.

SCOPE

After graduation and a few years practical training in good Intensive Care Units these personnel find lucrative salaries abroad and specially in the Gulf counties.

1st Year Theoretical

Dacia Amatama

- Basic Physiolog
- Basic Biochemistry
- General Pathology
- Behavioral Sc.
- Islamiat &Pak St.
- Computer Education

Practical

Hand on training in basic respiratory therapy techniques

2nd Year

Theoretical

- Cardiorespiratory Anatomy & Physiology
- Cardiorespiratory Microbiology and Pharmacology
- Respiratory Care Techniques

Practical

Hand on training in respiratory therapy techniques

3rd Year

Theoretical

- Cardiorespiratory
 Diseases
- General Respiratory Care
- Pediatrics Respiratory Care

Practical

Hand on rotational training in R.T techniques in above mentioned disciplines.

4th Year Theoretical

- Special Respiratory
 Care
- Medical Statistics & Research Methods

Practical

Advanced training in departments of Pulmonology Students rotation in Medicine & Surgery Dept. Research Report





EMERGENCY & INTENSIVE CARE TECH.

DESCRIPTION

The emergency & intensive care technology ultimately equips the students to handle medical & emergency patients of a wide array. The management of most serious patients who require a ventilator support due to transient disease states impairing the function of respiration also forms an important part of their training and instruction.

SCOPE

Their training in managing medical and surgical emergencies makes their scope very broad in hospitals as all hospitals need such personnel to run their emergency departments.

They can be employed to work in any natural disaster situation like earthquakes, cyclones, management of war casualties and displaced persons rehabilitation and management come within their scope. They can become important members of disaster management and build active teams perpetually in a state of preparedness to meet any disaster like earthquakes, floods, cyclones etc.

1st Year Theoretical

Basic Anatomy
Basic Physiology
Basic Biochemistry
General Pathology
Behavioral Sc.
Islamiat &Pak St.
Computer Education

Practical

and on training in basic Emergency & Intensive Care technique

3rd Year Theoretical

- Trauma Emergency
 & Intensive Care
- Medical & Surgical Emergencies And Intensive Care

Practical

Hand on rotational training in Emergency & Intensive Care techniques in above mentioned disciplines.

2nd Year Theoretical

Basic Pharmacology & Microbiology

Physics & Disaster
 Management

Practical

Hand on training in Emergency and Intensive Care techniques

4th Year Theoretical

- Pediatric E&ICU
- Obstetrical E&ICU
- Medical Statistics & Research Methodolo

Practical

Advanced training related to Emergency and Intensive Care in above mentioned disciplines. Research Report writing related to the subject of interest of the student





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SHAHIDA

Cardiac Perfusion

1ST Position

First Professional Annual Examination 2016

3rd Position

Third Professional Annual Examination 2017



FATIMA NOREEN

Emergency & Intensive Care

1st Position

First Professional Annual Examination 2

First Professional Annual Examination 2017
Second Professional Annual Examination 2018
Third Professional Annual Examination 2019



AYESHA FAROOQ

1ST Position

Respiratory Therapy

First Professional Annual Examination 2017

Second Professional Annual Examination 2018



NIAMAT ALI
Operation Theater

1st Position

Second Professional Annual Examination 2018

2nd Position

First Professional Annual Examination 2017 Third Professional Annual Examination 2019



HASSAN ALI MUJHTABA

Medical Laboratory Technology

2ND Position

Second Professional Annual Examination 2016 First Professional Annual Examination 2017



MUHAMMAD ADEEL SARWAR

Operation Theater

3rd Position

St Professional Annual Examination 201



SAQIB HUSSAIN

Operation Theater

1ST Position



NUMAIRA ARSHAD
Emergency & Intensive Care

1ST Position



SADAF NOREEN

Emergency & Intensive Care

3RD Position

First Professional Annual Examination 2019

First Professional Annual Examination 2019 First Professional Annual Examination 2019 First Professional Annual Examination 2019



SAMIA NAWAZ

Emergency & Intensive Care

2ND Position

First Professional Annual Examination 2019



ZAHRA KHANUM

Respiratory Therapy

1ST Position

First Professional Annual Examination 2019



KOMAL MEHBOOB

Respiratory Therapy

2ND Position

First Professional Annual Examination 2019



Respiratory Therapy 2ND Position

AREEJ MALIK

First Professional Annual Examination 2017 First Professional Annual Examination 2017



MUHAMMAD SUFIAN ATIQ Cardiac Perfusion 1st Position



RUHAMAH YOUSAF Respiratory Therapy 1ST Position Final Professional Annual Examination 2017



NABEEL ASLAM Respiratory Therapy 2nd Position Second Professional Annual Examination 2018



ASRA KHAN Cardiac Perfusion 1st Position First Professional Annual Examination 2019



RAMSHA SOHAIL Cardiac Perfusion 2ND Position First Professional Annual Examination 2019



AMBREN AMEEN Respiratory Therapy 3RD Position



ZARTASHA YAQOOB Respiratory Therapy 1ST Position



BILAL HUSSAIN Cardiac Perfusion 3RD Position

First Professional Annual Examination 2019 Third Professional Annual Examination 2019 First Professional Annual Examination 2020



SYEDA SAMEEN FATIMA E & ICU 1st Position First Professional Annual Examination 2020

FACULTY OF LIFE, SOCIAL, PHYSICAL & NUTRITIONAL SCIENCES



Dr. Roquyya GulDirector
PhD (Biological Sciences)



Dr. Umair Hanif Associate Professor PhD (Molecular Biology)



Dr. Syed Shoaib Ahmed Assistant Professor PhDI (Molecular Biology)



Mr. Sohail Akbar Sial Lecturer M.Phil (Molecular Biology)



Miss Sidra Khan Lecturer MS*l Biotechnology)



Mr. Kifayat Ullah Lecturer MS (Pathology & Genomics)



Dr. Sidra IlyasAssistant Professor
PhD (Microbiology)



Mr. Ali Hassam Assistant Professor M.Phil (Microbiology)



Mr. Abdullah Riaz Lecturer MS (Microbiology)



Miss Saira Khan Lecturer M.Phil (Microbiology)



Dr. Saadiya ZiaAssistant Professor
PhD (Biochemistry)



Mr. Bashir Ahmed Assistant Professor M.Phil (Biochemistry)



Mr. Junaid Hassan Assistant Professor M.Phil (Biochemistry)



Mr. Abdul Manan Lecturer M.Phil (Biochemistry)



Miss Asia Parveen Lecturer PhD* (Biochemistry)

FACULTY OF LIFE, SOCIAL, PHYSICAL & NUTRITIONAL SCIENCES



Dr. Muhammad NadeemAssistant Professor
PhD (Food Science & Technology)



Mr. Mateen Ahmed
Lecturer
PhD* (Food Science & Technology)



Ahmad Ali Lecturer PhD* (HND)



Fatima Syed Lecturer PhD* (HND)



Miss Yusra Rasheed Lecturer MPhil* (Food & Nutrition)



Dr. Nusrat Shaheen Assistant Professor PhD (Chemistry)



Ms. Saman Omar Assistant Professor PhD* (Chemistry)



Qamaer Javed Iqbal Lecturer M.Phil (Chemistry)



Dr. Sidra AbbasAssistant Professor
PhD (Zoology)



Ms. Sidra Munir Lecturer MPhil (Zoology)



Ms. Kainat Rana Lecturer M.Phil (Zoology)



Ms. Amama Faiz
Lecturer
MS (Clinical Psychology)



Ms. Rabia Javed Iqbal Lecturer MS* (Clinical Psychology)



Ms. Khadija Shahzad Lecturer MS (Clinical Psychology)



Ms. Tayyaba Asim Lecturer MS (Clinical Psychology)

FACULTY OF BASIC SUBJECTS



Mr. Nabeel Ur Rehman Lecturer MBA, MS, DBA* (USA) Management & Marketing



Mr. Farhan Akbar Lecturer Bsc, ACCA (UK)



Ms. Ayesha Rehman Lecturer M.Phil (Media & Communication)



Ms. Ayesha Rehman Lecturer M.Phil (Physics)



Miss Sadaf Inam Lecturer M.Phil (English)



Ms. Farwa Willayat Lecturer MS (Statistics)



Mr. Zeeshan Lecturer M.Phil (Statistics)



Mr. Zubair Ahmad Lecturer M.Phil (Mathematics), MBA, LLB*



Ms. Ayesha Ibrahim Lecturer MA (Islamiat)



Ms. Nosheen Aslam Lecturer MA (English)



Mr. Israr Ahmad
Lecturer
MS (Information Technology)



Mr. Hasnan Ahmed Lecturer M.Phil* (Computer Science)



Mr. Junaid Altaf Lecturer M.Phil* (Computer Science)



INSTITUTE OF HUMAN NUTRITION & DIETETICS

DESCRIPTION

The Institute of Human Nutrition & Dietetics was established in 2016 under Gulab Devi Educational Complex, Lahore with an aim to develop professionals with sound skills in screening and planning dietary interventions in diverse population suffering from communicable and non-communicable diseases in global as well as local scenario. The institute focuses to improve human health by training future leaders in the fields of Dietetics and Nutritional Sciences. The institute offers BS (4 years) program to produce high caliber graduates and researchers.

OPPORTUNITY

Research and Teaching Institutes

Health Departments in Pakistan, Middle East, Europe etc.

International Organizations (UNICEF, UNDP, WHO, FAO, World Bank)

School Health & Nutrition Programs

Community Development Programs

Motivational speaker

Multinational Companies

Independent Private Practice as registered dietitian

Food & Pharmaceutical Industry

Consultant for Private Companies, Hospitals and Health Care

Centers

Airlines, Railway Services and Catering Services

1st Semester

Course Title	Credit Hours
Fundamentals of Human Nutrition	3(3 -0)
Introduction to Food Science & Technology	3(2 -1)
Introduction to Computing Applications	3(2 -1)
Pakistan Studies	2(2 -0)
Functional English	3(3 -0)
Introductory Biochemistry	4(3 -1)
	18

2nd Semester

Course Title	Credit Hours
Macronutrients in Human Nutrition	3(3-0)
Contemporary Nutrition	3(3-0)
Applied Physiology	3(2-1)
General Pathology	4(3-1)
English Comprehension and Composition	3(3-0)
Islamic Studies/	2(2-0)
Ethics (for Non -Muslims only)	
	18

3rd Semester

Course Title	Credit Hours
Micronutrients in Human Nutrition	3(3-0)
Nutritional Biochemistry	3(3-0)
Food Safety and Toxicology	3(3-0)
Food Microbiology	3(2-1)
Communication Skills	3(3-0)
Algebra and Trignometry	3(3-0)
	18

4th Semester

Course Title	Credit Hours
Nutrition Through the Life Cycle	3(3 -0)
Meal Planning and Management	3(2 -1)
Assessment of Nutritional Status	3(2 -1)
Analytical Tools in Nutrition and Dietetics	3(2 -1)
Sports Nutrition	3(2 -1)
Introduction to Statistical Theory -I	3(3 -0)
	40
	18

5th Semester

Course Title	Credit Hours
Dietetics -I	3(2-1)
Nutrition and Psychology	3(3-0)
Nutritional Education and Awareness	3(2-1)
Functional Foods and Nutraceuticals	3(3-0)
Public Health Nutrition	3(3-0)
Food Processing & Preservation	3(2-1)
	18

6th Semester

o Semester	
Course Title	Credit Hours
Dietetics-II	3(2-1)
Nutrition Through Social Protection	3(3-0)
Drug-Nutrient Interactions	3(3-0)
Diet Modeling and Counseling	3(2-1)
Preventive Nutrition	3(3-0)
Food and Drug Laws	3(3-0)
	18

7th Semester

Course Title	Credit Hours
Dietetics -III	3(2-1)
Global Food Issues	3(3-0)
Nutrition Epidemiology	3(3-0)
Research Methods in Nutrition	3(3-0)
Nutritional Practices in Clinical Care	3(2-1)
Nutrition in Emergencies	3(3-0)
	18

48

8th Semester

Course Title	Credit Hours
Internship and Report Writing	6(0 -6)
	12





CLINICAL NUTRITION INTERNSHIP PROGRAM (CNIP)

Under the Umbrella of Gulab Devi Educational Complex (GDEC), Clinical Nutrition Internship Program (CNIP) is offered to the final year undergraduates of Institute of Human Nutrition and Dietetics.

The CNIP is designed to foster the interest in the role of nutrition in the practice of medicine, research, health promotion and disease prevention. During the CNIP, students are alternatively (groups of 2-3 interns) rotated in 6 clinical nutrition placements including Surgical unit I/II, Cardiology/ CCU, Pediatrics, Pulmonology/ Tuberculosis, Gynecology, and General medicine unit I/II for a period of 4 weeks in each placement.

The responsibility of all the internees is to conduct nutrition care process starting from nutrition assessment, diagnosis, and intervention as well as monitoring and evaluation of real time nutrition related cases under the supervision of trained professionals. Moreover, they are responsible for formulating patient-oriented education material/broachers and handouts on various nutrition related disorders.

Conclusively, CNIP is a valuable opportunity for undergraduates to apply their professional skills in multiple clinical settings and to work with various disease individually or in combination with use of critical thinking.



INSTITUTE OF MICROBIOLOGY

DESCRIPTION

The Institute of Microbiology under Gulab Devi Educational Complex, Lahore was established in 2016. The Institute is serving fundamental aspects of basic biology with a wide range of topics including bacteriology, mycology, parasitology, microbial physiology, molecular biology, microbial genetics, microbial ecology, pathology, immunology, virology, and cell biology.

OBJECTIVES

Training of fundamentally important pathogenic organisms in order to understand the physiological, biochemical and genetic aspects of microbes.

Undergraduate students to acquire good knowledge of Microbiology techniques and to understand environmental contamination.

OPPORTUNITY

Academia by teaching at college and University level. Laboratories of research organizations and hospitals

Agricultural microbiologist

Food microbiologist

Water and dairy industry, as nanotechnologist and chemical technologist.

Pharmaceutical and biotechnology companies

May serve as a Mycologists and Industrial microbiologists

May serve in environmental sector to safeguard public health and pollution control program.

1st Semester

Course Title	Credit Hours
IntroductoryMicrobiology	3(2-1)
MicrobialTaxonomy	3(3-0)
IntroductoryBiochemistry	4(3-1)
Diversityof Plants	4(3-1)
IslamicStudies	2(2-0)
Ethics(For Non-Muslimonly)	2(2-0)
PakistanStudies	2(2-0)
FunctionalEnglish	3(3-0)
TotalCredit	21

2nd Semester

Course Title	Credit Hours
CellBiology	3(3-0)
MicrobialAnatomyand	3(2-1)
Physiology	
HumanPhysiology	3(2-1)
Principlesin Animal Lifel	4(3-1)
EnglishComprehension and	3(3-0)
Composition	47
Algebraand Trigonometry	3(3-0)
TotalCredit	19

3rd Semester

Course Title	Credit Hours
Basic Pathology	3(2-1)
Bacteriology	3(2-1)
Mycology	3(2-1)
Biosafety and Risk Management	3(2-1)
Technical Writing	3(3-0)
Introduction to Computing Applications	3(2-1)
Total Credit	18

4th Semester

Course Title	Credit Hours
General Virology	3(2-1)
Immunology	3(2-1)
Parasitology	3(2-1)
Epidemiology, ublicHealth	3(3-0)
andBioethics	
Laboratory\nimalsand Model	2(0-2)
Organisms	
Biostatistics	3(3-0)
TotalCredit	17

5th Semester

Course Title	Credit Hours
Systemic Virology	3(2-1)
Cell and Tissue Culture	3(2-1)
MicrobialGenetics	3(3-0)
Molecular Biology and	3(2-1)
Biotechnology	
Food Microbiology	3(2-1)
InfectiousWaste Management	3(2-1)
Total Credit	18

6th Semester

Course Title	Credit Hours
Vaccinology	3(2-1)
Environmental Microbiology	3(2-1)
Medical Microbiology	3(2-1)
Veterinary Microbiology	3(2-1)
Microbial Enzymology	3(3-0)
Introduction to	3(2-1)
Bioinformatics	
Total Credit	18

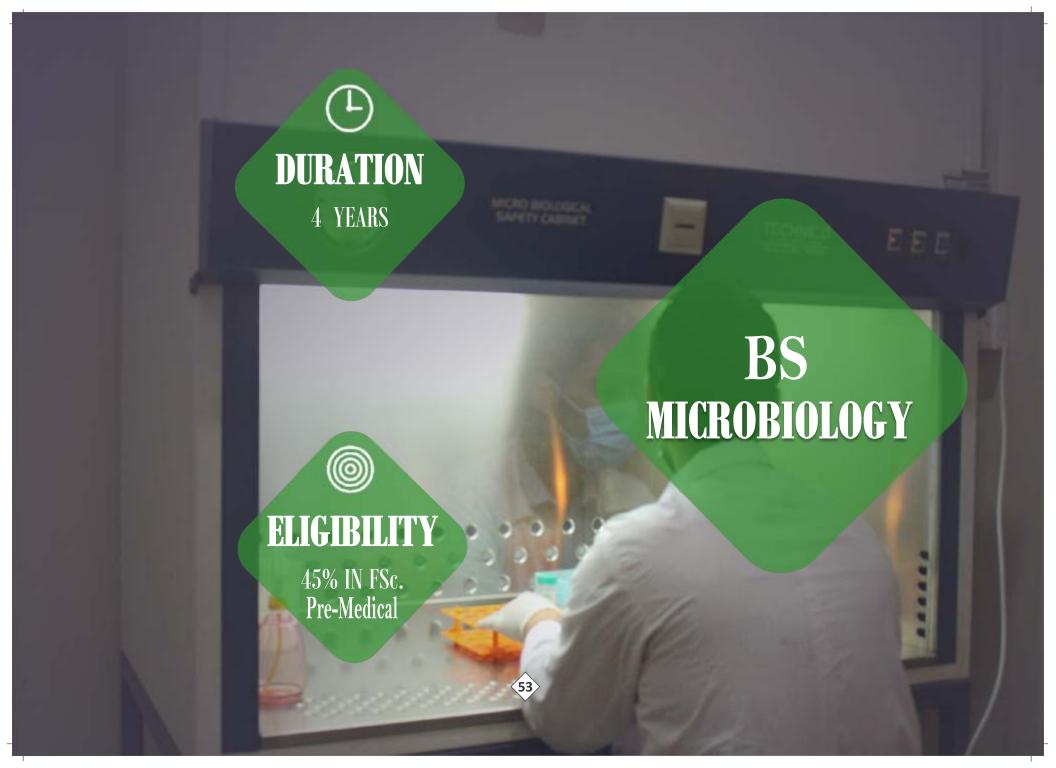
7th Semester

Course Title	Credit Hours
Diagnostic Microbiology	3(2-1)
Soil and Agricultural Microbiology	3(2-1)
Marine and Fresh Water	3(2-1)
Microbiology	
Pharmaceutical and Industrial	4(3-1)
Microbiology	
Genetic Engineering	3(2-1)
Research Methodology	2(2-0)
Total Credit	18

8th Semester

Course Title	Credit Hours
Project / Internship Total Credit	6(0-6)





INTERNSHIP PROGRAM OF BS MICROBIOLOGY STUDENTS

The Institute of Microbiology under the umbrella of Gulab Devi Educational Complex (GDEC) offers state-of-the-art research facilities and equipment in collaboration with Al-Aleem Medical College (AAMC) to study clinical Microbiology for infection and disease diagnosis. The institute has a center to treat chest diseases to improve health sector to prevent and stop Tuberculosis (TB) and is regarded as Reference center for TB. The center is well established and affiliated of World Health Organization (WHO). It provides an excellent learning environment that excites and build up students both professionally and intellectually for high standard scientific literacy.

The students of final semesters are being offered three month's internships at various renowned Institutes of the Country in the various subfields of microbiology e.g., medical, food, pharmaceutical and industrial microbiology etc, where they learn various hands on techniques and concepts which will definitely help them in their future ahead. Under the current pandemic situation of COVID-19, our students are also being trained in COVID lab of the Gulab Devi Teaching Hospital, Lahore.

Internship training at different Institutes

Gulab Devi Teaching Hospital (TB lab, COVID lab)
Sheikh Zayed Hospital Lahore
General Hospital Lahore
Islamabad Diagnostic Center, Evercare Hospital, Lahore
Pakistan Council of Scientific & Industrial Research, Lahore
Medisave Pharmaceutical Lahore
Wilshire Pharmaceutical Township Lahore
Shrooq Pharmaceutical Lahore
Dr Masood Homeopathic Pharmacy Township Lahore







INST. OF BIOTECHNOLOGY

DESCRIPTION

Biotechnology refers to the applications of engineering and biological principles for the processing of different materials of living organisms. It is an over-exceeding field involving decoding human genome, its implications in understanding genetic diseases, family genetics, history and life itself. On account of field's applications, Gulab Devi Educational Complex, Lahore established the Institute of Biotechnology in 2016 and is offering 4 years BS degree program in Biotechnology. The institute intends to ensure quality education and research in different fields of Biotechnology by capable and proficient faculty members.

OBJECTIVES

To develop the skilled manpower, scientists and researchers that may serve at National/International Universities, Research organizations and in Molecular diagnostics labs.

To impart knowledge in multidisciplinary subjects (Molecular biology, Genetics, Bioinformatics, Biochemistry, Microbiology, and Immunology).

To educate different methods of exploration, investigation, organization of data and its utilization in practical life.

OPPORTUNITY

Teaching and research organizations (NIBGE, NIAB, PCSIR laboratories)

Agriculture research centers (PARC, NARC)

Molecular Biology research organizations

Biomedical Sciences & Forensic science organizations

Environment related agencies, Pest control & plant protection Institutes

Wildlife conservation & Management organizations

Pharmaceutical Industry

Textile Industry

1st Semester

Course Title	Credit Hours
CellBiology	3(2-1)
Fundamentals of Genetics	4(3-1)
General Chemistry	3(3-0)
Introduction to Computing	3(2-1)
Applications	
Functional English	3(3-0)
Algebra and Trigonometry	3(3-0)

3rd Semester

Course Title	Credit Hours
Introductory Microbiology	3(2-1)
Molecular Genetics	4(3-1)
Introduction to Biotechnology	3(2-1)
Essentials of Immunology	3(3-0)
Advanced Biochemistry	3(2-1)
Pakistan Studies	2(2-0)
Total Credit	18

5th Semester

Course Title	Credit Hours
Essentials of Biological Data Analysis	4(3-1)
Recombinant DNA Technology	4(3-1)
General Virology	3(3-0)
Techniques in Biotechnology	3(2-1)
Health Biotechnology	3(3-0)
Forensic Serology and DNA Typing	3(3-0)
Total Credit	20

7th Semester

Course Title	Credit Hours
CellSignaling	3(3-0)
IndustrialBiotechnology	4(3-1)
Foodand BioprocessTechnology	3(2-1)
LiteratureSurveyand Research	2(2-0)
ProjectManagement	
EnvironmentaBiotechnology	3(3-0)
MolecularPathology	3(3-0)
TotalCredit	18

2nd Semester

Course Title	Credit Hours
Molecular Biology	4(3-1)
Biophysics	3(3-0)
Biodiversity and Systematics	3(3-0)
Elementary Biochemistry	3(2-1)
English Comprehensive and Composition	3(3-0)
Islamic Studies	2(2-0)
Ethics (For Non-Muslim Only)	2(2-0)

4th Semester

Course Title	Credit Hours
Introduction to Biological Data	4(3-1)
Retrieval	
Molecular Evolution	3(3-0)
Biostatistics	4(3-1)
Biosafety	2(2-0)
Celland TissueCulture	3(2-1)
Microbial Biotechnology	3(2-1)
Total Credit	19

6th Semester

Course Title	Credit Hour
Proteomics	3(21)
Genomics	3(30)
Nanobiotechnology	3(30)
A griculture Biotechnology	3(21)
Social,Ethicaland Legal	3(30)
Aspects of Biotechnology	
Animal Biotechnology	3(30)
Total Credit	18

8th Semester

Course Title	Credit Hours
Research Methodologies in Biotechnology	
RecentTrends in Biotechnology	3(3-0)
OR	
Project/Internship	6(0-6)
Total Credit	





RESEARCH FACILITIES AT THE INSTITUTE OF BIOTECHNOLOGY

The Institute of Biotechnology is linked with the state of the art Al-Aleem Center for Advance Studies and Research, where our undergraduate research students have the facility to work on different projects of Biotechnology and Molecular Biology like; genetic engineering, DNA recombinant technology, protein engineering, bioinformatics, genomic data analysis, healthcare research and modern clinical diagnostic etc.

Projects under taken

Recombinant Production of Nucleocapsid Protein SARS-CoV-2 in Escherichia coli

Cloning and Expression of SARS-CoV-2 Receptor Binding Domain of spike protein using prokaryotic expression system

Effect of D543N (G>A) polymorphism in SLC11A1 gene pulmonary tuberculosis

Solubilization and refolding of streptokinase C from Streptococcus pyogenes produced in Escherichia coli

Association of SP110b rs9061(G>A) polymorphism with tuberculosis

Optimization of expression and protease activity of Ubiquitin-like-specific protease 1 from Saccharomyces cerevisiae in Escherichia coli







INSTITUTE OF BIOCHEMISTRY

DESCRIPTION

Institute of Biochemistry was established in 2016 at Gulab Devi Educational complex, Lahore and is offering 4-years BS degree program in Biochemistry. The institute has highly qualified faculty, a beautifully constructed building, library facilities, and a well-equipped laboratory that makes the institute a state of art. The academic programs of the institute are designed to meet the needs of well-trained manpower to serve the sectors of health, agriculture, industry and education in the country.

OBJECTIVES

To prepare students for future careers in various fields in which a core understanding of the Biochemistry of biological processes is important.

To enhance the understanding of human health by focusing on the scientific disciplines (human Biochemistry, medical Biochemistry and Biotechnology)

The program will benefit the society on the whole by adding the highly skilled scientific workforce, particularly in the biomedical research sectors, in academia, industry as well as for research laboratories across the country and the globe.

OPPORTUNITY

Educational & Research institutes
Hospitals & Laboratories
Food production companies
Biochemical Industry
Pharmaceutical Industry
Cosmetic Industry
Livestock Industry
Agriculture firms
Fisheries

1st Semester

Course Title	C.Hrs
Introductory Biochemistry	4(3-1)
Islamic studies	2(2-0)
Functional English	3(3-0)
Algebra & Trigonometry	3(3-0)
Fundamentals of Inorgani	3(2-1)
Chemistry	
Introduction to sociology	3(3-0)
Total	18

2nd Semester

Course Title	C.Hrs
Biostatistics	3(3-0)
Biophysics	3(3-0)
English Comprehension and	3(3-0)
Composition	
Pakistan Studies	2(2-0)
Biochemistry of	4(3-1)
Carbohydrates	
Introduction to Psychology	3(3-0)
Total	18

3rd Semester

Course Title	C.Hrs
Cell Biology	3(2-1)
Genetics	3(3-0)
Communication Skills	3(3-0)
Introduction to	3(3-0)
computation Skills	
Fundamentals of Organic	3(2-1)
Chemistry	
Cell Biology	3(2-1)
	15

4th Semester

Course Title	C.Hrs
Fundamentals of Physical	3(2-1)
Chemistry	
Molecular Biology	4(3-1)
Human Physiology	3(3-0)
Biochemistry of Lipids	4(3-1)
Introductory Microbiology	3(2-1)
Total	17

5th Semester

Course Title	C.Hrs
Amino acids & Proteins	4(3-1)
Enzymology	3(2-1)
Biosafety & Ethics	2(2-0)
Biochemical Techniques	3(1-2)
Plant Biochemistry	3(3-0)
Total	15

6th Semester

Course Title	C.Hrs
Industrial Biochemistry	3(2-1
Bioenergetics	2(2-0)
Nutritional Biochemistry	3(2-1)
Proteomics	3(2-1)
Biological membranes and cell signaling	3(3-0)
Biochemistry of Nucleic	3(3-0)
Acids	
Total	17

7th Semester

CourseTitle C.	Hrs
Biological Metabolism	4(4 -0)
Bioinformatics	3(2 -1)
Genomics	3(3 -0)
Fermentation	3(3 -0)
Biotechnology	
EnglishforEmployment	3(3 -0)
Total	16

8th Semester

Course Title	C.Hrs
Research Planning and	3(3-0)
report writing	
Immunochemistry	3(2-1)
Introduction to	3(3-0)
Biotechnology	
Seminar	1(0-1)
Antimicrobials and	3(3-0)
Chemotherapy	
Research Project	3(0-3)
Total	16



TRAINING OF BS BIOCHEMISTRY STUDENTS

The Institute of Biochemistry, under the umbrella of Gulab Devi Educational Complex (GDEC), Lahore is linked with Gulab Devi Teaching Hospital, Biochemistry Department of Al-Aleem Medical College, and state of the art Al-Aleem Center for Advance Studies & Research. The Institute of Biochemistry operates at the interface between medicine, biology and chemistry and seeks to integrate techniques from biological and chemical sciences to provide insight into the molecular basis of biological processes.

In the final semester of BS-Biochemistry program, the students are given opportunity to strengthen their practical knowledge and acquire research skills, either by writing a review paper or conducting a scientific research. At the Institute of Biochemistry, we have a state-of-art research laboratory equipped with the latest and advance technologies that provides the final semester students the opportunity to perform research in basic and clinical sciences. Through research, students acquire expertise in various biochemical and molecular biology techniques. At GDEC, we strive to broaden the research horizon of the students and work for some breakthrough research.

Projects under taken

Differential Expression of Non-Shelterin Genes Associated with High Telomerase Levels and Telomere Shortening in Plasma Cell Disorders Association with Leptin Gene c.-2548 G>A Polymorphism, Serum Leptin Levels, and Body Mass Index in Turkish Obese Patients
C-reactive protein and clinical outcomes in patients with COVID-19
Decreased lipoprotein (a) and serum high-sensitivity C-reactive protein levels in male patients with atherosclerosis after supplementation with ginger Relation of fibroblast growth factor receptor 2 expression to hepatocellular carcinoma recurrence after liver resection

Role of diagnostic biomarkers in chronic obstructive pulmonary disease Post-Transcriptional Genetic Silencing of BCL11A to Treat Sickle Cell Disease Pathogen's mechanism of viral entry and replication into host cell Sever Acute Respiratory Syndrome Coronavirus 2: An emerging area Chronic Obstructive Pulmonary Disease and its association with Osteoporosis







INSTITUTE OF ZOOLOGY

DESCRIPTION

Institute of Zoology, established in 2018, is one of the most active institutes at Gulab Devi Educational Complex, Lahore, Pakistan. It has committed to teach modern biological sciences involving study of animals and their genetic, morphological and physiological attributes, environmental protection and conservation of animals, as well as to carry out quality research. Presently, the institute is offering BS Zoology (4 years) degree program and is providing students with a wide choice of subjects through structured themes.

OBJECTIVES

To educate students regarding major disciplines of Zoology that will enable them to understand principles of organizations and interrelationships in the biological systems with particular reference to diversity of animals.

To train students for advanced studies and specializations in recently emerging technological and multidisciplinary areas such as genetic engineering, biotechnology, molecular biology, biodiversity, fisheries, aquaculture, wildlife, pests and pest management and environmental science etc.

OPPORTUNITY

Teaching and research organizations
Biological control program/Integrated pest management
Poultry industry

Fisheries & Aquaculture

Apiculture

Sericulture

Livestock rearing & Forestry

Pharmaceutical industry

Administrative services (Zoo curators, museum curators, animal and wildlife educators, wildlife rehabilitators and conservationists)

1st Semester

Course Title	Credits
Gamer	3(3+0)
Introduction to Mathematics	3(3+0)
Diversity of Plants	4(3+1)
Physical Chemistry	4(3+1)
Animal Diversity -I (Invertebrates)	4(3+1)
Total Credits	18

2nd Semester

7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
CourseTitle	Credits
Languag€omprehensio‰Presentatio	3(3+0)
Skills	V///
IslamicStudies	2(2+0)
PlantSystematicsAnatom und	4(3+1)
Development/Embryology	
Inorgani Chemistry	4(3+1)
AnimaDiversityI(Chordates)	4(3+1)
TotalCredits	17

3rd Semester

Course Title	Credits
Academic Writing	3(3+0)
Introduction to Information & Communication Technologies	3(2+1)
Cell Biology, Genetics and Evolution	4(3+1)
Organic Chemistry	4(3+1)
Animal Form & Function -1	4(3+1)
Total Credits	18

4th Semester

Course Title	Credits
Introduction to English Literature	3(3+0)
Animal Form & Function-II	4(3+1)
General Sociology -I	3(3+0)
Biological Techniques	3(1+2)
Psychology/Geography/Etc. (Introduction to Psychology Minor)	3(3+0)
Pakistan Studies	2(2+0)
Total Credits	18

5th Semester

Course Title	Credits
Research Methodology	2(2+0)
Economic Zoology	3(2+1)
Biochemistry	4(3+1)
Cell and Molecular Biology	4(3+1)
Evolution & Principles of Systematics	4(3+1)
Total Credits	17

6th Semester

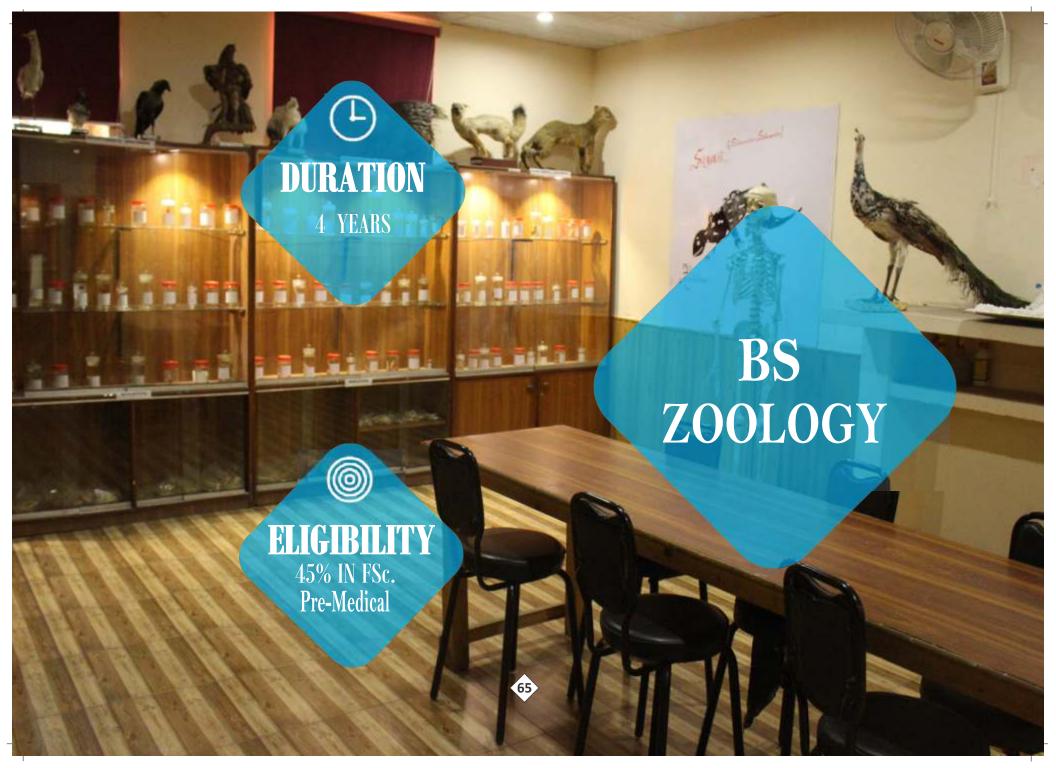
CourseTitle	Credits
Physiology	4(3+1)
Ecology	3(2+1)
DevelopmentaBiology	4(3+1)
Genetics	4(3+1)
Wildlife	3(2+1)
TotalCredits	18

7th Semester

CourseTitle	Credits
Special PaperA1/Thesis(Univ.Option)	3(2+1)/(0+3)
Biostatistics/Univ. Option	3(2+1)
SpecialPaperA2/ Univ.Option=Ichthyology	3(2+1)
Univ.Option/Principles & KineticsOf Toxicology	3(2+1)
Bioinformatics	3(1+2)
TotalCredits	15

8th Semester

ourse Title	Credits
nimal Behavior	3(3+0)
pecial Paper B1/ Thesis (Univ. Option)	3(2+1)/(0+3)
pecial Paper B2/ iniv. Option=Biotechnology	3(2+1)
niv. Option	3(2+1)
oogeography & Paleantology	3(2+1)
otal Credits	15













INSTITUTE OF PSYCHOLOGY

DESCRIPTION

Gulab Devi Educational Complex, Lahore with its tradition of serving the society with the best of services established the Institute of Psychology in 2018 and is offering BS (4 years) Psychology program. The program is designed to provide an overview on many areas of the field, with an emphasis on the scientific nature of psychology focusing on the clinical skills due to the availability of an active psychiatry Department working under the Gulab Devi Teaching Hospital, Lahore. The institute provides the students hands-on experience and expertise in clinical psychology which is vital for the students to excel in the field.

OPPORTUNITY

Teachers and Researchers
Rehabilitation Specialists
Career Counsellor
Case Manager (treatment and recovery planner)
Child Care Workers
Human Resource Manager
Laboratory Assistant
Drama Therapist
Mental health careers (Medical Record Keeper, Counsellor Assistant)

1st Semester

Course Title	Credits
Grammar	3(3+0)
Introduction to Psychology	4(4+0)
Pakistan Studies	3(3+0)
Mathematics	3(3+0)
Introduction to Information	
and Communication	
Technologies	
Total Credits	16

2nd Semester

Course Title	Credits
Language Comprehension	3(3+0)
Presentation Skills	
History and Systems of Psychology	4(4+0)
Islamic Studies	3(3+0)
Introduction to Statistics	3(3+0)
Everyday Science	3(3+0)
Citizenship Education &	
Community Engagement	3(1+2)
Total Credits	19
	-

3rd Semester

Course Title	Credits
Academic Writing	3(3+0)
Sports Psychology	3(3+0)
Experimental Psychology	3(3+0)
Introduction to Biology-I 3	(3+0)
Introduction to Management	3(3+0)
Total Credits	15

4th Semester

Course Title	Credits
Introduction to English Literature	3(3+0)
Social Psychology	3(3+0)
Educational Psychology	3(3+0)
Introduction to Biology-II	3(3+0)
Introduction to English Literature	3(3+0)
Introduction to Human Rights	3(3+0)
Total Credits	18

5th Semester

Course Title	Credits
Introduction to Research	3(3+0)
Methodology	
Cross-Cultural Psychology	3(3+0)
Computer Application in Psychology	3(3+0)
Principals of Psychological Assessment	3(3+0)
Fundamental Statistics in Psychology	3(3+0)
Historical Perspectives in	
Abnormal Psychology	3(3+0)
Total Credits	18

6th Semester

Course Title	Credits
Advance Research Methodology	3(3+0)
Neurological Basis of Behavior	3(3+0)
Applications of Statistics in	3(3+0)
Psychology	
Applications of Psychological	3(3+0)
Assessment	
Personality Psychology	3(3+0)
Psychopathology	3(3+0)
Total Credits	18

7th Semester

CourseTitle	Credits
ClinicalPsychology	3(3+0)
NeurologicaDl ysfunctions	3(3+0)
HealthPsychology	3(3+0)
DevelopmentaPlsychology	3(3+0)
Gender Issueisn Psychology	3(3+0)
Project(withPSYC-6125b)	3(3+0)
(CompulsoryT) hesis(Research	
Proposali,ncluding proposed	
methodologyl,iteraturereview	
expectedresults,	
discussion& implications)	
Total Credits	18

8th Semester

Course Title	Credits
Counseling Psychology	3(3+0)
Cognitive Psychology	3(3+0)
Psychology of Advertising &	3(3+0)
Marketing Research	
Project (with PSYC -6125 a)	3(3+0)
(Compulsory) Thesis (Final	
draft submission & oral	
defense)	
Total Credits	12



INST. OF CHEMISTRY

DESCRIPTION

The Institute of Chemistry under the umbrella of GDEC was established in 2018 and comprises of a highly equipped teaching laboratory with the state of the art of equipment, chemicals and apparatus. The institute encourages students to think outside the box and excel in their field by allowing them to convert their scientific ideas into reality under strict supervision of highly capable staff members.

OBJECTIVES

To provide an environment for individuals to develop the skills. To become leaders in scientific research and education, capable of making original contributions to the advancement of chemistry and related disciplines.

OPPORTUNITY

Academic researcher
Analytical chemist & Water chemist
Chemical engineer & Nuclear engineer
Geochemist
Hazardous waste chemist
Materials scientist
Nanotechnologist
Pharmacologist
Toxicologist

1st Semester

Course Title	Credits
Physical Chemistry	4(3+1)
Diversity of Plants	4(3+1)
Animal Diversity -I (Invertebrates)	4(3+1)
Grammar	3(3+0)
Islamic Studies	2(2+0)
Total Credits	17

2nd Semester

2 Semester	
Course Title	Credits
Inorganic Chemistry	4(3+1)
Plant Systematic, Anatomy and Development/Embryology	4(3+1)
Animal Diversity-II (Chordates (Invertebrates)	4(3+1)
Language Comprehension& Presentation Skills	3(3+0)
Pakistan Studies	2(2+0)
Total Credits	17

3rd Semester

CourseTitle	Credits
Organic Chemistry	4(3+1)
Cell Biology, Genetics, and Evolutio	4(3+1)
Animal Form and Function-I	4(3+1)
Academic Writing	3(3+0)
Introduction to Information and Communication Technologies	3(3+0)
Total Credits	18

4th Semester

CourseTitle	Credits
Chemistry Special Topics	4(3+1)
Plant Physiology and Ecology	4(3+1)
Animal Form and Function-II	4(3+1)
Introduction to English Literature	3(3+0)
Introduction to Management	3(3+0)
Total Credits	18

5th Semester

Course Title	Credits
Basic Mathematics for Chemists	4(3+1)
Analytical Chemistry	4(3+1)
Inorganic Chemistry -I	4(3+1)
Organic Chemistry -I	4(3+1)
Physical Chemistry -I	4(3+1)
Total Credits	20

6th Semester

o semester	
Course Title	Credits
Basic Statistics for Chemists	4(3+1)
Biochemistry	4(3+1)
Inorganic Chemistry -II	4(3+1)
Organic Chemistry -II	4(3+1)
Physical Chemistry -II	4(3+1)
Total Credits	20

7th Semester

Course Title	Credits
Forensic Chemistry	2(2+0)
Industrial Chemistry	3(3+0)
Total Credits	

8th Semester

CourseTitle	Credits
Two Theory courses (compulsory) (-3) credits	
One theory course of specialization (Major)	
One theory course of specialization (Minor)	
Research	
Total Credits	16





INSTITUTE OF NURSING

DESCRIPTION

This program is started to bring about change in nursing profession in order to develop highest degree of professionalism technical skills and knowledge among nurses, who shall be capable of dealing with medical physical, psychological and socials needs of her clients, and will implement the preventive promotive curative and rehabilitative services. Aim of BSN program is to provide students with a quality education that provide them the opportunity to achieve career success and serve community with dignity and efficiency.

OBJECTIVES

- Make graduates eligible to take the registered nurse licensing examination.
- Acquire competencies based on professional standards to assume the role of the professional nurse and for career advancement.
- Apply the evidence based and culturally sensitive nursing care to promote health and adaptation of individuals, families, groups and communities

OPPORTUNITY

- Nursing Officer
- Nursing Instructor
- Clinical Instructor
- Research Nurse
- ♦ Ward Manager
- Public Health Nursing Officer
- Further education in M.Sc. and PHD in Nursing

Generic BSN (04 Years Degree Program) Nurse Midwifery (1 Year Program)

Post
Basic
Specialization
1: OT
2: CCU
3: ICU

(01 Year Program)

Certified
Nursing
Assistant
(CNA)
(02 Years
Diploma Program)



FACULTY OF NURSING



Mrs. Kausar Parveen Dean MSc-International Health DIP-RN.RM **BSc-Punjab University** P.B DIP-Ward Admin, Teaching, P.B DIP-Pediatrics Nursing P.B-Nursing Management



Mrs. Shagufta Naeem **Director Nursing General Nursing**



Mr. Tahir Saleem Principal MSc. Nursing MSc. Biostatistics BSc. Nursing **DIP-Oncology Nursing DIP-Radiation Therapy**



Ms. Farzana Begum Vice Principal/Assistant Director Admin M.Phil Public Health MSc. Nursing Education BSc. Nursing (POST RN) DIP-RN.RM P.B Specialization-Trauma & Emergency Nursing **DIP-Nursing Management DIP-Nursing Education** P.B-Hospital Infection Control



Mrs. Surriya Rasheed Senior Faculty BSc.N (POST RN) BSc. Punjab University Lady Health Visitor Dip-General Nursing P.B Dip-Ophthalmology **Dip-Nursing Management Dip-Nursing Education**



Ms. Aqsa Khalid Lecturer **BSc Generic** BSc. Nursing



Ms. Sharmeen Edwin Lecturer BSc. NURSING



Ms. Fagiha Lecturer/Assistant Director Academic Lecturer/Assistant Controller Examination BSc. Nursing B. A (Punjab University) M. A English (Punjab University) M. A English Literature (Sargodha University)



Mrs. Fakhar Un Nisa BSc. NURSING B.A, B.Ed.



Mrs. Nazia Murad Lecturer BScN (Post RN) Gen. Nursing Midwifery Specialize in Peads Nursing



Mrs. Roman Firdous **BS Nursing** Lecturer



Librarian B. Ed, BLIS, M.A Political Science, MLIS*



Mrs. Naeema Akber Lecturer BScN (Post RN) Master's in Public Health Gen. Nursing Midwifery



Mrs. Shehnaz Ashraf Lecturer BScN (Post RN) Gen. Nursing Midwifery Specialize in CCU



Mrs. Shazia Siddique Lecturer BScN (Post RN) Specialization in OT Gen. Nursing Midwifery









INSTITUTE OF PARAMEDICAL SCIENCES

DESCRIPTION

Paramedical staff has become an essential part of modern healthcare system. They assist the doctors in hospital, operation theatre, private clinics, and pathological labs. No hospital can be run without paramedical staff. There is a great demand of qualified paramedical staff all over the world. Aim of this courses is to equip students with the relevant professional knowledge, skills, and techniques to enable them to apply their acquired expertise for efficient health service delivery.

OPPORTUNITY

The job of Surgical Technician is maintenance of theater; preparation, sterilization and provision of OT instruments for surgical procedures. Radiography Technician is in charge of one or more X-Ray units and is responsible for its proper working and maintenance. Dispensers work in health-related environments performing a broad range of tasks.

DISCIPLINES

OTT (2 Years)

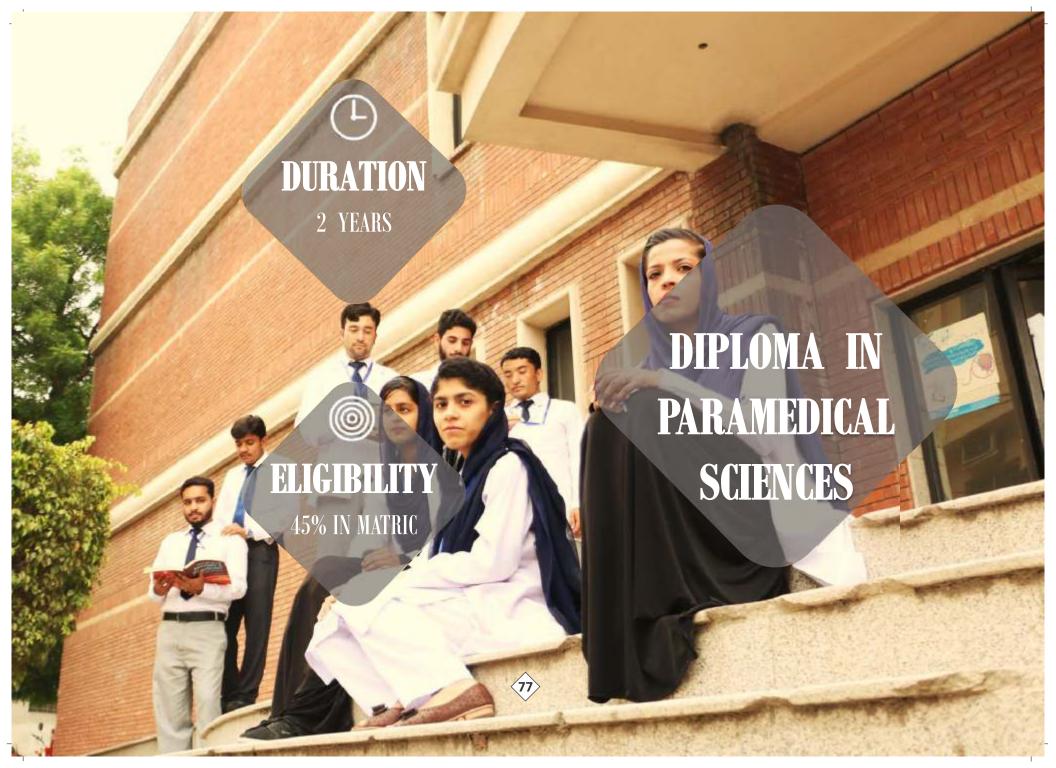
RIT Years)

MLT Vears Anesthesia Technician

Opthalmic Technician

DISPENSER (1 Year)





AL-ALEEM CENTRE FOR ADVANCE STUDIES & RESEARCH

In order to establish, maintain, aid and promote medical research centers and laboratories and to encourage, promote, support and arrange symposia, seminars, lectures, classes, demonstrations and exhibitions to advance the objectives of the hospital, Al-Aleem Centre for Advance Studies & Research has been established. The Research Centre possess state of the art laboratories having all the necessary equipment and machinery and wide range of regents and chemicals. The Research Centre has international collaboration with different well known institutions

The Researchers, at Al-Aleem Centre for Advance Studies & Research, are facilitated in every respect and their projects, once approved by the Institutional Review Board of the college, are funded by the Research Centre.

Performance of Al-Aleem Centre for Advance Studies & Research is categorized as under;



CURRENT PROJECTS

Recombinant production of Streptokinase C of Streptococcus pyogenes from prokaryotic expression system Soluble production of recombinant human bone morphogenetic protein 7 from E. coli using SUMO fusion technology. Deciphering the genetic association of single nucleotide polymorphism (SNPs) with multifactorial diseases (pulmonary tuberculosis and cardiovascular diseases)

Recombinant in-house production of different enzymes used in research (polymerases, reverse transcriptase, ligase, protease) Recombinant production of bioactive ULp1 protease of Saccharomyces cerevisiae from E. Coli.

PUBLICATIONS

Hanif, M. U., Gul, R., Hanif, M. I., Hashmi, A. A. "Heterologous Secretory Expression and Characterization of Dimerized Bone Morphogenetic Protein 2 in Bacillus subtilis," BioMed Research International, Vol. 2017, Article ID 9350537, 11 pages, 2017. doi:10.1155/2017/9350537.

Mahmood, K., Hashmi, A. A., Hanif, M. U. Cytomegalovirus infection; prevalence in hemodialysis patients in dialysis unit of Lahore General Hospital. The Professional Medical Journal 2016; 23(12):1598-1603. DOI: 10.17957/TPMJ/16.3328. Hanif, M. U., Ahmed, M., Hanif, I. Hematological malignancies; frequency of cytomegalovirus infection in patients. The Professional Medical Journal 2015; 22(3):349-352.

Riaz G, Naheed M, Hanif MI, Hanif MU. A cross sectional study on the definite diagnosis of tuberculous pleural effusion at Gulab Devi Chest Hospital. Professional Med J 2019; 26(8):000-000. DOI: 10.29309/TPMJ/2019.26.08.3880.

Ahmed, M., Hanif, M. U., Yousaf, N., Maqsood, S., Association of T174M and M235T polymorphism in cardiovascular patients with hypercholesterolemia. (Under process)

Yousaf, N., Maqsood, S., Khan, S., Zaheer, M., Hanif, M. U., Alam, R., Aslam, A. Association of six SNPs of TLR2 and TLR4 gene with pulmonary tuberculosis. (under process)

Mahmood, T., Ijaz A., Hanif, M. U. Association of NRAMP1 and SCLA11 gene polymorphism with pulmonary tuberculosis. Akbar, A., Hanif, M, U., Khan, S. Association of diabetes and hyperglycemia with tuberculosis in Gulab Devi Chest Hospital. (under process)







Library

The library at Gulab Devi Educational Complex is a specialized medical/health sciences library envisioned to serve the faculty, students, researchers and staff of the college. The library has a bounteous and diversified collection of information resources. The resource at Gulab Devi Educational Complex library is providing support to scholarly pursuits and research activities along with curriculum related needs of the students and faculty

Cafeteria

The cafeteria at Gulab Devi Educational Complex facilitate students with food and a friendly, healthy environment to relax during their breaks from lecture

Gym

Healthy body holds a healthy brain. The gymnasium at Gulab Devi at Educational Complex provides the facility to maintain a good healthy life style by exercising regularly. The gym is equipped with various electrical and manual machinery including treadmill, station bicycle, bench press, hammer strength machine and dumbbells etc.

Common Rooms

Gulab Devi Educational Complex facilitate at large.
The Student Common Room is open weekdays during college hours











FAREWELL

GSLAG DEVI EDUCATIONAL COMPLEX, LAHDRE



2 K 2







Cafe & Common Room









ISLAMIC SOCIETY

The Islamic Society aims to provide a means for Students to combine their knowledge, skills and efforts for the benefit of one another and to educate students and lecturers alike of the teachings and principles of mainstream Islam. Every year Gulab Devi Educational Complex arranges "Mehfils" on Eid Milad ul Nabi and on other Holy days. The Main Purpose is to Create a platform for students to share their skills and benefit the wider university community





The blood donation society of Gulab Devi Educational Complex is on track to serve the society without any anticipation. The members of the club serve sincerely understanding the principle that donating blood is donating life. This society has been established on the fundamental principles of humanity, impartially, independence, service, unity and universality. Our representatives will team up with you to set a goal, provide materials and help set you up to recruit donors and volunteers.



DEBATING SOCIETY



SPORTS SOCIETY







RULES & REGULATION



All Students must abide by the College Rules, Regulations, Policies and Guidelines as may be promulgated by the College Administration from time to time. Breach of these Rules, Regulations, Policies and Guidelines shall render them liable to disciplinary, administrative and legal action including but not limited to imposition of fine, suspension or expulsion (both provisional and permanent) from the College.

Admission Rules:

- Each column of application form must be completely filled. Incomplete Form will not be entertained.
- All the certificates/ documents must be attested by a grade 17 government officer. The institute may sent all the certificates to corresponding departments in due time for verification. In case of objection or rejection the admission will be cancelled and the candidate will be responsible for the consequence.
- Merit list will be displayed on the notice board/website and interview will be conducted after which final admission list will be displayed on the notice board and website (www. Gdec.edu.pk)
- After Signature of the Principal the decision of the interview committee would be regarded as irrevocable and unchallengeable. Candidate must appear with original documents before the interview committee at the time of admission.
- Students are directed to obtain dues Challan Form from accounts section and get it deposited in the Bank before the specified last date.

HOSTEL

RULES & REGULATION

- The student shall be allotted a hostel seat (as per availability) by the appropriate authority and the student shall become a resident from the date he/she occupies the seat.
- In case of damage to or loss of hostel property the cost will be recovered from the students responsible if identified, or from all the students of the hostel, as decided by the hostel Management.
- Any mental of physical torture to any students by any other students will not be tolerated.
- Use of alcohol, drugs etc will not be permitted in the entire campus. Any student violating these norms will not only be removed from the hostel but will also be expelled from the campus immediately.
- All fans, lights and electrical appliances must be switched off when the resident is not in the room/respective area. Use of electric appliances like electric heater / Air conditioners are not allowed in any room a fine of 500 will be charged in case of violation.
- The Hostel Management reserves the right to make spot checks on the hostel units and the bedrooms without prior notice to the students.
- The Hostel Management reserves the right to move residents to other hostel rooms if there is a necessity.
- Student must inform prior Hostel Warden about visitors. No visitors will be permitted to stay overnight in the hostel premises.
- Students should not arrange for any picnic outside without specific permission

RULES & REGULATION



Admission of those students will be cancelled who do not join classes within 10 days of their admission and dues paid in this regard will not be refunded.

- Admission will be confirmed only after the registration of relevant University. The institute is not responsible for any litigation in respect of registration by Concerned University.
- 75 % Clinical and 75 % Theoretical attendance is mandatory for appearing in internal and University Examination in each subject.
- The students have to clear all the requisite tests according to the stipulated parameters for becoming eligible to sit in the University Annual Professional Examination.
- A fine of Rs: 50/day will be charged in case of absence without approved application stating a genuine reason.
- 100 Rs per day fine will be charged after due date of fee submission.
- All the leaves will have to be sanctioned and signed by Director Education of relevant department or Admin Officer GDEC prior to the leave.
- Late-comers in the class may be marked absent.
- The Principal has the vested power to struck off the name of any student who is found guilty of breaking rules & Regulations of the college.
- Students are not allowed to keep / move in the premises of the institution/hospital with any sort of weapon; any student found guilty shall be punishable under the prevailing law of the country.
- Students are not allowed to political or immoral activity, display, paste, exhibit or distribute any sort of posters, leaflets, badges handbills etc, within the Institution premises, without prior permission from Institution authorities and Hospital administration.
- No student is allowed to smoke, play cards or gamble in the Institution /hospital premises.
- No student is allowed to leave the college during his / her class without permission.
- University related charges will be collected after admission according to the University Rules.
- The institution has authority to increase the Fee from time to time if and when it deems fit to do so.

GENERAL

RULES & REGULATION

The Project Director & Assistant Project Director have the authority to waive off whole or a part of late fee / Fine etc.

- Those students who are detained in Final Year Exam will have the option to continue classes in institute or to study at home. In case of not joining the classes the institute will not charge any tuition fee however the student will pay examination fee or other university charges. The institute will forward exam form of the student.
- Any other rule through Executive/ Office Order from time to time will be applicable to the students.
- Those students who are failed in Annual/ Supply examination and are detained in the same educational year 30% concession in tuition fee according to current fee schedule.
- Students must keep the College identity Card during their stay in the College premises and during College functions & wear the white overall while attending the College.
- The College authorities reserve the right to revise any class schedule or to re-arrange the classes.
- The College will not be responsible for loss of any mail/valuables sent to a student at the College address.
- The College is not responsible for any loss/damage regarding the students' belongings.
- Any false information on the Application Form may render the student liable to expulsion from the College.
- The College reserves the right to make, amend and introduce any rule as and when deemed appropriate.
- If a student defaults in submission of College dues for a period of one month the institute will take action according to rules and regulations.
- NOCs and College leaving certificates can only be issued if the student pays his/her all dues till the submission date of his/her application for the issuance of these.

Any student aggrieved by any happening in the College shall lodge a complaint with the Principal and not with any outside authority unless the Principal permits him/her to do so. Any student misbehaving in the classroom/College shall at once be reported to the Principal by the teacher. The Principal will take such action as he/she may deem proper.

Rules & Regulations

Prescribed dress code shall strictly be followed by the students on campus.

RESTRICTED DRESS CODES FOR MALE STUDENTS

- 1. Jeans/Tights
- 2. Shorts
- 3. T-Shirts(Half Sleeves)
- 4. Shirts With Any Message
- 5. Chapel /Sleeper/Sandals

RESTRICTED DRESS CODES FOR FEMALE STUDENTS

- 1. Jeans/Tights
- 2. See Through & Skin Tight Dress
- 3. Shorts
- 4. T-Shirts(Half Sleeves)
- 5. Shirts With Any Message
- 6. Chapel /Sleeper/Sandals
- 7. Flashy /Heavy Jewelry/ Pazeb 100



INSTITUTION'S LINKAGES

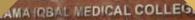
CHILDREN HOSPITAL AND CHILD INSTITUTE OF CHILD HEALTH



EMERGENCY SERVICES ACADEMY RESCUE 1122



ALLAMA IQBAL MEDICAL COLLEGE





SHEIKH ZAYED HOSPITAL, LAHORE





INSTITUTION'S LINKAGES

INSTITUTE OF PUBLIC HEALTH



SERVICE INSTITUTE OF MEDICAL SCIENCES



PUNJAB INSTITUTE OF **CARDIOLOGY**



ANNUAL SPORTS WEEK

Annual sports week is a necessary ritual at Gulab Devi Educational Complex

Al Aleem Medical College
Gulab Devi Educational Complex
7th Annual Sports
Inauguration Ceremony

There is wide variety of sports facilities to keep students engaged and physically fit





We believe in development and excellence at all levels of participation in sports to promote sportsman spirit national building and progressive social structure





ANNUAL GALA DINNER

The Gala Dinner is organized every year at Gulab Devi Educational Complex to celebrate the success of the passing year. The festivity brains joy and happiness amongst the students and faculty boosting their energy level.





COMPETITIONS & WORKSHOPS















