

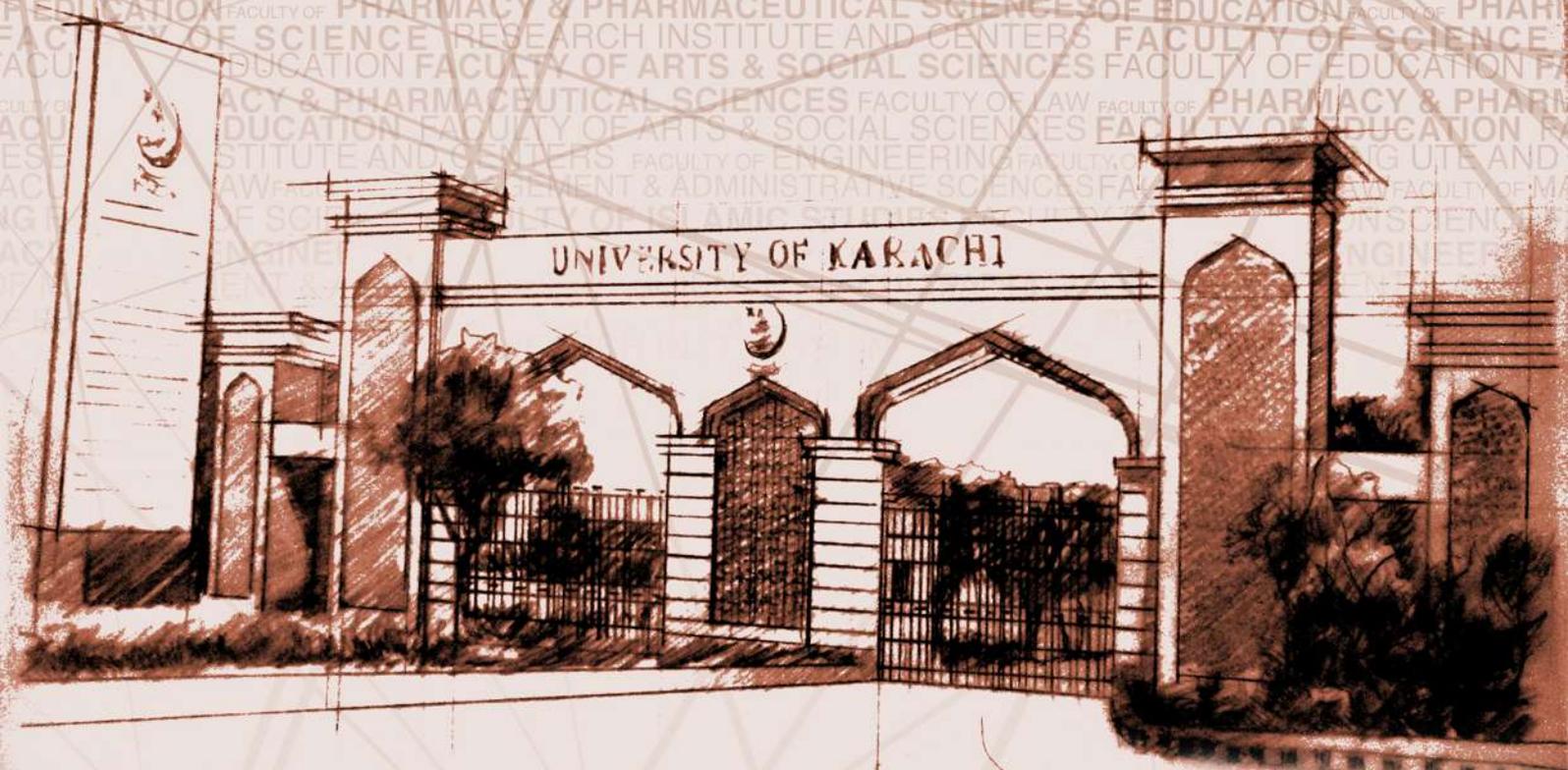


# UNIVERSITY OF KARACHI

## PROSPECTUS ADMISSIONS 2020

FACULTY OF PHARMACY & PHARMACEUTICAL SCIENCES FACULTY OF LAW FACULTY OF PHARMACY & PHAR  
FACULTY OF EDUCATION FACULTY OF ARTS & SOCIAL SCIENCES FACULTY OF EDUCATION  
RESEARCH INSTITUTE AND CENTERS FACULTY OF ENGINEERING FACULTY OF ENGINEERING  
FACULTY OF LAW FACULTY OF MANAGEMENT & ADMINISTRATIVE SCIENCES FACULTY OF LAW FACULTY OF M  
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OF MANAGEMENT & ADMINISTRATIVE SCIENCES FACULTY OF LAW FACULTY OF MANAGEMENT & ADMIN



## **Our Vision**

**To become a globally recognized Centre of Excellence in Higher Education**

## **Our Mission**

**To attain International Excellence in Education and Research and to produce highly skilled manpower with a view to foster human values, truthfulness in our society and disseminate, contemporary knowledge in all academic disciplines**

# UNIVERSITY OFFICIALS

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Vice Chancellor	Prof. Dr. Khalid Mehmood Iraqi	2454	99261336-7
Registrar	Prof. Dr. Saleem Shahzad	2233	99261344
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Director Evening Program	Prof. Dr. Abid Hasnain	2339	99261574

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Faculty of Arts & Social Sciences	Prof. Dr. Nasreen Aslam Shah	2260	99261362
Faculty of Education	Prof. Dr. Nasir Sulman	2366	99261158
Faculty of Islamic Studies	Prof. Dr. Shahnaz Ghazi	2394	99261655
Faculty of Law	Prof. Dr. Nasreen Aslam Shah (Caretaker)	2464	32046762
Faculty of Pharmacy & Pharmaceutical Sciences	Prof. Dr. Rahela Ikram	2259	99261367
Faculty of Management & Administrative Sciences	Prof. Dr. Tahir Ali	2587	99261025
Faculty of Engineering	Prof. Dr. Tabassum Mahboob (Caretaker)	2255	99261077
Faculty of Science	Prof. Dr. Tabassum Mahboob	2255	99261077
Faculty of Medicine	Prof. Dr. Nargis Anjum	2381	99261372

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**GOVERNOR**

**SINDH GOVERNOR'S HOUSE**

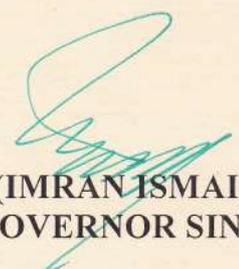
**Telephone: 021-99201201-3**

**MESSAGE**

The University of Karachi is one of the leading educational institutions of Pakistan. It is responsible for disseminating quality higher education and research in diverse areas, thus making it a host for a large number of students both from the province of Sindh and other areas of Pakistan. This University has remained a beacon of knowledge since 1951 and produced distinguished leaders, politicians, diplomats, scholars and researchers who have served the nation and made us proud on many international forums. The University of Karachi enjoys a sound reputation not only at the national and regional levels but also is home to international students from various friendly countries.

Our growth and development is now dependent on the quality of education in our institutions. Research and quality education can guarantee our path to progress and enable us to develop our human resource. I would advise those who stand successful in obtaining admission in this prestigious institution to utilize their entire period of studies for the development of their full potential. It is only through our youth that we can envision a bright future for our country.

I am confident that the University of Karachi will continue to provide high quality education to its students and enable them to realize their full potential into becoming responsible leaders, researchers and professionals in various walks of life.

  
**(IMRAN ISMAIL)**  
**GOVERNOR SINDH**



*Office of the Vice Chancellor, University of Karachi  
Karachi-75270, Pakistan*

**Prof. Dr. Khalid Mahmood Iraqi**  
**Acting Vice Chancellor**

## **MESSAGE**

A university is not just a degree awarding institution but also the highest seat of learning where students are given the opportunity to achieve academic excellence along with refinement of character, so that they make meaningful contribution in society. The University of Karachi was established with the same vision in 1951 and since then it has been actively engaged in imparting quality education with a special focus on research in a variety of disciplines. The teachers and research scholars working in the 54 departments and 19 research institutes of



the University of Karachi work with students in the joint construction of knowledge and it is this joint construction of knowledge that should be the aim of higher education institutions.

The University of Karachi is proud to have produced hundreds and thousands of graduates in different disciplines in its 68 years long journey --- a journey we would love to continue for centuries to come. The graduates of the University of Karachi hold important positions in their respective fields both in Pakistan and abroad. Currently, the University of Karachi has around 40,000 students including foreign students from different African, Middle-East and South Asian countries, who are studying in different departments and research institutes of the university. The fact that we have students not only from different regions of Pakistan but also from 12 different countries adds to its diversity and it is this diversity that makes Karachi University stand apart from other universities of Pakistan.

I welcome all the new students, local as well as foreigners, who I believe will excel in their field of interest and make the university proud of their achievements. I assure you that the time you spend on the university campus and the interactions you have both inside and outside the classroom will enrich your experience and inculcate in you the desire for continuous intellectual growth and professional development.

**Prof. Dr. Khalid Mahmood Iraqi**



*Office of the Directorate of Admissions  
University of Karachi  
Karachi-75270, Pakistan*

**Dr. Saima Akhtar**  
**In-Charge**

## **MESSAGE**

Welcome to the University of Karachi, home to a broad community of students, coming from all backgrounds, with the thirst for knowledge, a common goal. Karachi University is a place where we treat all students with the passion they deserve as the future nation-builders. We reach out to all our diverse range of students, valuing their aspirations, goals and the individual perspectives that they bring to the university, making it rich and vibrant in culture. We believe that education is everyone's birthright and degrees, their professional right, and here we offer everything that is pivotal for the personal as well as professional growth and development in almost every discipline.



The university has transformed its entire admission system granting ease of access to all prospective students across the globe by providing online application process. The admission forms are available online and applicants can submit their forms and fee without any hassle. Our fee structure and design of the offered programs are suitable for all regardless of their class and status, creating an environment that is conducive to learning.

The university offers undergraduate, graduate and post-graduate degree programs in the faculties of Islamic Studies, Education, Management and Administrative Sciences, Pharmacy, Law, Medicine, Science, Social Sciences and Arts. The university has a main library as well as departmental libraries equipped with digital as well as non-digital resources. As per the requirement of studies, departments have laboratories, seminar halls, large classrooms, and other resources. Moreover, a large number of well-qualified faculty members/teachers and researchers grace the decorum of academia.

Being educationists, we believe our students, the future of our nation, need proper guidance, financial support, social positivity, emotional stability and motivation to keep their spirits high, which, we believe, will result in high productivity. We are doing our best to facilitate our students to achieve their goals.

Based on past achievements, we trust in all of our stakeholders and especially the students for an even better well-reputed alma mater. My prayers and best wishes for all connected to this institution.

**Dr. Saima Akhtar**

## **INTRODUCTION**

The University of Karachi (herein after referred to as the University) was established in 1951 by the Parliament through the “University of Karachi Act, 1950”, as a Federal University, which was redefined later in 1962 as a University in the province of Sindh. With the passage of time it has emerged as a prestigious national institution imparting quality education at higher level.

The University was initially housed in a compound comprising a few buildings, situated at the old Princess Street near Civil Hospital, Karachi but it was not spacious enough to carry out academic and research activities. Considering the needs, the authorities sanctioned new site at the Country Club road (now the University Road) with an expanded area.

The University, besides enjoying the status of imparting quality education and a thriving and challenging academic community today, is dedicated to achieve excellence at all levels of higher education and research. This premier institution has emerged as a dynamic place that keeps pace with academic advances and changes in the modern world.

A number of scientists and scholars are affiliated with the University, possessing significant positions both within and outside Pakistan. They have been acclaimed as active and dedicated members of all segments of society who are striving to bring positive changes and developments in the intellectual mindset of the people of Pakistan.

Considering the increasing number of applicants every year, the University initiated its Evening Program a few years ago at Bachelor and Master Levels. An independent Directorate of Evening Program has been set up to oversee matters pertaining to admissions, academics and administration.

At present, the University offers Bachelors and Masters Programs as well as M.S., M.Phil. and Doctorate along with diploma and certificate programs in the faculties of Arts & Social Sciences, Education, Science, Pharmacy and Pharmaceutical Sciences, Islamic Studies, Management & Administrative Sciences, Engineering and Law.

Being an affiliating and examining institution, the University has granted affiliation to about 138 colleges and institutions. It conducts examinations of about 150,000 students studying in these colleges/ institutes and prepares their results and awards degrees.

The value of academic excellence of the degrees awarded by the University is acclaimed throughout the world. This is evident from the inclusion of this institution in the list of top universities of the world, for the fourth consecutive year. The ranking is carried out annually by the world's most prominent ranking agencies, Times Higher Education and Quacquarelli Symonds (QS) UK.

To further strengthen the standards of education and research, the University has established a Quality Enhancement Cell (QEC) in the main administration block of the University. The main objective of the Cell is to introduce self-assessment program in all disciplines offered at the University.

## **ADMISSIONS**

Admissions are offered in the following degree programs simultaneously:

- Doctor of Pharmacy / Doctor of Physical Therapy / B.A./LL.B. (Five years)
- B.S./B.B.A./B.Ed./B.E. (four years)
- B.Sc./B.A., (Honors three years)
- Masters / B.Ed. (two years)
- B.S.(BBA) (two years)
- B.L.I.S. (one Year)

The list of alumni of the University contains renowned names such as Dr. Abdul Qadeer Khan and Prof. Dr. Atta-ur-Rehman etc. The University is proud of these eminent figures, who are known for their services for the promotion of higher education and research.

Reputed to be a research oriented institution, the University offers courses which have futuristic vision in all disciplines. This academic stance makes it easier for students to find a rightful place in the competitive job market at national and international levels.

The University is well-known for its diversified teaching and research programs. It is currently imparting quality education with modern teaching and research facilities and techniques in a variety of disciplines in the following faculties:

- Faculty of Arts & Social Sciences
- Faculty of Education
- Faculty of Islamic Studies
- Faculty of Law
- Faculty of Pharmacy & Pharmaceutical Sciences
- Faculty of Management & Administrative Sciences
- Faculty of Engineering
- Faculty of Science
- Faculty of Medicine

## **ADMISSION POLICY**

Admissions are granted in Bachelors and Masters Programs at the University of Karachi, in the categories of **K, S and P**, as per approval of the Academic Council. These admissions are granted purely on merit however, certain seats are reserved for the candidates from the Province of Sindh (other than Karachi), Balochistan, FATA, Azad Jammu & Kashmir and Northern Areas, Children of Armed Forces personnel, dependents of the University employees (spouse and Children), International students, Self-financed students, Special persons, Sports persons & Advocate Children Quota. However merit is the only criterion for obtaining admissions on the reserved seats as well.

## **NOTE**

1. Admissions on reserved seats for FATA, Northern Areas and Azad Jammu & Kashmir are granted only to the eligible candidates, who qualify on merit and have been nominated by the Kashmir Affairs, Northern Areas Division, Government of Pakistan, Islamabad.
2. Similarly, admissions on the reserved seats for children of Armed Forces Personnel are given only on the nominations from General Head Quarters of the Armed Forces of Pakistan.
3. The admission on special persons' reserved seats is granted only after the medical examination and verification from the Social Welfare Department, Government of Sindh and / or civil surgeon.
4. The admission on sports seats is granted only after the verification of eligibility as per the predetermined standards, from the authorities concerned, as appropriate.
5. The Admissions on Advocate Children Quota Seats are granted only after the verification of eligibility as per the free determined standards, from the authorities concerned, as appropriate.

➤ **All Reserved/Nomination Seats candidates must submit "Reserved Seat Forms separately". otherwise their Admission form on reserved seats will not entertained.**

## **ADMISSIONS ON OPEN MERIT SEATS**

Since the number of applicants for the Bachelors and Masters Programs is much higher than the number of seats available, the admissions have been categorized in three groups i.e. **K, S and P**. Each category is defined as follows:

### **CATEGORY "K"**

Category "K" refers to those applicants who have passed their Secondary School Certificate (SSC or Matric), Higher Secondary Certificate (HSC or Intermediate) or equivalent, and graduation from the educational institutions which are situated in Karachi and are also recognized by or affiliated with the University of Karachi.

Additional 5% of the seats, open merit, in each department have been reserved for applicants who have completed their graduation from other degree awarding institutions, situated in Karachi and recognized by the University of Karachi.

### **CATEGORY "S"**

Category "S" refers to those applicants who have passed at least one of the SSC/Matric, HSC/Intermediate or Bachelors degree examinations from a recognized educational institution in the Province of Sindh (excluding Karachi).

### **CATEGORY "P"**

Category "P" refers to those applicants who have passed at least one of the SSC/Matric, HSC/Intermediate or Bachelors degree examinations from a recognized educational institution outside the Province of Sindh.

Preference in admissions is given to "K" category candidates. If the eligible applicants are fewer than the seats and the seats are left vacant, then "S" category candidates are considered. If seats are still available then consideration is given to "P" category candidates.

### **CHANGE OF CATEGORY (FOR OPEN MERIT BASED DEPARTMENTS ONLY)**

Candidates who fulfill the following conditions can apply for change of category from S or P to K.

1. Those students whose parent (father or mother)/guardian has the domicile of Karachi but they have passed the pre-requisite examination from abroad that was conducted by any registered International Institution or any Pakistani Board or University, will have to produce the domicile certificate and copy of CNIC of their parents /guardian, showing their permanent address in Karachi.
2. Students whose parents / guardian are employed with Federal or Sindh Governments, Autonomous or Semi-autonomous bodies, Government Corporations, or Armed Forces, and who have been posted in or transferred to Karachi during the last 03 years (for Bachelors program) or 05 years (for Masters program) will have to produce the appointment/deputation/transfer letter and joining letter of their Parents (father/mother) along with their application. Such candidates must have completed their further education from educational institutions located in Karachi after the date of transfer or posting of their parents.
3. Additional 3% seats in each department have been allocated for those candidates who have passed their pre-requisite examinations from a recognized educational institution located outside Karachi but have their initial education including SSC/Matric and HSC/Intermediate from Karachi. Such candidates should have a CNIC and Permanent Residence Certificate (PRC) of Karachi and their parents should have the domicile and CNIC indicating their permanent address in Karachi. Candidates below the age of 18 years are required to submit a scanned copy of their 'B'-Form.
4. A candidate who comes under 'S' or 'P' category, but has got married to a permanent resident of Karachi should submit a copy of the 'Nikah nama' along with the domicile and CNIC of his/her spouse showing his/her permanent address in Karachi.

### **APPLICATION FOR CHANGE OF CATEGORY (FOR OPEN MERIT BASED DEPARTMENTS ONLY)**

All such applicants who fulfill any of the criteria for change of category to 'K' described above, should attach, with their forms, an application on plain paper for change of category together with the required documents mentioned above. At the time of admission, they will have to produce the original and copies of all the documents.

**Note: The candidates who are applying for Test-based departments are not required to apply for change of category, as the category system is not applicable for Test-based departments.**

### **ADMISSIONS ON SELF-FINANCED SEATS**

The University offers admissions on self-financed seats in both Bachelors and Masters Programs. The number of seats, distribution of seats in Bachelors and Masters degree programs and payment terms are given in the appendix-M Page No 122.

## **ADMISSIONS ON RESERVED SEATS**

Candidates for admission to reserved seats should ensure that they meet the criteria of eligibility for the University as well as the department concerned. The merit list for these seats is prepared for different departments on the basis of recommendations by the department concerned.

As per the directives of the Academic Council, 90 seats (for details please see Appendix-L, page-121) have been allocated for the students of the Province of Sindh (other than Karachi), besides "S" Category. However, such students should have the domicile of the Province of Sindh (other than Karachi) and they must have acquired the entire education from that area.

There are 60 seats reserved for the deserving students from Balochistan (for details please see Appendix-L, page-121). However, the conditions applied to the students of the Province of Sindh (other than Karachi) will also be applicable here.

Additional 2 % of the total allocated seats in each department is reserved for the employees of the University of Karachi and their dependents (a) self, sons, daughters and spouse b) real brothers, sisters), for the special persons and for sports persons are 2%. Additional 5% of the total allocated seats in the Department of School of Law have been allocated for the Advocate Children Quota. Similarly, seats are reserved for the self-financed candidates (details given in Appendix-M page-122).

The applicants seeking admission in Masters program in any department of the University, having completed their two years of B.Sc. (Pass) / B.S. from the University of Karachi with degree conversion are allocated an additional 5% seats. **Those Students who have appeared in the Fourth Semester in the University of Karachi having seat numbers starting from H-17, B-17 or EP-18 are eligible to apply on Three Performa bases. However, such students should have passed all the papers of First Semester to Third Semester, otherwise their forms will be rejected.**

In addition, those applicants who apply for a Masters program, having passed their three years' B.Sc. (Honors) program but have not completed their Masters earlier, have an additional 5% seats. **Those Students who have appeared in the Sixth Semester in University of Karachi having seat numbers starting from H-16, B-16 or EP-17 are eligible to apply on Five Performa bases. However, such students should have passed all the papers of First Semester to Fifth Semester, otherwise their forms will be rejected.**

Note:

- Admissions in the Entry-Test-Based departments (See Appendix B on Page No: 96-97) for Bachelor Programs.
- Admissions in the Entry-Test-Based departments (See Appendix B (i) on Page No: 98) for Doctor of Pharmacy (Morning & Evening).
- Admissions in the Entry-Test-Based departments (See Appendix F on Page No: 109) for Master Programs.
- Admissions are granted in the Department of Visual Studies on the basis of an Aptitude Test.

## **CONDITIONS FOR ELIGIBILITY**

The conditions for eligibility, whether applying on merit or reserved seats, are given below:

- i. Admission in the Faculties of Science, Arts & Social Sciences, Education, Islamic Studies, Management & Administrative Sciences, Pharmacy and Pharmaceutical Sciences, Engineering and Law will be granted as per the eligibility criteria of the department. Grace/Condoned marks will not be taken into account.
- ii. A student with 3<sup>rd</sup> division or with less than 45% marks in the pre-requisite examination is **NOT ELIGIBLE** for admission in the University.
- iii. Additional 20 marks will be given to those candidates who are **Hafiz-e-Quran (for Bachelors programs Only)** after producing the Hifz-e-Quran certificate from recognized institutes, provided that they do not hold any third division (less than 45% marks) in Intermediate or equivalent Examination.
- iv. A candidate who has already obtained a Masters degree is not eligible for re-admission or fresh admission in any Masters Programs or a candidate who has already obtained a Bachelors degree is not eligible for re-admission or fresh admission in any Bachelors Programs. If any such case is discovered, the admission will be cancelled at any stage of the studies and legal action will be taken against such students.
- v. Only those candidates can apply for admission who have passed the prerequisite examinations within the last 05 years. However 03% seats in each department have been allocated on merit for candidates who have passed the pre-requisite examinations more than 05 years ago.
- vi. Candidates desirous of taking admission on the basis of degrees/certificates awarded by private sector institutions in Pakistan or abroad should get the equivalence of their bachelor level degrees/certificates by Karachi University Equivalence Committee or their Intermediate/A Level Certificates from Inter Board Chairman Committee (IBCC) well before the scheduled date of admissions.
- vii. Seats are also available in various departments for foreign students. The minimum criterion for their eligibility is English proficiency with IELTS (minimum 5 band), in addition to passing the pre-requisite examination. In case of less than 5 bands, the students will be required to attend a Remedial English Language Proficiency Course after getting admission in the University.
- viii. All admissions are provisional subject to verification of documents. Admission on fake documents or inadvertent admission of candidates from non-recognized institutions can be cancelled at any time.

## **ADMISSION PROCEDURE**

1. The date of opening of admissions, availability of forms, submission of online forms and other details are announced through the University of Karachi website [www.uok.edu.pk](http://www.uok.edu.pk) and advertisements in the newspapers.
2. Application forms will be available on the website [www.uokadmission.edu.pk](http://www.uokadmission.edu.pk) with all the relevant instructions including the demonstration for guidance of the students. **The applicants are required to read the instructions carefully. In case, of any mistake committed by the applicant, the University shall not be held liable.**

3. Applicants are instructed to select departments strictly in accordance with eligibility criteria listed in Appendices **A, B, B (i)** for Bachelors Program and **Appendices E & F for Masters Program**. **Maximum 05 choices of departments can be mentioned in order of preference. The names of the departments should be selected very carefully since it is not possible to make any changes in the form once it is submitted.**
4. Closing percentage for Bachelors / Master Admissions **2019** are given in Appendices **H, I, (for open merit) & J (for test based departments)**, respectively. These percentages are only for guidance.
5. A candidate can apply for admission on open merit and test basis on separate forms but she/he is not allowed to submit more than one admission form for the same category of admission. If any candidate submits more than one form for admission in either open merit or entry test basis, all of her/his forms will be cancelled.
6. The provisional merit list of successful candidates will be displayed on the website of the University on the dates mentioned therein.
7. University employees who seek to get admission on the seats reserved for them will have to submit a statement containing essential details of employment duly certified by the Head of the department concerned.
8. Special persons who seek to apply for seats reserved for them are required to submit a medical certificate issued by the Social Welfare Department, Government of Sindh and / or civil surgeons.
9. Students applying on sports seats should upload sport certificates and other supporting documents. Two percent (2%) quota in each department is reserved for sports. Only those candidates are eligible for admission on the sports quota who have played as a member of:
  - Pakistan Junior/Senior Team
  - Winner/Runner-up National Championship
  - Pakistan University/Board Team
  - Winner/Runner-up Inter-Provincial Championship
  - Winner/Runner-up Inter-University or Inter Board Tournament.
10. The lists of admission for reserved seats will be prepared separately by the admissions committee.

### **INSTRUCTIONS FOR CANDIDATES WHOSE NAMES APPEAR IN THE ADMISSION MERIT LIST**

Candidates whose names appear in the admission list must complete all the formalities for admission within the stipulated time, otherwise their admission will lapse and no claim will be entertained.

The following documents are required to be submitted for completion of the admission process:

1. Colour printout of duly filled-in Enrolment form, submitted online by the applicant.
2. Original Marks Sheet of the last examination i.e. H.S.C./Intermediate or equivalent for Bachelors and Bachelors degree/Graduation for Masters Program (non-returnable).

3. Original character certificate from the Head of the institution last attended. For external candidates, a character certificate is required from any gazetted officer (non-returnable).
4. One copy of the CNIC of the candidate. In case where the candidate is below 18 years of age, a copy of his/her parents (father/mother/guardian) CNIC.
5. One copy of certificate of S.S.C./Matric, H.S.C./Intermediate, A/O Level
6. Original Payment Receipt (Enrolment Copy) of paid prescribed Fee. (Appendix –K Page No. 120)

### **ENROLMENT:**

After completion of the above formalities, the candidates must enroll themselves, as under the University rules their admission will not be completed until they receive their enrolment card. The enrolment can be completed by filling an enrolment form which can be obtained on the production of the original receipt of the Admission Fee. Students who have passed their last examination from Board, College or University outside Karachi have to submit a Migration Certificate from the respective institution in order to complete the enrolment formalities.

It should be noted that all admissions are provisional, subject to the verification of documents. If any candidate secures admission on the basis of misinformation and/or fake documents, his/her admission shall be cancelled at any time and the deposited fee shall not be refunded. Punitive action will also be taken leading up to debarment from any educational institution for three years.

The candidate must follow the rules and meet the criteria laid down by the departments, in line with the admission policy of the University, as mentioned in Appendices A-F of this prospectus.

The admission policy for Evening programs will be announced separately. Information is available in Appendix- G, on the website and in a separate prospectus.

In addition to the directions given in this prospectus, all candidates must abide by the rules mentioned in the University Code. Likewise, semester rules are applicable to all the students. Important semester rules are given in Appendices C & D.

### **PROGRAMS OFFERED**

Beside various degree programs (B.A. (Honors), B.B.A., B.E., B.Ed.(Hons.), B.A.LL.B., B.L.I.S., B.Sc. (Honors), B.S., M.A., BS(BBA), M.Com., LL.M., M.L.I.S., M.P.A., M.Sc., M.C.S., Pharm-D., DPT, M. Phil. & Ph.D.), certificate and diploma courses are also offered by the University.

### **CRITERIA FOR PROMOTION TO NEXT HIGHER CLASS/DEGREE PROGRAM**

To get promoted to the next higher class, a student must clear 80% of the courses during each academic year. A student, admitted to Honor's program becomes eligible for admission to Masters Program only after completion of the Honor's degree requirements.

## **DURATION OF DEGREE PROGRAMS**

The duration of various degree programs are as follow:

- One year for M.A./M.Sc./M.P.A. after completing Honors.
- One year for B.L.I.S. after Graduation.
- One year for M.L.I.S. after B.L.I.S.
- Two years for M.A./M.Sc./M.C.S./M.P.A./L.L.M.
- Three years for B.A./B.Sc. (Honors)/LL.B.
- Two years BS(BBA)
- Four years for B.S./B.B.A./B.E./B.Ed.(Hons.)/ Visual Studies (Textile Designing / Graphic Designing / Film / Animation / Fine Art / Industrial Designing / Islamic Arts/ Ceramic & Glass).
- Five years for Doctor of Pharmacy/Doctor of Physical Therapy/B.A.LL.B/Visual Studies (Architecture).

## **THE STUDIES SCHEDULE:**

Each academic year is divided into two semesters (for details see the academic calendar) Page No: 125

- A student who is pursuing a 3-year Honors program in the Faculty of Arts and Social Sciences, Education, Islamic Studies and Science is required to complete a total of 84 credit hours courses in 6 semesters (24 credit hours courses in the first year, 30 credit hours courses in the second and 30 credit hours courses in the third year).
- A student who has successfully completed Honors degree can get a Masters Degree after studying 30 credit hours courses (15 credit hours' courses in each semester).
- A student admitted to Masters (Previous) shall complete courses of 60 credit hours in two academic years (15 credit hours courses in each semester).
- Students admitted to the Faculty of Pharmacy and Pharmaceutical Sciences shall complete courses of 200 credit hours during the 5 years' program.

## **REQUIREMENTS OF ATTENDANCE**

A student is not allowed to appear in the examination of any course, if the attendance is below 75% (for details consult 'Semester Examination Rules', a booklet available at the University Bookshop).

## **STUDENTS' CORNER**

The University is well reputed for its multifaceted research and diversified campus life with world recognized laboratories, libraries, institutes and research centers. The main aim of the University is to provide students with the best amenities so as to compete with the international standards in the field of education.

## **OFFICE OF THE STUDENTS' ADVISOR**

"Students' Affairs office" is responsible for maintaining discipline among students. This office also provides help in academics, career planning, self-reflection and exploration of options and resources.

In addition, each department has a students' advisor, whose job is to coordinate and execute curricular and co-curricular activities, particularly students' week, which is celebrated every year.

## **OFFICE OF THE FOREIGN STUDENTS' ADVISOR**

### **INTRODUCTION**

The University of Karachi is equally popular among international students who come from different countries to seek higher education in Pakistan. The diversity of degrees offered in various disciplines along with an affordable fee structure at the University of Karachi attracts foreign students from both developing and developed countries every year. The university is proud to have produced hundreds of graduates from African, Middle-East, South Asian and South-east Asian countries. Around 80 students from Comoros, China, Eritrea, Iran, Kenya, Nepal, Palestine, Somalia, Sudan, Syria, Turkey, and Yemen are currently studying in different departments at the University of Karachi. The presence of students from diverse cultures and nationalities not only promotes tolerance but also provides the platform for cross-cultural communication.

Admissions to students from abroad are made under two categories, one on "self-finance" and other under "Pakistan Technical Assistance Program (PTAP)" where the eligible candidates' tuition fee is subsidized (Note: Fee structure is different for Science, Pharmacy and Arts & Social Science faculties) and is uploaded on the official website of the University of Karachi. Admissions under PTAP scheme are routed through Pakistan's diplomatic missions abroad through advertisement and their respective missions.

The office of the Foreign Students' Advisor has been established to guide foreign students about the admission process and to facilitate them when they get enrolled in the degree programmes and certificate/diploma courses offered at the University of Karachi. Apart from facilitating foreign students in the admission process, they are also provided the opportunity to participate in different co-curricular activities during students' week every year. The Office of the Foreign Students' Advisor organized a special event to celebrate Pakistan's Independence Day with foreign students studying at the University of Karachi in August 2019. Besides organizing different events for foreign students, the office of the Foreign Students' Advisor assists in resolving foreign students' issues that arise because of language barrier.

### **LANGUAGE COURSES FOR FOREIGN STUDENTS:**

In order to help foreign students communicate with the locals, an Urdu language proficiency course is organized for them with the help of Urdu department so that they can effectively communicate with the supporting staff and other locals both inside and outside the campus. Moreover, a Remedial English language Proficiency Course has been exclusively designed for foreign students with limited language proficiency in English. The course is designed for all those foreign students who will be admitted in the University of Karachi in 2020, and have less than 5 bands in IELTS.

### **ADMISSION POLICY**

A detailed document based on the admission policy for foreign students along with the official notification of their fee structure is uploaded on the official webpage of the University of Karachi: [www.uok.edu.pk/administration/ Foreign Students' Advisor office](http://www.uok.edu.pk/administration/Foreign%20Students%20Advisor%20office).

**CONTACT DETAILS:**

The Office of the Foreign Students' Advisor, Ground Floor, New Administration Building.  
Official Email Address: foreignersa@uok.edu.pk Telephone Ext: 2554 Direct Number: 02199261330

**STUDENTS' GUIDANCE, COUNSELING & PLACEMENT BUREAU (SGCPB)**

**This office has the following major responsibilities:**

**A) GUIDANCE & COUNSELING**

Guiding the students to attain professional competence is the pursuit of this office. Students can get information regarding the scope of their subjects and the job market available to them after obtaining their degrees. The SGCPB organizes various courses for Karachi University Students as well as students from within Pakistan and abroad. Tips are given to students regarding personal, social, psychological, ethical, and cognitive development.

**B) PLACEMENT**

The office plays an active role in the placement of students in different industries and other offices. The office has also maintained Annual Graduate Profile followed by organizing a Job Fair on the campus.

**DISCIPLINARY COMMITTEE**

The disciplinary committee consists of the members as mentioned in section 11 of the first statute framed under section 47 of the University Code. The Committee follows the procedure as provided in the above mentioned section. The committee is authorized to take the following actions against a candidate in case, if she/he is found indulging in subversive activities, committing any act of misconduct or acting in utter disregard of rules/regulations or acting against the interest of the state:

- Cancellation of the admission
- Impose fine
- Recommend penal action and,
- Report to the relevant authorities in case of candidate found indulging in subversive activities.

**STUDENTS' FINANCIAL AID OFFICE (SFAO)**

Despite the financial constraints, the University provides fee concession and scholarship to deserving students. The SFAO, situated in room # 2 at ground floor of the old Administration Block, provides the following financial facilitation to the regular (morning program) students of the University:

- Financial assistance to the deserving students from the university's own resources i.e. Fee concession.
- Need-based scholarship including monthly maintenance grant to deserving students through Higher Education Commission, Islamabad.
- USAID fellowship for needy undergraduate, graduate and post-graduate Students of Arts & Social Sciences Departments.
- Merit based scholarships from foreign companies / trusts / foundations: Mitsubishi Corporation International Scholarship, Japan.

- Fellowship program from POSCOT J Park Foundation, Korea.
- Merit-cum-Need-based scholarship program from different donor agencies, Alumni Trust, **Philanthropists:** Karachi University Alumni Trust, JSTQ Foundation England Scholarship, Syeda Mubarak Begum Scholarship, Bismillah Bibi Scholarship, Al-Rehman Welfare Trust Scholarship.
- Interest-free loan schemes for morning and evening students through Ihsan Trust's Qarz-e-Hasna loan scheme.

## **LIBRARY**

The central library which was built in 1964 is situated behind the main administration block. In recognition of the services of the former Vice Chancellor, the library was renamed as "Dr. Mahmud Husain Library" in 1976. It is housed in a six-story building including a huge basement. This library is one of the largest libraries in the country. The collection comprises 5,00,000 books, periodicals, references, handbooks, encyclopedias, government and archive documents dating back to 1600s.

The library proudly owns the personal book collection of Quaid-e-Azam Muhammad Ali Jinnah, the founder of Pakistan. Moreover, each department and institute has its own seminar library that contains books related to their specific disciplines.

## **LATIF EBRAHIM JAMAL (LEJ) DIGITAL LIBRARY**

This high-tech library provides updated access to e-books and journals.

## **BOOK BANK**

The circulation section of the central library provides students with the facility to borrow books for one academic year. The books are issued after validation of the students' identity cards. The borrowed books are required to be returned to the Book Bank at the end of the academic session.

## **UNIVERSITY BOOK SHOP**

The University Book Shop is situated at the back of the central library, from where students can also buy files, folders, greeting cards, wrapping sheets, papers, graph books, practical journals, and other stationery items at reasonable rates.

## **CENTRALIZED SCIENCE LABORATORY**

The centralized Science Laboratory is well-equipped with modern and state of the art equipment. The aim of this laboratory is to facilitate research in different fields of science.

## **CAFETERIAS**

The campus has one centralized cafeteria where students from different disciplines often gather and get the opportunity to exchange ideas with each other. Beside this, there are many other small canteens and food outlets situated on the campus where food and drinks are available at affordable price.

### **ACCOMMODATION**

The University also provides the facility of on-campus boys' hostel but only for international students. The female international students are accommodated in a separate girls' hostel. A limited accommodation is available for local female students coming from different cities of Pakistan on first-come-first-served basis. If they are desirous of availing themselves of the facility of accommodation they should submit an application along with the admission form before the admission. Further information regarding accommodation facility may be obtained from the Provost of the hostel. The university also plans to establish a dormitory for MS/Ph.D. students.

### **TRANSPORT**

The University provides limited pick & drop facility to its students from designated stations in the city. Schedule of routes is announced at the beginning of each semester by the Transport Office and is also available on the official website.

### **SPORTS:**

The University offers comprehensive inter-university, inter-provincial and international level sports activities. Apart from grounds for cricket, hockey and football, a well-maintained gymnasium provides facilities for indoor games such as table tennis, basketball, volley ball and badminton.

### **HEALTH CARE:**

The university has a clinic with five medical officers and well-trained paramedical staff. In case of an emergency, first aid is readily available.

### **SARDAR YASIN MALIK PROFESSIONAL DEVELOPMENT CENTRE:**

**SYMPDC** is a skill development training centre. The mission of the centre is to impart quality training to professional leaders in the industrial/ corporate sectors. The courses are conducted by competent and experienced resource persons in a well equipped facility.

Professional development of human resource is the core objective of this centre. It holds training workshops, conferences, interactive sessions and e learning programs on diversified topics for capacity building of the staff, students and professionals.

The skill enhancement programs offered at **SYMPDC**, University of Karachi, ensure that both academic and practical qualifications do not become obsolete and everyone regardless of age, education level or occupation gets an opportunity to up-skill or re-skill themselves.

## **STUDENT SOCIETIES AT UNIVERSITY OF KARACHI**

The Student Societies of the University of Karachi were established in October 2018 to help students engage in activities that would help them reach their full potential by active and positive social engagements. These societies have functioned under the supervision of Students' Advisor Office since their establishment. All the student societies namely, Arts and Culture Society, Theatre and Drama Society, Debate and Discussions Society, Civic and Social Responsibility Society, Music Society and Sports Society, have actively participated in regional, national and international competitions representing Karachi University and have made the University of Karachi proud of their achievements.

### **ARTS AND CULTURE SOCIETY**

The vision behind establishing Arts and Culture Society is to bring all forms of Art, Literature and Cultures together in order to cultivate peace and tolerance not only on the campus but to bring about change of the societal level. ACS gives space to every culture and ideology and celebrates all forms of art. Some major events organized by ACS engaging students in positive activities include Art Baithaks, Creative Writing Workshops, Literary Baithaks, Photography, Painting Competitions and Comic Book Launch.

The idea behind staging such events was to introduce the culture of tolerance, develop interest in our own literature, art and culture, as Karachi University is not only about academic activities, the University provides a platform to students to find their talents and use them as per their choice.



Students engaged in activities of art including pottery making, mural art, screen painting, open mic etc at Art Baithak, organized by Arts and Culture Society.



Students were introduced to the art of Dastan Goi, Comedy, and Fine arts at Art Baithak organized by Arts and Culture Society.

Art is a diverse range of human activities in creating visual, auditory or performing artifacts/artworks, expressing an author's imaginative, conceptual ideas, or technical skills, intended to be appreciated for their beauty or emotional power and University of Karachi provides opportunities to students to engage in such activities.



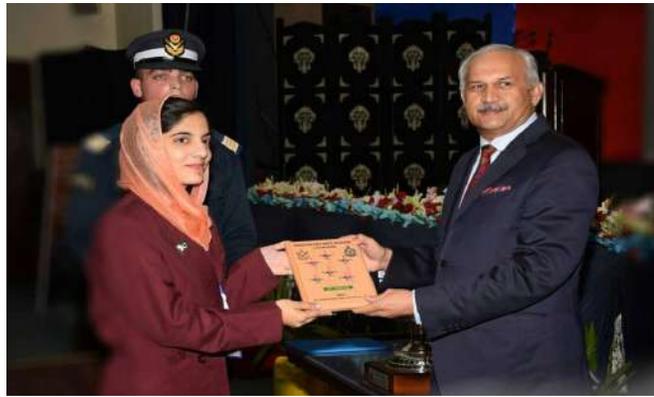
Painting and poster competitions organized by ACS. Students engaged in different workshops of Poster Making, Creative Writing and Literary Baithak sessions at the University of Karachi.

### **KARACHI UNIVERSITY DEBATING SOCIETY**

Karachi University Debating Society promotes debates and discussions while teaching students the art of public speaking. It provides a platform to students in order to polish and showcase their speaking skills so that transformed makes are into great future leaders. The students of Karachi University trained have participated in different public speaking contests at city, provincial and national levels and have been brought laurels to its name. Some recent contests include; APDC PAF Academy Risalpur 2018, Pakistan Marine Academy APDC 2018, Degree College for Women APDC Contest 2018 & 2019, The Great Debate British High Commission 2018, Sindh University Jamshoro All Pakistan Trilingual Declamation Contest 2019, ZAB IV All Karachi Parliamentary Debate Contest 2018, KEMU All Pakistan Bilingual Declamation & Parliamentary Debate Contest 2018.



Independence Anniversary Inter varsity Competitions, a three day event organized by KUDS under the supervision of the Office of Student Advisor University of Karachi.



Moomal Aziz, Student of Karachi University receiving award from Air Chief, Marshal Mujahid Anwar for winning APDC PAF Academy Risalpur 2018



Students of Karachi University holding the Champions Trophy in All Pakistan Declaration Competition at Khyber Medical College



Winning moments of the members of KUDS at various National and Regional level contests in Debate and Declamation Championships.

## **KARACHI UNIVERSITY THEATER AND DRAMA SOCIETY**

Karachi University Theater and Drama Society aims to indoctrinate and revive the culture of theater and drama for the positive change in society. It provides a platform to students in order to conceive and play dramas on different aspects of life. The objective of this society is to produce excellent and innovative student theaters that would help educate the masses while at the same time developing dramas and theatres that would help spread messages that are hard to diffuse otherwise. The Society is dedicated to facilitate the ideas of students encouraging them to play their part in positive development of society. The society has organized various events of dramas and is proud of representing Karachi University in different events related to dramas organized by other universities all over Pakistan.



The Students of Theater and Drama Society engaged in various training sessions and presenting their performance at the University.



Winning performance of TDS in a theater competition at PACC



Students performing at Karachi University Theater Festival, organized by KUTDS.

## CIVIC AND SOCIAL RESPONSIBILITY SOCIETY

CSR Society of University of Karachi is built to contribute in sustainable development by delivering social services that include environmental and educational benefits. The CSR society has organized various seminars, workshops, activities as well as internship programs for the students of Karachi University.



The road safety awareness campaign organized by CSR.



Students of CSR Society engaged in various seminars and Internship programs organized by CSR society.

## MUSIC SOCIETY

The aim of the Music Society is to create a music community that is rich in cultural, social, and intellectual diversity. The society supports the learning process of young musicians, improving their aptitude and competence, guiding students in their pursuit of making music while at the same time producing national songs and songs on personalities like Quaid-e-Azam, Allama Iqbal and others. The Music Society has recently released a national song, a first ever from the platform of the University of Karachi. The song "Aay Paak Watan" is doing very well on local charts.



A successful music recital Baaraadari Orchestra organized by Music Society to bring the music of all cultures together on a single stage.



Members of Music Society engaged in jamming sessions, vocal and guitar classes.



KUMS Performing its first original National Song at Marriott Hotel and receiving an award of appreciation by the VC, Prof. Dr. Khalid Mehmood Iraqi.

## **SPORTS SOCIETY**

The Sports Society is committed to promote healthy sporting habits among the students and develop the ability to learn teamwork, coordination among diverse cultural & ethnic groups it mainly infuses discipline & instills value system in individuals. The society aims improve mental and physical strength of students by healthy practices and competitions.



Students playing at four-day Intersarsity Futsal tournament 2019, organized by Sports Society, UoK.

# FACULTY OF ARTS & SOCIAL SCIENCES



## Department of

# Arabic

### Introduction

The department of Arabic University of Karachi, was established in 1955. Since its inception the department is enjoying the patronage of renowned scholars of international repute. From the outset, the Department started functioning under the auspicious headship of the renowned scholar Professor Allama Abdul Aziz Memoni. The department has a highly qualified faculty engaged in the dissemination of knowledge.

The cautiously chosen syllabus considering the demands of the students and the existing period, offers excellent study of the ancient times and the contemporary era. It is indeed a confluence of ancient and modern Arabic Literature, Language and Linguistics. Besides academic activities, co-curricular activities are also arranged like, debates, study tours, picnics and other events to enhance and polish the abilities and talent of students. At present forty-two (42) courses of Arabic Literature, Language and Linguistics are offered including computer and research methodology.

### Facilities

The Department offers a number of facilities to its students so that they pursue their studies in a very conducive environment equipped with latest technology. It has a well stocked seminar library on a variety of subjects, a Computer Lab equipped with computers of latest version with internet facility, and modern Audio Visual Aids.

### Career Opportunities

The degree in Arabic would prove to be a key of success opening the doors of diversified fields such as teaching, translation, (academic, diplomatic and commercial etc.) and electronic media as well.

### Faculty Members

#### Assistant Professors

- Ms. Fatema Zainab (*In Charge*)
- Dr. Asif Saleem
- Dr. Muhammad Imran Latif Khokar
- Dr. Muhammad Abdul Hameed Nabeel
- Dr. Muhammad Faezul Ebraar
- Dr. Aziz ur Rehman

#### Lecturer

- Mr. Abdullah M. Yousuf Khan

### Programs Offered

- B.A. (Hons.)
- M.A.
- M.Phil.&Ph.D.
- Certificate Course (Arabic)
- Diploma in Qur'anic Arabic
- Diploma in Contemporary Arabic
- Post Graduate Diploma in Functional Arabic (PGD)

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2273

**Website:** [www.uok.edu.pk/faculties/arabic](http://www.uok.edu.pk/faculties/arabic)

**Email:** [arabic@uok.edu.pk](mailto:arabic@uok.edu.pk)

Department of

# Bengali

## Introduction

Established in 1953, the department of Bengali at the University of Karachi offers regular programs at graduate and post graduate levels. These programs enable students to develop a meaningful understanding and appreciation of Bengali literature and its history beginning from the ancient to modern era.

## Facilities

There are about 2000 books on Bengali literature in the seminar library.

## Specific Research Areas

The students are required to produce research at various levels, ranging from short assignments to the optional final year thesis.

## Career Opportunities

Students who graduate from this department are competent enough to enter the teaching profession for the subject of Bengali at primary as well as higher education levels. Furthermore, opportunities of working in a Bangladeshi banking sector, including Arif Habib Rupali Bank, and in various government departments are available to them. They may also go for research, or work as translators and interpreters.

## Faculty Member

### Professor

- Dr. Mohammad Abu Tayyub Khan  
(Chairman)

## Programs Offered

- B.A. (Hons.)
- M.A.
- Bengali Certificate Course

## For Further Enquiry

Telephone: 99261300-06 Ext- 2319

Website: [www.uok.edu.pk/faculties/bengali](http://www.uok.edu.pk/faculties/bengali)

Email: [bengali@uok.edu.pk](mailto:bengali@uok.edu.pk)

## Department of

# Criminology

### Introduction

Masters program in Criminology was initiated in 1995. Dr. Naseer A. Shaikh, Dr. Abdul Wahab, Dr. Muhammad Shoaib Suddle, Prof. Shamim Hashmi, Dr. Fateh Muhammad Burfat, and Mr. Jameel Yousuf were the pioneers of the program. The program was upgraded and the Department of Criminology was established in 2014. The major objective of the program is to provide the students with hands-on training in the specialized fields of criminology such as control of violence and terrorism, forensic criminology, policing, security, criminal investigation, juvenile justice system, organized crime, money laundering, fraud and drug abuse related issues.

### Facilities

Since the Department of Criminology is a relatively new department, efforts are being made to develop well-equipped Forensic, Computer Laboratories and Seminar Library

### Career Opportunities

Criminologists are employed in Police, Military, Intelligence Agencies, National Accountability Bureau, national and international NGO's and are also working as Parole and Probation Officers, Juvenile Court Workers, Criminal Investigators, Security Experts, Crime Reporters, Correctional Counselors, and Rehabilitation Counselors etc.

### Faculty Members Associate Professor

- Dr. Ghulam Muhammad Burfat (*Chairman*)

### Assistant Professor

- Dr. Naima Saeed

### Programs Offered

- B.A.(Hons.) (Morning & Evening)
- M.A. (Morning & Evening)
- M.Phil.&Ph.D.

### For Further Enquiry

**Telephone:** 99261300-06, Ext-2583

**Website:** [www.uok.edu.pk/faculties/criminology](http://www.uok.edu.pk/faculties/criminology)

**Email:** [gmuhammad@uok.edu.pk](mailto:gmuhammad@uok.edu.pk)

## Department of

# Economics

## Introduction

The department of Economics is one of the largest departments in the Faculty of Social Sciences. It was established in 1950-51 with the enactment of the University of Karachi Act, at the old campus in the city, and was later shifted to its present location in 1960. Professor Newman Joseph Adams, an American national, was appointed as the first Chairman of the department. Due to its academic stance the department of Economics has the distinction of being recognized as a premier department in the country. Many of its graduates, have had secured key positions at various national as well as international organizations. It is because of these standards that the department was accorded with the honor of establishing a center of national capability in Economics by the name of "Applied Economics Research Center" through a grant from the Sindh Government.

## Facilities

The seminar library has a good collection of books and periodicals related to Economics, Finance and Transport, In order to fill the gaps, inter-library books borrowing and lending facilities are also available with other major libraries in the city. The department has two well-equipped computer labs.

## Specific Research Areas

The research interest of the teaching faculty includes: International / Global Economics; Monetary Economics; Islamic Economics; Innovation & Productivity; Globalization Economics Growth; Development Economics; Banking & Finance; Human Resource Management and Financial Economics.

## Career Opportunities

Graduation from Economics Department provides an opportunity of fresh graduates to secure respectable positions in various national and international institutions. They include State Bank of Pakistan; Planning Commission; Ministry of Finance & Economics Affairs; national and private banks; research institutions and finance & brokerage companies; teaching positions in universities and colleges; and mid-career level managerial positions in national and multinational companies.

## Faculty Members

### Professors

- Dr. Khalid Mustafa
- Dr. Abdul Waheed
- Dr. Roohi Ahmed (*Chairperson*)

### Associate Professors

- Dr. Nooreen Mujahid
- Dr. Rummana Zaheer

### Assistant Professors

- Dr. Rubina Hassan
- Dr. S. Wiqar Hussain
- Mr. Syed Muhammad Ali
- Dr. Muhammad Ahsanuddin
- Ms. Seema Siddiqui Hai
- Dr. Safia Qamar
- Mr. Mirza Muhammad Shehzad
- Ms. Saba Masood
- Dr. Lubna Naz
- Mr. Muhammad Haseeb
- Dr. Zeeshan Atique

### Lecturers

- Ms. Rabia Shakir
- Mr. Muhammd Umair

## Programs Offered

- B.A./B.Sc. (Hons.)
- M.A./M.Sc.
- M.E.F.
- PGDEF (Evening only)
- M.T.M. (Evening only)
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2270

**Website:** [www.uok.edu.pk/faculties/economics](http://www.uok.edu.pk/faculties/economics)

**Email:** [economics@uok.edu.pk](mailto:economics@uok.edu.pk)

## Department of

# English

### Introduction

The department of English was established in 1955. It was located in Shivjee Murarji building in Nanakwara. Later in January 1960 when the university moved to its present location, the department was housed on the first floor of the Old Block in the Faculty of Arts, now called the Faculty of Arts & Social Sciences. Professor Dr. Ahsan Farooqui was the first head of the department. Prof. Dr. Ali Ashraf, Prof. Maya Jamil, Prof. Dr. Muzaffar Hussain, Prof. Dr. Kalim-ur-Rahman, Prof. Rafat Karim and Prof. Dr. Kaleem Raza Khan were among notable chairpersons. Prof. Dr. Kaleem-ur-Rehman had also served as the Dean, Faculty of Arts and Social Sciences, while Prof. Dr. Kaleem Raza Khan, had also served as the Registrar, University of Karachi. Among the Faculty, the late Prof. Maki Kureshi was one of the internationally reputed Pakistani English poets. Prof. Amberina Mehmood Kazi was also one of the most respected chairpersons who served in the Department. The Department offers masters programs in both English literature and linguistics in the Morning as well as the Evening Program. There are also M.Phil. & Ph.D. programmes offered by the Department of English.

### Facilities

- Department Seminar Library
- Audio-Visual Lab
- Cassettes Library for the Blind

### Specific Research Areas

- Early Modern English Literature
- American Literature
- Literary Theory
- Romanticism
- Comparative Literature
- English Syntax
- World Englishes
- Sociolinguistics
- Discourse Analysis
- Postcolonial Literature and Criticism
- TESL

### Career Opportunities

Students of the Department of English have entered a variety of vocational fields. Some of these fields are: CSS, Advertising, Media (TV, Radio, Newspapers, Magazines, etc.) Banking, Business, Teaching, Educational Administration, Research, Translation, to

mention only a few. Excellent job opportunities are available for the students of English Department in the country and abroad.

### Faculty Members

#### Professor

- Dr. Farhana Wazir Khan

#### Associate Professor

- Dr. Iftikhar Shafi (*Chairman*)

#### Assistant Professors

- Ms. Nishat Wasim
- Ms. Huma Shakir
- Ms. Lubna Shaheen
- Mr. S.M. Tayyab Zaidi
- Dr. Shumaila Shafket Ali
- Dr. Faisal Nazir
- Mr. Wajdan Raza
- Dr. Bushra Ahmed Khurram
- Ms. Ibtesam Afreen

#### Lecturers

- Ms. Lubna Hasan
- Mr. Muhammad Babur Khan Suri
- Mr. Muhammad Moonis Azad
- Mr. Syed Farhan Shaukat
- Mr. Abdul Basit

### Programs Offered

- B.A. (Hons.)
- M.A.
- M. Phil.&Ph.D.

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2268

**Website:** [www.uok.edu.pk/faculties/english](http://www.uok.edu.pk/faculties/english)

**Email:** [english@uok.edu.pk](mailto:english@uok.edu.pk)

Department of

# History

## Introduction

Department of History, established in 1953, is one of the oldest departments of Karachi University. The department had the world renowned scholars such as Dr. Mahmood Hussain, Dr. Riazul Islam and Dr. M. H. Siddiqui as its pioneers.

## Facilities

- Dr. I.H. Qureshi Memorial Library
- Raizul Islam Audio Visual Center
- Teaching Museum
- Internet facility for research students

## Specific Research Areas

Medieval History, Modern/Contemporary History, Archeology, History of Sindh, Socio-Economic modern history, history of conflict and public policy demography.

## Career Opportunities

In terms of jobs after graduation, students can work in Media research organization, NGO's and can even work as civil servants after qualifying in competitive exams (CSS, PSC etc.).

## Faculty Members

### Professors

- Dr. S. M. Taha
- Dr. Nasreen Afzal (*Chairperson*)

### Associate Professor

- Ms. Nargis Rasheed

### Assistant Professors

- Dr. Hina Khan
- Dr. Kiran Shahid Siddiqui
- Dr. Muhammad Moiz Khan
- Dr. Farah Deebe Mansoor
- Dr. Humiera Naz
- Ms. Kishwar Khan
- Dr. Abdul Jabbar Khan
- Dr. Samra Sarfaraz Khan

### Lecturer

- Ms. Mahreen Jamal

## Programs Offered

- B.A. (Hons.)
- M.A.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2272

**Website:** [www.uok.edu.pk/faculties/generalhistory](http://www.uok.edu.pk/faculties/generalhistory)

**Email:** [genhist@uok.edu.pk](mailto:genhist@uok.edu.pk)

Department of

# International Relations

## Introduction

The Department of International Relations is the oldest Department in the field of International Relations in Pakistan and the third oldest in South Asia. It was established in 1958 and is proud of offering B.A./M.A./M.Phil. and Ph.D. programs. More than 700 students are studying at the undergraduate and graduate level both in its morning and evening programs. Since its inception, the Department of International Relations has been active in organizing international and national conferences, seminars and workshops.

## Facilities

The Department has a seminar library, which stocks more than 4000 books and also subscribes 15 research journals related to different areas of study. The Department has a well-equipped computer lab, which provides access to online research journals and databanks to facilitate the research activities.

## Specific Research Areas

The faculty of International Relations consists of highly qualified teachers. They have expertise in the area of International Relations Theories, Security Studies, Peace Studies, International Law, Human Rights, Confidence Building Measures, Arms Control and Disarmament, Terrorism, Environmental Studies, Conflict Resolution, South Asia, Middle East, North America, and Russian & Central Asian Studies.

## Career Opportunities

Graduates of the Department have vast opportunities of employment in different fields, including media, research institutions, Foreign Embassies, civil services, banks and universities.

## Faculty Members

### Professor

- Dr. Shaista Tabassum

### Associate Professors

- Dr. Naeem Ahmed (*Chairman*)
- Dr. Farhan Hanif Siddiqui

### Assistant Professors

- Dr. Syed Amir Hameed
- Dr. Nausheen Wasi
- Mr. Fahimuddin
- Mr. Muhammad Faisal Awan

### Lecturer

- Mr. Amjad Ali

## Programs Offered

- B.A. (Hons.)
- M. A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2274

**Website:** [www.kuird.edu.pk](http://www.kuird.edu.pk)

**Email:** [ir@uok.edu.pk](mailto:ir@uok.edu.pk)

Department of

# Islamic History

## Introduction

Department of Islamic History may be regarded as one of the oldest departments in Karachi University. It was established in 1953 with a view to provide facilities for advanced studies and original research in the field of Islamic History and culture.

## Facilities

The seminars library possesses a collection of about 2700 books. It provides reading and research facilities to the students of Islamic History.

## Specific Research Areas

All aspects and periods of Islamic History.

## Career Opportunities

There is a great scope for the students of Islamic History in the fields of Social Sciences, Political Science, International Relations and Sociology. They have a very bright future in the professions of teaching and media.

## Faculty Members

### Associate Professors

- Dr. Muhammad Zubair (*Chairman*)
- Dr. Zeba Iftikhar
- Dr. Muhammad Sohail Shafiq

### Assistant Professors

- Dr. Sofia Farnaz
- Dr. Farzana Jabeen
- Dr. Farah Naz Saleem
- Mrs. Surayya Shaheen
- Dr. Sameena Hasnain
- Dr. Uzma Perveen
- Dr. Humera Naz
- Dr. Muhammad Faisal Hasan

## Programs Offered

- B.A.(Hons.)
- M. A.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2276

**Website:** [www.uok.edu.pk/faculties/islamichistory](http://www.uok.edu.pk/faculties/islamichistory)

**Email:** [islamichistory@uok.edu.pk](mailto:islamichistory@uok.edu.pk)

Department of

# Library and Information Science

## Introduction

Department of Library Science, established in 1956, was the first ever to offer a professional degree in Pakistan. Masters in Library Science (M.L.S.) has been offered since 1962. Since 1982 the Department has been known as the Department of Library and Information Science, and information control / management became an integral part of the studies. Computer lab for practical training was established in 1984. Ph.D. Program of the Department was initiated in 1967.

The founder Chairman, Dr. Abdul Moid was the first Ph. D. holder in Library Science from the USA (1964). He was also the Chief Librarian of Karachi University Library (presently Dr. Mahmood Hussain Library). The Seminar library of the Department, inaugurated in 1985, is named after him.

## Facilities

The Department of Library and Information Science has a well-stocked seminar library, a practical lab for cataloguing and classification and well-equipped computer lab having 34PCs with the facility of networking and Internet. Multimedia, slide projectors, sound system and other equipments are available for academic and co-curricular activities.

## Specific Research Areas

Research is actively pursued by the faculty in their respective fields of interest. The students are also required to produce research at various levels, ranging from short assignments to the optional Final year thesis.

## Career Opportunities

As knowledge and information is needed by everyone everywhere, all types of academic / research/ professional institutions need librarians. The need of a trained person to control and to search relevant information in modern times has become a necessity. Opportunities for outgoing students are open in public and private sector and packages offered are better in comparison to other professions. In government offices, BLIS / BS degree holders are offered 16/17 (BPS) and MLIS 17 (BPS) and above.

## Faculty Members

### Associate Professor

- Dr. Munira Nasreen Ansari (*Chairperson*)

### Assistant Professors

- Dr. Farhat Hussain Khan
- Dr. Naveed-e-Sehar
- Dr. Rifat Parveen Siddiqui
- Dr. Muhammad Waseem Zia

### Lecturers

- Mr. Rashid Ali
- Ms. Rabia Aslam

## Programs Offered

- B.A. (Hons)
- BLIS
- MLIS  
(Students who have completed their BLIS and MLIS are awarded separate degrees for each programme)
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2249

**Website:** [www.dlisuok.edu.pk](http://www.dlisuok.edu.pk)

**Email:** [dliis.uok@gmail.com](mailto:dliis.uok@gmail.com)

Department of

# Mass Communication

## Introduction

Established as the Department of Journalism in 1955 with a diploma course for working journalists, it was renamed as the Department of Mass Communication in 1985. The department was established with an aim to produce qualified and trained journalists and media professionals to cater to the growing needs of the media industry. A full-fledged M.A. program replaced the diploma program in 1962 to modernize media education in the country.

## Facilities

The department has six well-equipped labs: teaching and training lab, TV lab, news lab, advertising lab and two computer labs, (one each for Urdu and English). The department runs FM Radio channel which provides a training base in radio broadcasting to the students.

## Career Opportunities

Students have wide ranging job opportunities in the growing industry including media and advertising and public relations. Some of the students conveniently find positions in private sector FM radio and TV channels and print media even before completing their graduation.

At both Bachelors and Masters level the department offers specialization in three different streams;

- Print Media
- Electronic Media
- Advertising and Public Relations

## Faculty Members

### Assistant Professors

- Ms. Samina Qureshi
- Dr. Fouzia Naz *(In Charge)*
- Dr. Sadia Mahmood
- Dr. Asmat Ara
- Dr. Muhammad Osama Shafiq
- Dr. Naveed Iqbal Warsi
- Dr. Syed Azfar Ali
- Dr. Raana Afzal

### Lecturer

- Mr. Naveed Arshad

## Programs Offered

- B.A. (Hons.)
- M.A.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2278

**Website:** [www.uok.edu.pk/faculties/masscommunication](http://www.uok.edu.pk/faculties/masscommunication)

**Email:** [masscommunication@uok.edu.pk](mailto:masscommunication@uok.edu.pk)

Department of

# Persian

## Introduction

The department of Persian was established in 1955 with a view to provide facilities for advanced studies and research in the fields of Persian language and literature with emphasis on the literature produced in the Indo-Pak subcontinent and to familiarize the younger generation of this country with the history, language and literature of Iran. Persian has been the second language of the Islamic World for centuries and is primarily known in Europe for its unique literary tradition which has produced some of the greatest epic, narrative and lyric poems of world literature. It is also known as the lingua franca of the cultural and political elite in the early modern Indian Sub-continent. Though its historical significance alone makes Persian worthy of study, it is also an important Modern Language. Modern Persian has passed through several stages of transformation since the mid nineteenth century, and is a creative, flexible language which has established itself as the national of such geopolitical and economically important countries as Iran, Afghanistan and Tajikistan.

It is also spoken in several neighboring countries, including Bahrain, Uzbekistan and Turkmenistan among others.

Pakistan has a historic relationship with the Persian language and has a rich heritage in this language. To keep in touch with our cultural and literary heritage the teaching of the Persian language is very essential.

## Seminar Library

The Seminar Library has a stock of more than 8000 books and 1500 journals.

## Specific Research Areas

- Persian Prose and Prose Writers
- Persian Poetry and Poets
- Literary History of Persian Language in Iran, Afghanistan and South Asia
- Persian Sufistic Literature
- Persian Language Grammar
- Literary Theories and Criticism

## Career Opportunities

A wide range of opportunities are available to the graduates of the Persian in Public sector organizations and private institutions such as Media, Advertising agencies. Translation and Interpreting Bureaus, Teaching and Research institutions, Foreign and Information Ministries etc.

## Faculty Members

### Associate Professor

- Dr. Shehla Salim Noori (*Chairperson*)

### Assistant Professors

- Dr. Ramzan Bamari
- Dr. Faizeh Zehra Mirza
- Dr. Muhammad Nazir

### Lecturers

- Mrs. Faiza Khatoon
- Ms. Bilquees

## Programs Offered

- B.A.(Hons.)
- M. A.
- M. Phil. & Ph.D.
- Persian Certificate (Language Course)
- Persian Certificate (Historical text)
- Diploma Course (Persian language)
- Diploma course (Historical text)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2280

**Website:** [www.uok.edu.pk/faculties/persian](http://www.uok.edu.pk/faculties/persian)

**Website:** [persian@uok.edu.pk](mailto:persian@uok.edu.pk)

## Department of

# Philosophy

## Introduction

The Department of Philosophy was founded in 1952. It is the first department that came into existence in the faculty of Arts initially (now the faculty of Arts Social Sciences) University of Karachi. Prof. Dr. M. M. Ahmed, a man of saintly wisdom and philosophical acumen, was the founder Chairman of the department. From the very beginning, the department has remained committed to fostering a wide variety of philosophical approaches and has gradually evolved towards developing links between philosophy and other disciplines. The members of its teaching staff include Professors, Associate Professors, Assistant Professors and Lecturers. All teachers are strongly committed to teaching and research and have contributed through their publications, significantly in the advancement of learning. Moreover, its senior faculty members have also served on important positions of responsibilities in other areas.

Philosophy Department is committed to a variety of approaches. Research pursued by its faculty members and students involves living issues from History of Philosophy, Meta-Logic, Phenomenology, Existentialism, Ethics, Analytical Philosophy, Concept of Self; Post Modernist Thought, Islamic Modernism, Philosophical Anthropology, Critical Theory, Hermeneutics, Philosophy of Art, Philosophy of Mind, Pragmatism etc. The department has sufficient human resources to produce high quality researchers in the field of Philosophy of Science, Hermeneutics, Analytical Philosophy, Political theory and Philosophy of Law, Post-modern Philosophy, Muslim Philosophy and Aesthetics Bio-ethics etc.

## Facilities

- Seminar Library
- Philosophy Research Centre/Computer Lab for M. Phil.&Ph.D. Students.

## Specific Research Areas

- Hermeneutics
- Muslim philosophy
- Phenomenology
- Postmodernism
- Philosophy of art & literature
- Philosophy of language
- Political philosophy
- Consciousness studies
- Philosophy of mind
- Philosophy of Education

## Career Opportunities

Career Opportunities for students of philosophy include teaching, research, journalism, law government jobs, and all the other disciplines that incorporate humanities and social science graduates and researches.

## Faculty Members

### Professors

- Dr. Abdul Wahab Soori
- Dr. Abdul Raheem Afaqi (*Chairman*)
- Dr. Zulfiqar Ali

### Assistant Professors

- Dr. Abdul Khaliq Aboya
- Dr. Alam Shah
- Dr. Muhammad Ateeq
- Mr. Amjad Ali
- Mr. Irfan Muhammad
- Dr. S. M. Mehboobul Hasan Bukhari

### Lecturer

- Ms. Safia Bano

## Programs Offered

- B.A. (Hons.)
- M.A.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2271

**Website:** [www.uok.edu.pk/faculties/philosophy](http://www.uok.edu.pk/faculties/philosophy)

**Email:** [philosophy@uok.edu.pk](mailto:philosophy@uok.edu.pk)

Department of

# Political Science

## Introduction

The department of Political Science was established in 1952. It has since then offered programs for the award of research degrees of M. Phil. and Ph.D. in Political Science and its allied fields.

The Department of Political Science has been actively engaged in playing an important role in the overall development of the University. It has been the mother of the Department of International Relations, Sociology and Public Administration. At present, the department is second in the Faculty of Social Sciences, after Economics, in terms of the number of students enrolled.

## Facilities

The department has a fully functional Seminar Library with over 2000 books. Most of the books are recent publications in the subject in both English and Urdu. The library also offers dailies, periodicals and research journals for reading to its students. Moreover, there is a well-equipped specialized seminar library with latest books and periodicals in all the areas relevant to Public Policy. The Library maintains a reference section which has a collection of books for ready reference.

## Computer Lab

The Computer Lab is equipped with high speed computers, printers and scanner facilities. These computers are networked with a server and a stand by server. Audio/ Visual aids including multimedia option are used during presentations/lectures. Internet access is also available to the students.

## Specific Research Areas

Global Politics, Political Economy, International Relations, Comparative Politics, Islamic Political System, Government and Politics of Pakistan, Western Political Theory, Foreign Policy Theory and practice with reference to India, USA, UK, China and the Muslim countries.

## Career Opportunities

In addition to teaching and research positions in academic settings, Political Science degree holders are prepared for careers at all levels of government as well as journalism, International business, International risk analysis and Political campaign organization. Their

survey skills of and analytical skills of statistics are in high demand both in public and private sectors. Their knowledge and scientific education on current affairs, both national and international, cater to the needs of the job market especially competitive exams.

## Faculty Members

### Professors

- Dr. Nusrat Idrees
- Dr. Samina Saeed
- Dr. Summer Sultana (*Chairperson*)

### Associate Professor

- Dr. Muhammad Ali

### Assistant Professors

- Dr. Muhammad Kamran Khan
- Dr. Syed Shameel Ahmed Qadri
- Mr. Mehboob Hassan Muqaddam
- Dr. Suwaibah Qadri
- Dr. Shahla Tehseen

## Programs Offered

- B.A. (Hons.)
- M.A. in Political Science
- M.A. in Public Policy (MPP)
- Diploma in Local Government (Evening)
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2347/2342

**Website:** [www.uok.edu.pk/faculties/politicalscience](http://www.uok.edu.pk/faculties/politicalscience)

**Email:** [politicalscience@uok.edu.pk](mailto:politicalscience@uok.edu.pk)

## Department of

# Psychology

## Introduction

The department of Psychology came into existence in 1954 under the Chairmanship of Professor Dr. Qazi Aslam. It gradually attracted both students and teachers with the result that teaching and research psychologists like Dr. Haseen Uddin Zuberi, Dr. S. M. Hafeez Zaid, Dr. Farrukh Z. Ahmed, Dr. Afzal Imam and Dr. M. Wasim led the department to its present academic heights. It has now become one of the leading departments in the Faculty of Social Sciences.

Since 1956, the teaching and practice of Clinical psychology has enjoyed popularity both amongst teachers and students of the department.

Teachers of the department are also members of the Sindh Psychological Association and the Pakistan Psychological Association. They also act as subject specialists in the Provincial and Federal Public service commission for the appointment of teachers in colleges. Seminars, lectures, mental health camps, conferences and professional development courses, etc. are arranged for the students so that they remain updated with current activities and are able to grow intellectually.

## Facilities

The department's library has a collection of over 800 books. This collection includes latest books, research publications and encyclopedias. The department is fully equipped with audio-visual aids for meeting the instructional needs.

The Department of Psychology is committed to mental health awareness, and offers Psychological Services which include, Assessment Counseling and Psychotherapies to students, faculty, staff members and community at large.

## Specific Research Areas

The Faculty members are actively involved in pursuing important areas in research. Some research topics include: child development relationship, gender issues, community psychology, therapeutic techniques and diagnosis, organizational behavior, consumer behavior, social and psychological issues.

## Career Opportunities

After earning a Masters degree in Psychology (Clinical/ Industrial / Educational / Investigative Psychology), students can pursue careers in any of the following fields:

- Organization
- Clinical Setup
- Educational Institutes
- Law Enforcement Agencies
- The Armed Forces.
- NGOs

## Faculty Members

### Professors

- Dr. Anila Amber Malik
- Dr. Farah Iqbal
- Dr. Qudsia Tariq (*Chairperson*)

### Associate Professors

- Ms. Rubina Feroz
- Dr. Amena Zehra Ali
- Dr. Zi Asma Haneef Khan

### Assistant Professors

- Dr. Anila Mukhtar
- Dr. Bushra Khan
- Dr. Rabia Riaz
- Dr. Samia Masoom Ali
- Dr. Farhan Kamrani

### Lecturer

- Ms. Zahra Barkat Ali

## Programs Offered

- B.A./B.Sc.(Hons.)
- M.A./M.Sc.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2283

**Website:** [www.uok.edu.pk/faculties/psychology](http://www.uok.edu.pk/faculties/psychology)

**Email:** [psychology@uok.edu.pk](mailto:psychology@uok.edu.pk)

## Department of

# Sindhi

### Introduction

The department of Sindhi was established in 1972. It started with a master's program only, but later on Honours, certificate and diploma programs were also introduced.

The Department also offers Sindhi as a compulsory subject in lieu of Urdu in B.A./B.Sc. and B.Com. (Hons) IInd year. Like other Departments of the University of Karachi, Sindhi Department also started BS Four year program and MS/Ph.D. in 2007. Besides this Balochi Language Certificate Programme is also administrated by Sindhi Department. The curriculum is regularly revised and updated by introducing the latest literature so that students can be kept well aware of the latest trends. Regular literary lectures are arranged to inspire the students and to make them aware of practical criticism, and develop skills of expressing their opinion. For the same purpose, scholars and critics are invited as guest speakers. Interaction with literary with literary figures is a regular feature of the department's activities. Moreover, the department also organizes excursions to various historical places for their students' close firsthand interaction with history, thus giving them a chance to triangulate their knowledge from books, observation and their own interpretation.

### Facilities

- Well-stocked seminar library
- Projectors for presentations
- Spacious and well-equipped class rooms
- Auditorium for conference and seminars

### Career Opportunities

The graduates of Sindhi Department find various opportunities for their career growth including teaching at secondary, higher secondary and higher educational institutions. With a boom in media industry, they can also join various electronic and print media agencies.

### Faculty Members

#### Professors

- Dr. Naheed Parveen
- Dr. Abdul Ghafoor Memon
- Dr. Rukhman Gul Palari (*Chairman*)

#### Assistant Professors

- Dr. Sher Muhammad
- Dr. Sajida Parveen

### Programs Offered

- B.A.(Hons.)
- M.A.
- M. Phil.&Ph.D.
- Certificate/Diploma in Sindhi
- Certificate courses in Balochi Language

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2228

**Website:** [www.uok.edu.pk/faculties/sindhi](http://www.uok.edu.pk/faculties/sindhi)

**Email:** [sindhi@uok.edu.pk](mailto:sindhi@uok.edu.pk)

## Department of

# Sociology

### Introduction

The department of Sociology was established in 1960. Sociology is the scientific study of society and human behavior and is the core discipline of social sciences. The study of sociology aims at analyzing the patterns, trends and attitudes of human behavior deriving their causes and predicting the future of the behavioral patterns in society. The areas covered by sociology include, community development, social organization, human management, health and medical aspects, industrial, agricultural, rural and urban development, demography, human rights, social psychology, social structure, economic development and interaction among different people around the world.

This field examines the organizational structure of society and the influence it has on the social, political and religious ideas of the members of a society. It encompasses the study of the organization and business and attempts to analyze the reaction and management of social groups as well as the factors which lead to their breakdown.

Sociological research reveals the multi-faceted nature of social reality; its multiple causes and multiple effects provide us sets of methods suitable for unraveling the complexities of social life. The study of sociology helps us determine which steps are most likely to lead towards the given goals.

To meet the academic demands of society, programs in Criminology and Population Sciences were initiated under the umbrella of the department of Sociology. Graduates from the department have chosen a wide range of careers. Most have excelled in their profession and have joined public and private institutions. The teaching faculty includes experienced Professors, including those with degrees from foreign universities. Research work is a hallmark of the department. Seminars and workshops are important characteristics of the department which are organized frequently.

### Facilities

The seminar library contains over 3000 books, journals, magazines and other national and international periodicals. The department has a well equipped computer laboratory, which provides assistance in almost all aspects of the use of information processing facilities. Ethnological Museum plays a pivotal role in the study of art and culture. It contains more than 500 precious artifacts and serves as a cultural laboratory.

### Career Opportunities

Sociologists are employed in industries, trade, association labor unions, foundations and in research organizations and administration. Newly emergent careers in many programs

have developed in recent years like, Training Program, Foreign aid program Community Development Officer, Humanitarian Organization like UN, national and international NGOs. Furthermore sociologists and criminologists can work as hospital management administrators, Public Administration Assistants, Rural Health Workers, Census Research Assistants, Consumer Researchers, Data Analysts, Demographers, Market Researchers, Statisticians, Survey Research Technicians, Correctional Counselors, Criminal Investigators, Juvenile Court Workers, Parole Officers, Rehabilitation Counselors etc.

### Faculty Members

#### Professors

- Dr. Rana Saba Sultan (*Chairperson*)
- Dr. Sobia Anis Shahzad
- Dr. Nabeel A. Zubairi

#### Associate Professors

- Dr. Naila Usman Siddiqui
- Dr. Kausar Parveen

#### Assistant Professors

- Dr. Munazza Madani
- Mr. Amjed Javed
- Dr. Kaneez Fatima
- Dr. Nousheen Raza

### Programs Offered

- B.A.(Hons.) (Morning & Evening)
- M. A.(Morning & Evening)
- M. Phil.&Ph.D.
- Masters in Population Sciences (Evening)

### For Further Enquiry

**Telephone:** 99261300-06, Ext-2286

**Website:** [www.uok.edu.pk/faculties/sociology](http://www.uok.edu.pk/faculties/sociology)

**Email:** [sociology@uok.edu.pk](mailto:sociology@uok.edu.pk)

Department of

# Social Work

## Introduction

The Department of Social Work was established in 1961 and it has continuously responded to the societal and corporate needs by developing trained professional social workers. The department boasts of having very successful alumni.

The department strives to strike the right balance by creating a strong base of theoretical input combined with a rigorous Industrial /NGO exposure of nearly 12 credit hours, through the fieldwork training which is an important part of the curriculum. Through this training, students are provided opportunities to integrate their theoretical knowledge with the practical world and enquire hands on experience to deal with the variety of complex societal problems as challenges. The students are placed in government and non-government organizations for obtaining knowledge in the fields of community development, school social work, and medical social work. The students of M.A. final year are required to carry out research projects (Thesis) to be submitted at the end of the year.

## Facilities

The Department of Social Work has a well stocked library with more than 1000 books, theses, journals, reports and periodicals. Department is also equipped with Audio Visual Lab recently named as "Abdul Sattar Edhi Research Lab."

## Specific Research Areas

The research activities are related to all the social problems at large. Community development, public health issues as well as institutional studies are allied research areas.

## Career Opportunities

Job placements for social work graduates are:

- Ministry of Social Welfare and special Education
- Women Development
- Bait-ul-Mal Department
- Medical Social Service Projects, CDGK, RCD projects, Jails, etc.
- Ministry of Population Welfare
- Ministry of Labour Welfare
- Educational Institutions
- Research Organizations
- Health Care Organizations

- Administrative positions in National and International NGOs
- Planning and Development organizations
- Urban and Rural Community Development Projects
- Family & Child Welfare
- Criminology and Correctional Administration
- School Social Work

## Faculty Members

### Professor

- Dr. Nasreen Aslam Shah  
(*Dean, Faculty of Arts & Social Sciences*)

### Associate Professors

- Dr. Muhammad Shahid (*Chairman*)
- Dr. Muhammad Nadeemullah

### Assistant Professors

- Dr. Syeda Farhana Sarfaraz
- Dr. Samina Rauf
- Dr. Sakina Riaz
- Ms. Jugnoo Salahuddin
- Dr. Sumaira Ishrat
- Dr. Sabir Micheal
- Dr. Muhammad Arshad
- Dr. Muhammad Faisal Zia

## Programs Offered

- B.A. (Hons.)
- M.A.
- M. Phil.&Ph.D.
- Certificate/Diploma in Social Work (evening)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2284

**Website:** [www.uok.edu.pk/faculties/socialwork](http://www.uok.edu.pk/faculties/socialwork)

**Email:** [sw@uok.edu.pk](mailto:sw@uok.edu.pk)

## Department of Urdu

### Introduction

The department of Urdu officially came into existence in 1955 when the University of Karachi decided to organize postgraduate classes in Urdu under its own management instead of organizing classes through colleges.

At the time of its establishment. Moulvi Abdul Haq, *Baba-e-Urdu* was made honorary Professor and the Chairman of the Department. Teaching responsibilities were carried out by the teachers of local colleges. Later Dr. Ghulam Mustafa Khan, a prominent scholar and Professor at Urdu College Karachi, was appointed both as a cooperative teacher and as the Chairman of the department. In the same year, Dr. Abul Lais Siddiqui was appointed as a Reader and Chairman and Dr. Abdul Qayyum, Dr. Syed Shah Ali, and Qudratullah Fatimi joined as lecturers.

With the valuable efforts and abilities of these teachers as well as the scholars and teachers who joined the department later, the Department has continued making progress. The following famous academics have been associated with the Urdu department: Dr. Syed Abul Khair Kashfi, Dr. Farman Fatehpuri, Dr. Aslam Farrukhi, Prof. Jameel Akhtar Khan, Dr. Haneef Fauq, Dr. Younus Hasni, Shamim Ahmed, Prof. Sahar Ansari, Dr. Vaqar Ahmed Rizvi, Dr. Sidiqa Arman, Dr. Moinuddin Aqeel and Dr. Zafar Iqbal.

The department of Urdu has a prominent position in the University of Karachi for research. Over 100 scholars have completed their Ph.D. research program and more than forty projects are in progress.

In addition to regular teaching and lectures, co-curricular, literary and academic activities and gatherings are also organized frequently.

### Teaching and Assessment

Teaching at the Department combines lectures, group discussion and class presentation. Students are also given writing assignments and final year students who fulfill the eligibility criteria are required to submit a dissertation carrying 200 marks.

### Career Opportunities

- Teaching, Print and Electronic Media
- Research & Academic Organizations
- Advertising (Copy Writing)
- Creative Writing, etc.

### Faculty Members

#### Professors

- Dr. Uzma Farman Farooqui
- Dr. Tanzeem-ul-Firdaus (*Chairperson*)

#### Assistant Professors

- Dr. Rahat Afshan
- Dr. Safia Aftab
- Dr. Uzma Hasan
- Dr. Shama Afroz
- Dr. Muhammad Sajid Khan
- Dr. Sadaf Fatima
- Dr. Tehmina Abbas
- Dr. Khalid Ameen
- Dr. Zakia Rani
- Dr. Ansar Ahmed
- Dr. Sadaf Tabassum

#### Lecturers

- Mr. Muhammad Shakir
- Mr. Muhammad Salman
- Mr. Muhammad Rashid Ali Khan
- Ms. Ayesha Naz
- Ms. Atiya Huma Siddiqui

### Programs Offered

- B.A. (Hons.)
- M.A. (Urdu Literature & Language)
- M.A. In Iqbaliyat (Iqbal Studies)
- M.A. (Linguistics)

#### Certificate & Diploma Courses:

- One Year Certificate Course of Urdu Language for Foreigners
- One Year Professional Certificate Course (Teaching of Urdu).
- One Year Diploma Course of Urdu Language for Foreigners

### For Further Enquiry

**Telephone:** 99261300-06 Ext-2287

**Website:** [www.uok.edu.pk/faculties/urdu](http://www.uok.edu.pk/faculties/urdu)

**Email:** [urdu@uok.edu.pk](mailto:urdu@uok.edu.pk)

Department of

# Visual Studies

## Introduction

The Department of Visual Studies graduates innovative and award winning designers, architects, film makers and fine artists who are making their mark in the professional world. The Department sees itself as a bridge between tradition and innovation. Courses are interdisciplinary and contextualized. Students are encouraged to develop analytical skills, and measure their designs against their social, cultural, economic and environmental impact. A strong theory component alongside practical and professional courses distinguishes the curricula of the Department. A dedicated faculty supported by visiting faculty from professional fields and the university's own pool of excellent scholars, provides training that is current and professional.

We live in a rapidly changing world that needs responsible solutions for its many unfolding challenges. The graduates of the Department of Visual Studies have the opportunity to influence social perception, build environment, and determine the cultural legacy of their times. They are encouraged to develop analytical skills, and measure their designs against their social, cultural, economic and environmental impact.

## Facilities

- Computer lab
- 3-D Printer
- Wood Workshop
- Metal Workshop
- Photography Darkroom
- Sculpture Workshop
- Ceramic kilns and wheels
- Printmaking presses
- Weaving looms
- Silkscreen Darkroom
- Professional sewing machines
- Film editing studio
- Seminar Library including video library
- Links with professional facilities in the city

## Specific Research Areas

Over the years students have produced over 1200 to 8000 word research dissertations in a wide range of cultural and design related areas. These include architecture, urban planning, heritage, crafts, fine art, Islamic art and culture, environment, social psychology, typography, illustration, design, film, textiles.

Faculty research includes Urban Planning, Rural Development, Disaster Management, Cultural Theory, Sufism, History of Art, Media Studies, Islamic Civilization, History of Film, Philosophy, Psychology, Revival of Traditional Crafts. All faculty members are practicing professionals with a national or international profile.

The Department has its own publishing house, the Visual Studies Press, which has recently published its first book: *Communication Drawings. A beginner's guide to Graphical Language* by our faculty member Naji Akbar

## Career Opportunities

**Architecture:** Architectural Design, Architectural Research, Urban/Rural Planning, Interior Design, Historical Site Management, Landscape Architecture.

**Industrial Design:** Product Design, Furniture Design, TV/Film Set Design, Transport Systems, Exhibition Design, Interior Design, Signage System Design.

**Textile Design:** Print Design, Apparel Design, Interior Design, Craft Management, Set Design, Fashion Accessories, Stationary for Home Furnishing, Display System Design.

**Design & Media Arts:** Advertising, Exhibition Design, Information Graphics, Publishing, Editorial Design, Signage, Illustration, Photography, Creative Management, Animation, Motion Graphics, Film & Television Production.

**Ceramics & Glass:** Pottery, Crafts Management, Glassware, Interior Design Projects, Sculpture.

**Fine Art:** Art Practice, Art Criticism, Animation, Illustration, Set Design, Video, Art Administration, Art Restoration, Gallery Management, Miniature Painting, Museum Consultancy.

**Islamic Arts:** Museum Consultancy, Architectural Detailing, Islamic Patternmaking, Crafts Management, Miniature Painting, Book Binding, Art Research, Restoration, Calligraphy, Ceramics.

**MSDI:** Designer, Policy Maker, Consultant for NGO and INGO and Government Planning organizations.

## Project Director

- Ms. Durriya Kazi (*In Charge*)

## Assistant Professors

- Dr. Umaira Hussain Khan
- Mrs. Tania Nasir
- Mr. Syed Shamoon Haider

## Lecturers

- Ms. Raheela
- Ms. Wajiha Siddiqui
- 67 Visiting faculty members

## Programs Offered

- B.Arch. (5 years)
- BFA (4 years), in one of the following:  
Fine Art / Islamic Arts
- B. Design (4 years), in one of the following:  
(Design & Media Arts: i) Graphic Design ii) Media Arts) / Textile Design/Industrial Design / Ceramics & Glass
- Masters in Design for Social Innovation-MSDI (2 Years Programme)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2239

**Website:** [www.uok.edu.pk/faculties/visualstudies](http://www.uok.edu.pk/faculties/visualstudies)

**Email:** [vs@uok.edu.pk](mailto:vs@uok.edu.pk)



## Department of

# Education

### Introduction

Department of Education was established in 1984. The main goal of the department is to prepare human capital in the field of education as teachers, educators, educational leaders and researchers. Innovative methods of teaching and learning, emerging techniques of research and material development in the field of education have made this department parallel with the international standards of Education.

### Facilities

The department of Education has a seminar library as its primary resource containing contemporary books related to the disciplines of Education. Moreover, the library also contains extensive resource material for research at all levels of higher education. The department also offers hands on training regarding equipments and software to present research findings to a large segment of academia.

### Specific Research Areas

- Research Methods in Education
- Educational Psychology
- Teaching Strategies
- Behavioral Management
- Curriculum Development
- Trends and Issues in Education
- Comparative Education
- Classroom Assessment, Test Development and Evaluation
- Guidance and Counseling
- Foundations of Education
- School Management and Community Development.

### Career Opportunities

Education is an important discipline in Social Sciences and Humanities. Therefore, graduate students of Education have ample opportunities in the competitive job market at both national and international levels. Research Industry, Media Career Counseling, Schools, Teacher Training Institutes, Human Resource Development Centers, Professional Institutes, UNICEF, UNESCO and NGO based organizations can be the potential job market for the graduates of education department.

### Faculty Members

#### Assistant Professors

- Dr. Rizwana Munir (*In Charge*)
- Dr. Naila Siddiqua
- Dr. Azizunnisa
- Dr. Maroof Bin Rauf
- Ms. Tabassum

### Programs Offered

- B.A. (Hons.)
- M.A.
- M. Phil.&Ph.D.

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2267

**Website:** [www.uok.edu.pk/faculties/education](http://www.uok.edu.pk/faculties/education)

**Email:** [education@uok.edu.pk](mailto:education@uok.edu.pk)

Department of

# Special Education

## Introduction

The vision of the Department of Special Education is that of an inclusive society in which all individuals are afforded equal access and opportunities that improve the quality of life. The mission of the department is to create such a society through innovative and collaborative personnel preparation, research and scholarly activity, and advocacy. The goal of the Department of Special Education is to provide university students with information and skills in working with persons with disabilities. The department provides Baccalaureat and Post Baccalaureat degrees in Special Education that prepare educators to become eligible for working in Special Education. Our faculty and staff are committed to preparing educators who desire to help children utilize their potential.

## Facilities

The department has lecture and seminar rooms, audio visual room, as well as seminar library with latest books. The department has equipment which provides practical work facilities to students as well as exposure of practical teaching at special schools.

## Specific Research Areas

- Five Major Disabilities (Visual Impairment, Learning Disabilities, Hearing Impairment, Physical Handicap, Mental Retardation).
- Disabilities and Psychology
- High & low incidence disability
- Professional services (Occupational Therapy, Physiotherapy, Speech Therapy).
- Teaching strategy (Curriculum Planning, Assessment and Management).
- Early Intervention
- Behavior Management
- Rehabilitation and Community
- Inclusive Education
- Teacher Development
- Guidance & Counseling
- Vocational Education
- Educational programming
- Issues in Special Education
- Audiology
- Management and Leadership

## Career Opportunities

A career in Special Education is very rewarding. Careers for graduates from the Special Education department include teachers within general or special education settings, early intervention educators, adult service/workforce providers, for positions in clinical settings and careers with organization serving individuals with disabilities. Those in the Ph. D program often enter faculty positions in higher education. Programs are designed for students who desire to enter educational and human services professions.

## Faculty Members

### Professors

- Dr. Shagufta Shahzadi
- Dr. Nasir Sulman (*Dean, Faculty of Education*)

### Associate Professor

- Dr. Humera Aziz (*Chairperson*)

### Assistant Professors

- Dr. Afshan Rahat
- Dr. Saira Saleem
- Dr. Shaista Naz

### Lecturers

- Ms. Sahar Yasmeen
- Ms. Saba Suleman

## Programs Offered

- B.A. (Hons.)
- M.A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261085

**Website:** [www.uok.edu.pk/faculties/specialeducation](http://www.uok.edu.pk/faculties/specialeducation)

**Email:** [specialeducation@uok.edu.pk](mailto:specialeducation@uok.edu.pk)

Department of

# Teacher Education

## Introduction

The Department of Teacher Education is a newly established department at the University of Karachi. The department offers B.Ed. 4 year program for the first time bringing a change in the scenario of Teacher Education in the country. The department aims at providing high quality teachers in line with National Professional Standards for Teachers in Pakistan. The major aim is to develop teachers for 21<sup>st</sup> century as reflective professionals.

## Facilities

The program is being run under the supervision of the Dean, Faculty of Education, University of Karachi. The program has a seminar library with all recent reading material and teacher aids. Furthermore, the students enrolled in the program can benefit from all centralized student support services available at the University of Karachi.

## Specific Research Areas

- Child Development
- General Methods of Teaching
- Classroom Management
- Classroom Assessment, Test Development & Evaluation
- School, community and Teacher
- Foundations of Education
- Educational Psychology
- Guidance and Counseling
- Research Methods in Education
- School Management
- Curriculum Development
- Trends and contemporary issues in Education
- Comparative Education

## Career Opportunities

The Department offers ample opportunities for Continuous Professional Development. B.Ed. (Hons.) is a pre-service degree for prospective teachers. The graduates of this program can serve at beginner, mid-career and senior professional career ladder such as Elementary and Secondary School Teachers, Academic Coordinators, Educational Evaluators, Educational Managers, Curriculum Developers, Educational Researchers, Teacher Educators and Master Trainers, both at Government and Private levels in NGOs.

## Faculty Members

### Assistant Professors

- Dr. Safia Urooj (*In Charge*)
- Dr. Imtiaz Ahmad
- Dr. Muhammad Asim

### Lecturers

- Mr. Intizar Hussain
- Ms. Syeda Nazish Hasan
- Ms. Qurat ul Ain Rauf Khan

## Programs Offered

- B.Ed. (Hons.) (4 year Program after Intermediate)
- B.Ed. (Hons.) (2 year program) after ADE

## For Further Enquiry

**Telephone:** 99261300-06 Ext.2550  
021-99261062 (*Direct*)

**Website:** [www.uok.edu.pk/faculties/teachereducation](http://www.uok.edu.pk/faculties/teachereducation)

**Email:** [dte@uok.edu.pk](mailto:dte@uok.edu.pk)

# FACULTY OF ISLAMIC STUDIES



Department of

# Islamic Learning

## Introduction

Department of Islamic Learning is one of the oldest departments of the University of Karachi and was founded in 1954 to fulfill the needs of scholars of Islamic studies in various institutions of the Islamic Republic of Pakistan. The department aims to promote the study of Islamic thought and offers an opportunity to study Islam on Graduate and Post-Graduate level. The M. Phil. and Ph.D. program in the department of Islamic learning covers the general areas of Islamic Studies with a special focus on modern and contemporary issues. The area of Islamic thought, Islamic Economics, Comparative Religion, Islamic Sociology and Muslim Political thought are also pursued in the Ph.D. Program.

The department is situated in a beautiful building of Islamic Studies near Masjid-i-Ibrahim. In this department students are taught Islamic sciences like Tafseer, Hadith, Seerah, History, Islamic Jurisprudence, Principles of Islamic Jurisprudence, Tasawwuf, Ethics, Philosophy and Arabic. The department is producing scholars for educational, religious and social institutions for the country and abroad.

## Facilities

The Seminar Library provides a valuable resource of bibliographical and reference works, news sources, and current periodicals on Islam and Muslim World.

## Specific Research Areas

The faculty members of the department of Islamic Learning are engaged in research projects funded by the university as well as in an individual capacity. They have numerous publications to their credit and also participate in debates, discussions and talk-shows of different television channels to share their views on different national and international issues of Islam and Muslim Ummah.

## Career Opportunities

Students graduating from this department provide their services to educational Centers, religious institutions and armed forces.

## Faculty Members

### Professor

- Dr. Zahid Ali

### Associate Professor

- Dr. M. Arif Khan Saqi (*Chairman*)

### Assistant Professors

- Dr. Taj Muhammad
- Dr. Muhammad Atif Aslam
- Dr. Jawad Haider
- Dr. Umair Mehmood Siddiqi

## Programs Offered

- B.A.(Hons.)
- Master in Islamic Learning
- Master in Islamic Banking & Finance
- M.S. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2390

**Website:** [www.uok.edu.pk/faculties/islamiclearning](http://www.uok.edu.pk/faculties/islamiclearning)

**Email:** [isl@uok.edu.pk](mailto:isl@uok.edu.pk)

Department of

# Qur'an and Sunnah

## Introduction

The Department was established in 2000. B.A(Hons.), Masters and M.Phil. / Ph.D. degree programmes are available in this department. All the Student who have passed F.A / B.A. or Shahadat ul Aliya (from any recognized institute by HEC) are eligible for admission in Masters Program. Those candidates who have done only Shahadat ul Aliya will be offered four additional compulsory subjects i.e. English , Pakistan Studies , Urdu and Islamic Studies compulsory.

## Specific Research Areas

Department of Quran & Sunnah is engaged in research on Quranic Sciences, Hadith Sciences, Islamic Jurisprudence, Islamic Economics, Islamic Banking, Tasaffuf (Mysticism), Interfaith Harmony, Islamic Political Thought, Philosophical Thought, Curriculum of Islamic Universities, Sirah and Western orientalist and all other areas related to the Islamic studies.

## Teaching and Assessment

All faculty members of Quran and Sunnah department are Ph.D. degree holders and provide quality education.

## Research Activities

The research activities in the department include:

1. Thesis at M.A. Level is
2. Mandatory research paper in all the courses at post graduate studies, i.e. M.Phil./ Ph.D.
3. Research at post graduate level.
4. Conferences, seminars, extension lectures and study tours.

## Career Opportunities

After getting a B.A. , M.A., M.Phil. and Ph.D. degree there is a vast scope in colleges, universities, banks particularly Islamic Banks, Scholars of Quran & Sunnah Department can easily conduct research individually or can be the part of any Shariah-based research and development organization or can offer the services to any Islamic Financial Institution / Consultancy / Takaful / Halal Industry / Sharia Audit / Sharia Compliance / Zakat and Ushr Department / Tourism / Media and Journalism.

## Faculty Members

### Associate Professor

- Dr. Zeenat Haroon (*Chairperson*)

### Assistant Professors

- Dr. Mufti Imran-ul-Haq Kalyanvi
- Dr. Syed Ghazanfar Ahmed

## Programs Offered

- B.A. (Hons).
- M.A.
- M.Phil.&Ph.D.
- Certificate Course in Tarjuman and Tafsir ul Qur'an
- Certificate Course in Hadith
- Certificate Course in Islamic Jurisprudence (Tahfeem-e-Deen).
- Certificate Course in Takaful
- Certificate Course in Shariah Audit Complaine & Regulations.
- Certificate Courses in AAOIFI Shariah Standard
- Certificate Course in Islamic Banking.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2324

**Website:** [www.uok.edu.pk/faculties/quranwasunnah](http://www.uok.edu.pk/faculties/quranwasunnah)

**Email:** [qs@uok.edu.pk](mailto:qs@uok.edu.pk)

Department of

# Usool-ud-Din

## Introduction

Department of Usool-ud-Din was established in the year 2000 to fulfill the needs of scholars of Islamic Studies in various institutes of Islamic Republic of Pakistan. Islamic Sciences like Tafseer, Hadith, Seerah & History, Islamic Psychology, Al-Ghaz wu Fikri, Tahreek-e-Istishraak, Hikmat ut Tashri, Mashaheer Mufakreen, Mazahib-al-Fiqria and Arabic are some of the courses that are taught at the Department.

## Facilities

The students of the department use the seminar library, a facility of the faculty of Islamic studies where a good collection of books and journals on Islamic Studies are available. The Faculty of Islamic Studies also has a computer lab for teaching and research activities.

## Specific Research Areas

All the topics related to Islam and its fundamental principles are the area of research.

## Career Opportunities

After earning a master's degree from Usool-ud-Din there is a vast scope in Schools, Colleges, Universities, Madaras as teachers, as well as in other national and multinational institutions as *Sarri'ah* experts. Students graduating from this department are serving in educational, research and religious institutions as well as armed forces. Master or B.S. Degree holders can apply for any post of Grade-17.

## Faculty Members

### Professors

- Dr. Shahnaz Ghazi (*Dean, Faculty of Islamic Studies*)
- Dr. Obaid Ahmed Khan (*Chairman*)

### Associate Professor

- Dr. Nasir Uddin

### Assistant Professors

- Dr. Hafiz M. Ismail
- Dr. Muhammad Ishaq

### Lecturer

- Mr. Muhammad Imran

## Programs Offered

- B.A.(Hons.)
- M. A.
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2220

**Website:** [www.uok.edu.pk/faculties/usooluddin](http://www.uok.edu.pk/faculties/usooluddin)

**Email:** [uud@uok.edu.pk](mailto:uud@uok.edu.pk)



# School of Law

## Introduction

Education is the foundation of knowledge and knowledge is the light which eliminates the darkness of ignorance. Legal education is also a vital part of that phenomenon as through this education a civilized and organized society comes into existence. Legal education is still very popular and bound to become so with job opportunities of law persons increasing consequently upon economic liberalization and globalization of legal services. However the present organization of legal education is not able to cater to the needs and demands which are changing from time to time. Keeping this in mind, the University of Karachi has established its School of Law with the following aims and objectives.

- To train law students in the real dynamics of what will be the real relevant decisional structure, influencing their outcome and in assisting other people in changing goals and developing strategies to achieve these goals in diverse contexts.
- To give quality education in law.
- To provide sound knowledge and training in legal theory and practice to fulfill the requirements for legal profession and administrative jobs.
- To equip the law students with specialized legal studies relating to commercial, business and public affairs so that a product of such education would be able to contribute towards national development and social change in a much more constructive manner.

## Facilities

School of Law has one of the finest Seminar Libraries containing Law Reports, Text Books and Law Journals.

It also has a Computer Lab, which is equipped with high speed computers, printers and scanner facilities. Audio/Visual aids including multimedia option are also available and used during presentation/ lecturers.

## Clinical Legal Education

At present the traditional system of legal education which concentrates much on reading of books, class room lectures and little on moot courts and court visits etc, does not meet the requirement of modern education. Therefore for the development of scientific temperament of the students empirical approach is being followed in the Faculty by giving due importance to clinical legal education.

## Career Opportunities

The demand for lawyers with expertise will continue to grow with the passage of time. The legal field is constantly redefining itself by adding new areas to the practice. For every job in law, analytical ability, research, writing skills, and the knowledge of the basic differences in the world's legal systems as well as their political and cultural contexts is essential.

The available career paths for a lawyer can be broken down into law firms, federal government, corporate counsels, international organizations and non-profit groups.

**Note:** The terms and conditions imposed by the Pakistan Bar Council as amended from time to time shall be binding on all students.

## Dean / Director

- Dr. Nasreen Aslam Shah (*Caretaker*)

## Faculty Members

### Assistant Professors

- Mr. Abid Hussain Khan
- Mr. Tauheed Ullah Siddiqui
- Ms. Sonia Ambreen Syed
- Ms. Tahreem Farrukh

### Lecturers

- Ms. Erum Iftikhar
- Ms. Sana Khan

## Programs Offered

- B.A./LL.B (5 Years)
- LLM (2 Years) (Evening)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2464

**Website:** [www.uok.edu.pk](http://www.uok.edu.pk)

**Email:** [school.law@uok.edu.pk](mailto:school.law@uok.edu.pk)

# FACULTY OF PHARMACY & PHARMACEUTICAL SCIENCES

FACULTY OF PHARMACY  
&  
PHARMACEUTICAL SCIENCES



Department of

# Pharmacognosy

## Introduction

The department of Pharmacognosy was established under the faculty of Pharmacy in 1973. Since its inception the department has served as the backbone for various branches of pharmaceutical sciences.

Pharmacognosy derives its origin from two Greek words, *pharmakon* (drug), and *gnosis* (knowledge). It is the study of natural bioactive substances obtained from terrestrial and marine plants, animals, microbes and minerals, for their physical, chemical, biochemical and biological properties, their taxonomy and ethnobiology. Pharmacognosy is one of the major areas of pharmaceutical sciences, an interdisciplinary science, linked to phytochemistry, microbial chemistry, biosynthesis, biotransformation, chemotaxonomy, biotechnology and other biological and chemical sciences. Research in Pharmacognosy provides for the discovery of lead compounds for drug development, new methods of analysis for drugs, toxins and herbal preparations.

The objective of the department of Pharmacognosy is to educate students about the natural sources of medicines, their pharmacognostic and phytopharmacological attributes, chemical and spectroscopic profile of isolated molecules and their development as modern pharmaceutical products.

During the past five decades it shared with the other departments to produce more than 5000 B.Pharm and about 1885 Doctor of Pharmacy graduates. The department of Pharmacognosy has always endeavored to promote higher education which has resulted in 57 M. Pharm, 48 M. Phil and 55 Ph.D. graduates. The active faculty members have collectively produced more than 28 books, and hundreds of research papers in well reputed journals at national and international levels.

## Facilities

The department has three labs at undergraduate level and two graduate level. These are well-equipped to conduct the lab work at both levels. The students can work on latest spectrophotometer, PCR, HPLC, lyophilizer, rotary evaporator, incubator, oven, flash chromatography, distillation assembly, two channel recorder, Plethysmometer, Analgesia meter and Soxhlet apparatus.

## Specific Research Areas

Natural products, clinical studies, standardization of herbal products, formulations, isolation of natural products, analysis of marine and terrestrial flora and fauna, ethnopharmacognosy, natural toxicants, nutraceuticals, cosmeceuticals.

## Career Opportunities

The graduates from various programs offered by the department can work in both modern and herbal pharmaceutical organizations, ministry of health, WHO, various drug regulatory bodies, research organizations and teaching institutions.

## Faculty Members

### Professor

- Dr. Iqbal Azhar

### Associate Professor

- Dr. Muhammad Mohtasheem ul Hasan  
(*Chairman*)

### Assistant Professors

- Ms. Farah Mazhar
- Dr. Maryam Ahmed
- Ms. Safia Abidi
- Dr. Salman Ahmed

## Programs Offered

- Doctor of Pharmacy (Pharm. D)
- M. Pharm.
- M. Phil.
- Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2202

**Website:** [www.uok.edu.pk/faculties/pharmacognosy](http://www.uok.edu.pk/faculties/pharmacognosy)

**Email:** [Pharmacognosy@uok.edu.pk](mailto:Pharmacognosy@uok.edu.pk)

## Department of

# Pharmacology

## Introduction

The Department of Pharmacology has been one of the important departments in the Faculty of Pharmacy & Pharmaceutical Sciences since 1973, not only sharing a major load at the undergraduate level but also preparing students to fill the gap by suitably qualified manpower in the field of Pharmacy at post graduate levels. The current expansion of the Department and graduate programs in the areas of modern pharmacology including Neuropharmacology, Toxicology and Biochemical Pharmacology and Pharmacology of natural products is expected to place the department among the high research ranking departments of the University.

The major academic objectives of the Department are to facilitate basic and applied research, educate undergraduate and graduate students in various disciplines to achieve academic excellence. Department of Pharmacology has so far produced the highest number of Ph.Ds in the Faculty of Pharmacy & Pharmaceutical Sciences and a large number of M. Pharm. MS. & M. Phil students. The Department has a highly competent primary faculty, research faculty and technical support staff.

## Facilities

- The laboratories at the Department of Pharmacology are well-equipped to conduct the experimental courses of Pharmacology, Physiology, Biochemistry and Pathology.
- Separate Research labs are also available for research students equipped with instruments required for research work.
- Computer and internet facilities have been provided so that students can have easy access to latest information and data.

## Specific Research Areas

- Neuropharmacology
- Toxicology
- Biochemical Pharmacology
- Cardiovascular Pharmacology
- Psychopharmacology
- Pharmacology of natural products

## Career Opportunities

After completion of M. Pharm / MS / M.Phil. & Ph.D. in the field of Pharmacology, successful candidates will be able to perform duties in the following areas:

- Research
- Education
- Hospital Pharmacies
- Pharmaceutical Industries
- Drug testing laboratories

## Faculty Members

### Professor

Dr. Rahela Ikram  
(*Dean, Faculty of Pharmacy and Pharmaceutical Sciences*)

### Associate Professors

- Dr. Syeda Afroz (*Chairperson*)
- Dr. Afshan Siddiq

### Assistant Professors

- Ms. Tasneem Mariam Sajid
- Dr. Sadia Ghousia Baig
- Dr. Nuzhat Sultana
- Dr. Azra Riaz
- Dr. Shadab Ahmed
- Dr. Saira Saeed Khan
- Dr. Sana Sarfaraz

### Lecturer

- Mr. Adnan Iqbal

## Programs Offered

- M. Pharm / MS / M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext-2206

**Website:** [www.uok.edu.pk/faculties/pharmacology](http://www.uok.edu.pk/faculties/pharmacology)

**Email:** [pharmacology@uok.edu.pk](mailto:pharmacology@uok.edu.pk)

Department of

# Pharmaceutical Chemistry

## Introduction

Department of Pharmaceutical Chemistry is one of the most important academic units of the Faculty of Pharmacy. This department deals with the Physical and Chemical aspects of Pharmaceuticals, so as to inculcate in students the understanding of drug designing, drug development, quality control, drug stability, pharmacokinetics and principles and methods of analysis. At the graduate level, courses are designed to equip the students with strong background of the subject and provide in-depth knowledge of chemistry related to physiology, pharmacology, biochemistry and molecular biology. At present, there are ten full-time Faculty members among which nine(9) are Ph.D. degree holders.

## Facilities

Department is dedicated to provide sound education in the field of Pharmaceutical Chemistry. The curriculum focuses on laboratory experience supported by highly qualified and experienced professionals with well equipped labs. Presently four labs are working dealing with synthesis, analytical and instrumental experimental work. For postgraduate student, three full fledged research labs are operating in the Research Institute of Pharmaceutical Sciences (RIPS) providing facilities regarding drug designing, drug development, drug stability, and analysis and method development.

## Specific Research Areas

Department of Pharmaceutical Chemistry offers M.Phil, and Ph.D. programs to the graduate students. Experienced and actively growing research groups are working in the disciplines of drug designing and development, product and process development of drug, analytical aspects of drug, nanotechnology, kinetic studies and drug stability. Groups of researchers are working with different research institutes, industries and organizations which promote many areas of collaborative research studies. The department has the honor of producing the first M.Pharm, first M. Phil., first Ph.D. of this Faculty and uptill now the department has produced 30 Ph.D and more than 80 M.Pharms and M.Phils.

## Career Opportunities

Pharmacists have many career opportunities. They can go in production, quality control, marketing and regulatory affairs department of different pharmaceutical industries. They can also work as part of a healthcare team comprising doctors, pharmacists and paramedical staff. As part of this team, they can play an effective role as drug experts and select best treatments for managing patient care. Apart from these, there are opportunities available in administrative and general management sites in government health departments. One option available to pharmacists with higher degree is that they can join teaching and research in universities and other research organizations.

## Faculty Members

### Professors

- Dr. Faiyaz H. M.Vaid
- Dr. Mansoor Ahmed
- Dr. Nousheen Mushtaq (*Chairperson*)
- Dr. Afaq Ahmad Siddiqui

### Associate Professors

- Dr. Sohail Hassan
- Dr. Asia Naz

### Assistant Professors

- Dr. Amir Hassan
- Dr. Shazia Haider
- Dr. Rubina Siddiqui

### Lecturer

- Ms. Urooj Nazim

## Programs Offered

- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext-2203

**Website:** [www.uok.edu.pk/faculties/pharmaceuticalchemistry](http://www.uok.edu.pk/faculties/pharmaceuticalchemistry)

**Email:** [pc@uok.edu.pk](mailto:pc@uok.edu.pk)

## Department of

# Pharmaceutics

## Introduction

The department covers 24 courses spread over five years of Pharm-D. program. The department is actively involved in pharmaceutical research that covers all aspects of pharmaceutical sciences offering M.Pharm and Ph.D. programs. Till date, the department has produced 100 M. Phil, 172 M. Pharm and 35 Ph.D. scholars in different disciplines of pharmaceutics.

The department of Pharmaceutics has its history as old as the history of the faculty of pharmacy itself. The Faculty of Pharmacy was first founded in 1964 as a department under the Faculty of Science in the University of Karachi by Professor Dr. S. M. S. Zoha known as the Father of Pharmacy. In the year 1973, the status of the department was upgraded and turned into a faculty with four distinctive departments, one of which was the department of Pharmaceutics.

## Facilities

- Laboratories
- Research Laboratories
- Computer Laboratory
- Seminar Library

## Specific Research Areas

- Formulation Development
- Formulation optimization and improvisation
- Pharmaceutical Microbiology
- Novel drug delivery system
- Nanotechnology
- Bio-Pharmaceutics and Pharmacokinetics
- Bioavailability
- Physical Pharmacy
- Clinical Pharmacy and Pharmacy Practice

## Career Opportunities

The scope of pharmacy is very promising all over the world. The graduates in pharmacy find themselves in a very prestigious position to serve the society in different disciplines of the field as a health care professional. After obtaining graduation degree from the faculty of Pharmacy, students have the opportunity to join hospitals where they would be drug experts taking right decisions about the safe use of medicine, in community as one of the beneficial members of the society, and in pharmaceutical industries that have the largest proportion of

openings in different with a degree in Pharmaceutics departments of the industry. Students can also join governmental jobs where they can regulate the drug portfolio and establish policies regarding the drug usage and regulatory matters, in pharmaceutical journalism, in academia where they could be given the assignment to train and produce more pharmacists. A pharmacist can also find good opportunities different in research areas related to their field. Besides different opportunities for work in Pakistan, there are many job opportunities and career enhancing chances for pharmacists abroad.

## Faculty Members

### Professor

- Dr. Muhammad Harris Shoailb

### Associate Professors

- Dr. S. M. Farid Hasan (*Chairman*)
- Dr. Rabia Ismail Yousuf
- Dr. Iyad Naeem Muhammad
- Dr. Farya Zafar

### Assistant Professors

- Dr. Sabahat Jabeen
- Mrs. Rehana Saeed
- Dr. Faaiza Qazi
- Dr. Farrukh Rafiq Ahmed
- Dr. Kamran Ahmed

### Lecturers

- Ms. Sadaf Farooqi
- Ms. Hafsa Nasar
- Ms. Tazeen Husain

## Programs Offered

- M. Pharm
- MS
- M.Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-07

**Website:** [www.uok.edu.pk/faculties/pharmaceutics](http://www.uok.edu.pk/faculties/pharmaceutics)

**Email:** [pharmaceutics@uok.edu.pk](mailto:pharmaceutics@uok.edu.pk)

Department of

# Pharmacy Practice

## Introduction

Because of the International paradigm shift in pharmacy orientation from pill to patient, Pharmacy education regulatory body in Pakistan and Pharmacy Council of Pakistan felt the need to revisit its curricula, as a result of which, a department of Pharmacy Practice has been established to focus on the pharmaceutical care practices. Pharmacy practice department in the faculty of Pharmacy and Pharmaceutical Sciences aims to acquaint the students with the knowledge of pharmacy to the standards of practices in pharmaceutical care. The aim is to obtain the best therapeutic outcomes in order to improve patients' quality of life. The courses in the department emphasize right from the basics of the health in a society to a complex direct patient care. It includes the fundamentals of pharmacy practice, introduces the students to the practical aspects and explore the insights of the practical approach that covers medication error reporting, Adverse Drug Reactions, drug interactions, Therapeutic Drug Monitoring, institutional and non-institutional pharmacy practices.

The need of the real time practices is also part of the curricula requiring the students to engage in trainings, internships and clerkships in hospital setups. To meet the demand of the courses, the faculty of Pharmacy and Pharmaceutical Sciences has signed MoUs with several tertiary care hospitals of the city where the students would learn the aspects by practicing under the supervision of skilled professionals. The mission statement of the Department of Pharmacy Practice is to produce highly qualified pharmacists, for hospitals, community setups, researchers and leaders able of work in diverse environments and to improve health in society.

The future vision of the Department of Pharmacy Practice, is not only to produce competent Pharmacists but also proceed with the vision of active research in different areas of Pharmacy Practices by offering post graduate programs.

Faculty of Pharmacy & Pharmaceutical Sciences is launching M.Phil program in Pharmacy Practice, with the aim to introduce new areas of research in clinical pharmacy, hospital pharmacy, community pharmacy, pharmaceutical marketing and public health. The students will be trained to create, transmit, and apply

new knowledge based on productive research in pharmaceutical, social and clinical sciences, collaborate with other health professionals and learn to enhance the quality of life through improved health for the members of local as well as the global community.

## Faculty Members

### Professor

- Dr. Rahela Ikram (Dean & Acting Chairperson)

### Associate Professors

- Dr. Iyad Naeem Muhammad (Coordinator)

## Program Offered

- M.Phil.

## For Further Enquiry

**Website:** [www.uok.edu.pk/faculties/pharmacypractice](http://www.uok.edu.pk/faculties/pharmacypractice)

# FACULTY OF MANAGEMENT & ADMINISTRATIVE SCIENCES



Karachi University

# Business School

## Introduction

Karachi University Business School (KUBS) was established in 1999-2000 after the Institute of Business Administration (IBA a constituent of University of Karachi) was declared autonomous degree awarding institution.

KUBS within a short period of time has become a well- established institution with good reputation and high image in the business world. KUBS is presently offering a number of programs, namely BBA (four year), BS(BBA) (two year), MBA(one and a half year), MBA (two & a half year), MBA Executive (two & a half year) program, MS & PhD program.

The mission of KUBS is to educate the leaders who make a difference in this time of extraordinary change throughout the world. We, at KUBS, are committed to impart general management education focusing on building a deep understanding of business, teaching with skill and passion. We intend to imbibe a spirit of entrepreneurship and creativity among our students and prepare them for a global community that is increasingly reliant on technology.

KUBS was recently awarded **Asia's 2<sup>nd</sup> Best Business School Award** under the category of "Innovation Leadership Award" for its tremendous contribution to the field of Business Management in the form of its high achieving graduates who are working in various reputable organizations across the globe. Business schools from 25 countries were nominated and awarded under various categories.

## Facilities

Karachi University Business School (KUBS) is located in newly built, spacious and well equipped building. KUBS provides industry specific learning experience based on Pakistan business environment.

A large number of books can be borrowed from department's Seminar library. Students can also consult Dr. Mahmood Hussain Library that has a good number of books on business and professional journals. KUBS also offers a well-established Ph.D. & Research Program.

## Career Opportunities

Great opportunities in the field of Banking, Finance, and Marketing in national and multinational organizations are available. Our graduates are in great demand as highly paid jobs are offered to them with swift placement.

## Faculty Members

### Professor

- Dr. Tahir Ali  
(*Dean Faculty of Management & Administrative Sciences*)

### Associate Professors

- Dr. Danish Ahmed Siddiqui
- Dr. Muhammad Asim (*Chairman*)

### Assistant Professors

- Ms. Shahnaz Baloch
- Dr. Shameel Ahmed Zubairi
- Mr. Shaikh Muhammad Fakhre Alam Siddiqui
- Dr. Sarah Anjum
- Dr. Sohaib uz Zaman

### Lecturers

- Ms. Kausar Qureshi
- Ms. Syeda Nazneen Waseem
- Mr. Omar Ahmed Shaikh
- Mr. Hammad Zafar
- Mr. Muhammad Muzammil

## Programs Offered

- BBA (4 Years)
- BS(BBA) (2 Years)
- M.S. & Ph.D.

## For Further Enquiry

**Telephone:** 021-99261185

**Website:** [www.uok.edu.pk/faculties/businessadministration](http://www.uok.edu.pk/faculties/businessadministration)

**Email:** [kubs@uok.edu.pk](mailto:kubs@uok.edu.pk)

Department of

# Commerce

## Introduction

The department of Commerce has been engaged in imparting quality research-oriented business education since 1974. In order to keep pace with the dynamic world of business and business education, the department of Commerce has brought a change in its curriculum which is in compliance with the courses required in the business world.

The department has been instrumental in providing candidates with thorough knowledge and understanding of the principles of commerce and business.

## Career Opportunities

Since the mission of the department of Commerce is to equip students with analytical tools required for business management in the contemporary competitive world and to provide students with opportunities to explore new business vistas, our students are capable of acquiring good jobs both at national and international level.

## Faculty Members

### Assistant Professors

- Dr. Zaeema Asrar Mohiuddin (*In Charge*)
- Dr. Hasan Raza
- Dr. Sadaf Mustafa
- Mr. Muhammad Arfeen Siddiqui

### Lecturers

- Ms. Ayesha Fareed
- Mr. Muhammad Farrukh Aslam
- Ms. Rukshinda Begum
- Mrs. Syeda Kanza Nisar

## Programs Offered

- BS (4 years)
- M.Com.
- MS, M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6

**Website:** [www.uok.edu.pk/faculties/commerce](http://www.uok.edu.pk/faculties/commerce)

**Email:** [commerce@uok.edu.pk](mailto:commerce@uok.edu.pk)

Department of

# Public Administration

## Introduction

The department of Public Administration prepares exceptional students for leadership positions in government, business and civil society. With its academic programs emphasizing academic excellence and practical orientation, the department has gained a unique position in the University of Karachi after being established formally as a department in the year 1995. The objective of DPA is to approach the issues relating to the stewardship of common goods with an interdisciplinary approach. It tries to work at the intersection of economics, business, law, political and social sciences.

## Facilities

The Department of Public Administration is equipped with a state-of-the-art spacious building that comprises multiple lecture rooms, presentation rooms, a conference hall, well-equipped computer lab, seminar library and a research lab.

## Specific Research Areas

The department of Public Administration conducts analytically rigorous and theoretically informed research within the following fields:

- Urban Governance
- Public Policy and Policy Analysis
- Local Government Development Strategies
- Financial Management
- Marketing Management
- Human Resource Management
- Supply Chain Management
- Management Information System

## Career Opportunities

The department of Public Administration aims to cater to the needs of the times, and to impart such skills to its graduates which can be called upon under ever-changing circumstances. DPA has a strong Alumni network which is the strength of the department. Having received training in leadership skills, sociopolitical analysis and management, the graduates of the department are serving at leading positions within the public and corporate sector, academia, research institutions and media.

To increase opportunities for the students, DPA organizes annual job/ career fairs, mentorship programs, alumni network sessions and career counseling sessions.

## Faculty Members

### Professors

- Dr. Akhtar Baloch (*On Lien at Benazir Bhutto Shahid University*)
- Dr. Khalid M. Iraqi (Acting Vice-Chancellor)
- Dr. Syed Shabib ul Hassan

### Assistant Professors

- Dr. Syed Shahid Zaheer Zaidi (*In Charge*)
- Dr. Saima Akhter
- Dr. Ghazal Khawaja
- Dr. Mustafa Hyder

### Lecturer

- Ms. Tehmina Faisal

## Programs Offered

### Morning Program

- BPA (Hons.)
- MPA
- M.Phil.&Ph.D.

### Evening Program Degree Program

- BPA (Hons.)

### Masters Programs

- MPA
- MHRM
- MAS after PGDPA
- MHRM after PGDHRM
- MSCM after PGDSCM

### Diploma Programs

- PGD HRM
- PGDPA
- PGDPPA
- PGDSCM

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2383

**Website:** [www.uok.edu.pk/faculties/publicadministration](http://www.uok.edu.pk/faculties/publicadministration)

**Email:** [dpa@uok.edu.pk](mailto:dpa@uok.edu.pk)

# FACULTY OF ENGINEERING



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FACULTY OF LAW FACULTY OF MA  
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MANAGEMENT & ADMINISTRATION  
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FACULTY OF LAW FACULTY OF MA  
FACULTY OF SCIENCE FACULTY OF  
FACULTY OF ENGINEERING  
MANAGEMENT & ADMINISTRATION  
EDUCATION FACULTY OF PHARMACY

Department of

# Chemical Engineering

## Introduction

Bachelor of Chemical Technology programme was initiated in 1987 in the Department of Applied Chemistry. The programme was upgraded and the Department of Chemical Engineering / Technology was established in 2004. Since 2007 Department of Chemical Engineering has been actively engaged in providing teaching and training facilities in the field of Chemical Engineering to undergraduate students. Its graduates are accredited by Pakistan Engineering Council (PEC) since 2010.

Chemical Engineering deals with the application of natural and mathematical science for the conversion of raw material on Industrial scale into compatible marketable products without polluting the environment.

The syllabus has been designed to provided maximum exposure of core Chemical Engineering subjects. However, there are also several courses based on interdisciplinary Engineering subjects. The syllabus approved by various statutory bodies of Karachi University is in line with the recommendations of HEC/PEC.

## Facilities

The department is equipped with appropriate number of laboratories and workshop facilities to conduct practicals as per the prescribed course outline. The Department also offers the facilities of digital library and computer simulation lab.

## Career Opportunities

There exists a wide scope of employment opportunities for Chemical Engineers from International companies to small locally based industries, from Petro-chemicals to Textiles.

## Faculty Members

### Assistant Professors

- Dr. Shagufta Ishtiaque (*In Charge*)
- Dr. Muhammad Yasir Khan
- Engr. Mr. Muhammad Furqan Ali
- Engr. Mr. Adeel ur Rehman
- Engr. Ms. Mehwish Altaf

### Lecturers

- Engr. Mr. Muhammad Saqib Ali
- Engr. Mr. Kashif Hussain
- Ms. Kehkashan Nawaz
- Engr. Mr. Ahsan Abdul Ghani
- Mr. Obaid ur Rehman
- Mr. Muhammad Shoaib Salim

## Program Offered

- B.E. in Chemical Engineering

## For Further Enquiry

**Telephone:** 99261300-06 Ext-2535

**Website:** [www.uok.edu.pk/faculties/chemicalengineering](http://www.uok.edu.pk/faculties/chemicalengineering)

**Email:** [ct@uok.edu.pk](mailto:ct@uok.edu.pk)

# FACULTY OF SCIENCE



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ARCH INSTITUTE AND  
TY OF LAW FACULTY OF MA  
FACULTY OF SCIENCEF  
TY OF ENGINEERING  
ANAGEMENT & ADMIN  
EDUCATION FACULTY OF PHARM

Department of

# Agriculture & Agribusiness Management

## Introduction

The department of Agriculture launched its BS-Program in Agriculture in 2004 and acquired the status of the department in 2006. It was renamed as the Department of Agriculture and Agribusiness Management in 2008. The Department offers specializations in agribusiness management, plant protection and plant pathology.

Agribusiness is an important and ever expanding industry in Pakistan. It combines the study of agricultural sciences with the management skills providing an understanding of economic and business principles and their application to Agribusiness. The program aims to develop a range of personal and transferrable skills along with the critical appreciation of the techniques to assist effective execution of agribusiness management function.

It cannot be denied that the implementation of proper pest and disease management strategies can be helpful in increasing the crop yield and ultimately boost the economy of the country. The courses offered for specialization in plant pathology or plant protection enable the students to acquire in-depth knowledge of pest and diseases affecting crops, vegetables, fruits and ornamental plants in the country and make them aware of the management strategies to overcome the problem in an eco-friendly manner.

## Facilities

The department is well-equipped with modern teaching aids. It also has facilities for research on topics related to the fields of entomology, mycology, plant pathology and Agribusiness. The department's seminar library has a good collection of books related to agriculture and agribusiness that students can have access to.

## Specific Research Areas

The department is actively engaged in research related to Entomology, Mycology, Plant Pathology and Agribusiness. Several research students are also enrolled in M.Phil. & Ph.D. programs. The faculty members and research students regularly publish research papers in journals of national and international repute.

## Career Opportunities

Specialization in Agribusiness management is helpful in getting jobs in farm business related to national and multinational organizations as managers, consultants, supply chain coordinators and accountants. It also provides an opportunity to enter self-employment immediately after graduating, largely within the farming or food sectors.

Students specializing in plant protection or plant pathology have job opportunities in various research organizations like Department of plant protection, PARC, PCSIR, NIAB, NIA, ARI etc. They can also get jobs in plant and pesticide related national and multinational organizations or can initiate their own business to provide pest and disease management services to farmers.

## Faculty Members

### Professor

- Dr. Saleem Shahzad (*Registrar*)

### Associate Professor

- Dr. Saboohi Raza (*Chairperson*)

### Assistant Professors

- Dr. Muhammad Faheem Akbar
- Mr. Muhammad Talha Azeem
- Mr. Shahan Aziz
- Dr. Amjad Sultan
- Dr. Shugufta Sahar
- Dr. Muhammad Shahid
- Dr. Abdul Qayoom

## Programs Offered

- BS with specialization in Agribusiness Management or Plant Protection and Plant Pathology
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 9926261300-6 Ext. 2546 Direct: 99261007

**Website:** [www.uok.edu.pk/faculties/agriculture](http://www.uok.edu.pk/faculties/agriculture)

**Email:** [razasaboohi@uok.edu.pk](mailto:razasaboohi@uok.edu.pk)

Department of

# Applied Chemistry & Chemical Technology

## Introduction

The department of Applied Chemistry and Chemical Technology was established in 1971. Our 48 Years of rich experience of interaction with chemical industry enables us to provide a tradition of teaching & research. The courses have been designed keeping in view the need of the chemical industries of Pakistan. We have a large number of foreign qualified professional and industry-experienced faculty along with eight dedicated chemical process and operation labs which make us distinct from other local universities offering similar programs. Special emphasis has been put on important chemical industries in Pakistan such as fertilizers, petroleum refineries, cement, sugar, polymer & plastic, pharmaceuticals, textiles and leather. Due consideration has been given to important aspects of chemical engineering, unit operations / unit processes, quality control & instrumentation, chemical process principles, chemical reaction engineering, design engineering, material engineering, maintenance and environmental engineering. The syllabi offered in four year BSc / MSc program impart extraordinary theory / practical training through thirty courses where students go through more than 130 practicals in our specialized labs. Hence the graduates of this Department serve the wide range of product development needs of the chemical industries of Pakistan and abroad and are amongst the top management of half of Karachi's chemical, textiles, food and treatment industries.

## Facilities

The department has a seminar library equipped with most recent books, e-library section, computer lab, DSL internet digitally-equipped classrooms and state of the art laboratories for undergraduate and graduate level courses.

## Career Opportunities

Excellent job and research opportunities exist in industries of Pakistan, abroad as well as within the department.

## Faculty Members

### Professor

- Dr. Mehdi Hasan Kazmi

### Associate Professors

- Dr. Riaz Ahmed (*Chairman*)
- Dr. M. Ashraf Kamal
- Dr. Mohib Raza Kazmi
- Dr. Mumtaz Danish Naqvi
- Dr. Sadia Khan
- Dr. Syed Imran Ali

### Assistant Professors

- Mrs. Shagufta Afaq
- Ms. Farah Inamullah
- Mrs. Nausheen Yaseen
- Mr. Rizwan Qasim
- Dr. Zeeshan Akhter
- Mr. Zahid Farhad
- Dr. Syed Adnan Hasan
- Mrs. Mahwish Mobin Khan
- Dr. Mariam Mudassir

### Lecturers

- Mr. Kashif Riaz
- Ms. Sadia Amber

## Programs Offered

- B.Sc. (Hons.)
- M. Sc.
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext. 2279

**Fax/Direct:** 99261024

**Website:** [www.uok.edu.pk](http://www.uok.edu.pk)

**Email:** [ach@uok.edu.pk](mailto:ach@uok.edu.pk)

Department of

# Applied Physics

## Introduction

The Applied Physics department was established in 1971 with the objective to teach and train students to meet the growing technological needs of the industries of Pakistan in the area of Applied Physics. Over the years emphasis has shifted toward Electronics and semiconductor technology because of the growing demand of technologically-advanced industries in Pakistan. The syllabus has been continually updated to keep abreast with development in technology.

Our objective is to prepare students to meet challenges of the fast growing technologies in the field of Electronics and Semiconductors. The curriculum provides an in-depth understanding of the subject such as Analog and Digital Electronics, Industrial Electronics, Semiconductor Devices, Communication systems including Microwave and optical fiber communications.

Microprocessor/Microcontroller and Digital Signal processors (DSP) are hubs of intelligent electronic systems including computers and almost all state-of-the-art equipment used in communications. Industrial and Medical applications also use these devices. A comprehensive scheme of study and application is provided for these subjects.

To teach practical aspect of electronics and give hands-on experience, laboratories have been equipped with latest equipment. Students are required to spend a considerable amount of time in the laboratories to develop an in-depth understanding of the subject they study in classes. For this purpose, separate laboratory courses are designed. The laboratory training begins with circuits related to basic Analog Electronics, progressively performing experiments on Digital Electronics, Industrial Electronics and finally developing a single board computer based on microcontroller. The students are also trained on Programmable Logic Controllers (PLC) through the use of software and hardware simulators. Similarly, they are trained in the field of communication using Communication training kits.

## Facilities

There has been continuous up-gradation of laboratories in the department. In addition to general purpose laboratories where students perform experiments on circuits based on Analog and Digital Electronics, separate laboratories are established for

training. These include *Computer Laboratory* which is equipped with latest computers connected through LAN. *Communication Laboratory* has trainers to train students on Microwave and Optical fiber communication systems. *Programmable Logic Controller (PLC)* is equipped with PLCs from Siemens and Ge-Fanuc.

Students use Software and Hardware simulators to develop and verify programs. Cargo lift, Conveyor belt and process models have been developed indigenously that are controlled by the PLC. **Embedded systems laboratory** is facilitated with software and hardware tools such as VHDL, Electronic Design automation to develop embedded systems. Computer Controlled (CNC) PCB prototyping machine, Logic Analyzer, FPGA and DSP kits are available for development of applications. *Semiconductor Research Lab*, has instruments such as thin film coating unit, CV analyzer, Spectrometer, Lock-In-Amplifiers etc. for research in the field of semiconductor.

## Career Opportunities

A wide range of employment opportunities are available to the graduates of Applied Physics, from public sector organizations to multinational and national industries and research organizations.

## Faculty Members

### Assistant Professors

- Ms. Farida Farrukh
- Mr. Abid Hussain (*In Charge*)
- Mr. Arshad Hussain
- Dr. Zeeshan Alam Nayyar
- Mr. Zia-ur-Rehman
- Dr. Faisal Rafique
- Dr. Ambreen Insaf

### Lecturers

- Mr. S.Mamnoon Akhter
- Mr. S. Naseer Akhter
- Ms. Nazia Sadiq

## Programs Offered

- B.Sc. (Hons.) with specialization in electronics.
- M.Sc. with specialization in electronics.

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2258/2564

**Website:** [www.uok.edu.pk/faculties/appliedphysics](http://www.uok.edu.pk/faculties/appliedphysics)

**Email:** [aphy@uok.edu.pk](mailto:aphy@uok.edu.pk)

## Department of

# Biochemistry

## Introduction

The department of Biochemistry, established in 1962, is a pioneer department of our country. Since its inception, the department has shared the University of Karachi's goal of excellence in research and education. Traditionally known for strength in major areas of molecular biology, genetics, cell biology, biotechnology and bioinformatics, the current faculty is continuing to broaden its representation and reputation in other areas, most notably, Clinical Biochemistry, Enzymology, Hematology, Immunochemistry, Genomics, Molecular Biophysics, Neurochemistry, Neuropharmacology, Biotechnology, Nutrition and Proteomics.

## Facilities

Dr. Zain Memorial Library of the department of Biochemistry has the latest collection of books on Biochemistry with over 100 biochemistry related journals in print and/or with on-line access.

## Computing Facilities:

Numerous research and other student groups operate computing clusters for research needs and course work.

## Equipment Facilities:

The department is equipped with cutting edge techniques like PCR, High Performance Liquid Chromatography, Column Chromatography, ELISA, Spectrophotometer, Electrophoresis, Flame Photometry, Freeze Drying, Fluorimetry and Ultra centrifugation etc.

## Specific Research Areas

- Clinical biochemistry
- Drug targeting and development
- Molecular Biology and genetic engineering
- Biotechnology
- Biophysics
- Bioinformatics
- Enzymology
- Neuropharmacology
- Molecular neurochemistry
- Proteomics and Genomics
- Nutritional science
- Psychopharmacology
- Toxicology

## Career Opportunities

Excellent career opportunities exist for students acquiring a degree in Biochemistry. Our graduates are working in multinational industries, teaching and research organizations, Pharmaceutical industries, Biomedical industries, Forensic science laboratories, hospitals, clinical

laboratories and different public and private sector industries.

Graduates can also pursue an M.Phil. or Ph.D. in universities in Pakistan and abroad in areas such as clinical research, drug development, Nutritional Sciences, Bioinformatics and Biomedical Science.

## Faculty Members

### Professors

- Dr. Tabassum Mahboob (*Dean, Faculty of Science*)
- Dr. Samina Bano (*Chairperson*)
- Dr. Saeeda Haider
- Dr. Farhat Batool
- Dr. Shamim A. Qureshi
- Dr. Shah Ali ul Qadar

### Associate Professors

- Dr. Hajra Naz
- Dr. Erum Shireen
- Dr. Sadaf Naeem

### Assistant Professors

- Dr. Sajjad Haider
- Dr. Sadia Saleem
- Dr. Faizan ul Hassan Naqvi
- Dr. Huma Ikram
- Dr. Mohammad Noman Syed
- Dr. Yasmeen Raashid
- Dr. Mohammad Farhan
- Dr. Beena Hassan
- Dr. Syeda Fizza Hassan Naqvi
- Dr. Tooba Lateef
- Dr. Ayesha
- Dr. Uzma Urooj

### Lecturer

- Mr. Khuwaja Ali Hasan

## Programs Offered

- B.Sc. (Hons.)
- M.Sc.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2289

**Website:** [www.uok.edu.pk/faculties/biochemistry](http://www.uok.edu.pk/faculties/biochemistry)

**Email:** [biochemistry@uok.edu.pk](mailto:biochemistry@uok.edu.pk)

Department of

# Biotechnology

## Introduction

Department of Biotechnology was established in 1996 by Professor Dr. Tashmeem F. Razzaki with an objective of imparting quality education in the multidisciplinary field of Biotechnology at graduate level. For many years this was the only Department across Pakistan offering graduate degree in the subject.

Biotechnology is the application of biological systems or processes to improve the value of materials or organisms for the benefit of mankind. Biotechnology offers technological solutions for many of the challenges facing the world ranging from curing of disease to xenotransplantation, nourishing the hungry to design newer food products, generating power to conserve energy, increasing magnitude to newer traits of crops, exploring metabolic prospective of microbes to exploit their potential, modeling of drugs to the development of regenerative and personalized medicine, conservation of cells to cryonics and recycling wastes to develop new bioscience products. To address these challenges, departmental laboratories are well equipped with state-of-the-art sophisticated instruments for the training of students.

## Specific Research Areas

The department is involved in vibrant research activities i.e. protein purification, enzyme production, characterization and immobilization, cell and tissue culture, biotransformation and metabolomics, screening of microorganisms for industrially important metabolites and viral diagnostic research.

## Career Opportunities

Graduates of this dynamic discipline have a wide variety of career opportunities in teaching and research institutes, pharmaceutical organizations, forensics and clinical laboratories, tissue culture laboratories, agro-based industry, food industry, polymer and textile industry, cosmetic industry, fuel industry, environmental organizations, forestry, fisheries, wildlife department, horticulture department and processing, certifying and patenting companies. Graduates are also trained to venture small to various level of entrepreneurship.

## Faculty Members

### Professor

- Dr. Mustafa Kamal

### Associate Professors

- Dr. Raheela Rahmat Zohra (*Chairperson*)
- Dr. Saif Ullah

### Assistant Professors

- Ms. Syeda Mariam Siddiqua
- Dr. Shafaq Aiyaz Hassan
- Dr. Mahnaz Ahmed
- Dr. Erum Hanif

### Lecturers

- Ms. Shumaila Rashid
- Ms. Aysha Kamran
- Ms. Shumaila Samad Khan

## Programs Offered

- B.Sc.(Hons.)
- M. Sc.
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext: 2474

**Website:** [www.uok.edu.pk/faculties/biotechnology](http://www.uok.edu.pk/faculties/biotechnology)

**Email:** [biotechnology@uok.edu.pk](mailto:biotechnology@uok.edu.pk)

## Department of

# Botany

## Introduction

The Department of Botany, University of Karachi was established in 1953. The University at that time was located at Chand-Bibi Road, near Civil Hospital, Karachi. When the University moved into its present premises on 18th January 1960, the Department of Botany was located in 2 barracks. The present building of the Department of Botany with laboratories, lecture rooms and an auditorium was constructed in the late 1960s.

The Department offers over 70 different courses at undergraduate, post graduate and Ph.D, levels to cater to the human resource requirements for teaching and research in the fields of education, agriculture, environment, NGOs, research organizations, pharmaceutical and other industries. In first and second year, the students start their studies taking Botany as a major subject together with 2 subsidiary subjects from other Departments of the University.

In 3rd and 4th years, instead of the subsidiary subjects, they are required to study major subjects within the field of Botany. In M.Sc. Final, the students specialize in one of the branches of Botany which include: Applied Botany, Mycology & Plant Pathology, Plant Physiology, Plant Ecology, Phycology & Marine Botany and Plant Taxonomy.

## Facilities

The Department has well-equipped laboratories for undergraduate, graduate, post graduate studies and a vast collection of books and research papers in the Seminar library. Department of Botany has also established computer lab for fast track searching of study materials. It provides facilities to students for research on topics related to different fields of plants sciences. Karachi University Herbarium in the Department of Botany has a vast collection of plant specimens collected from different regions of Pakistan, in addition to a large collection of specimens of algae and fungi. The Department has established Shameel memorial library, Stress Physiology and Phenomics Center, Biosaline research lab and experimental field for research and productivity.

## Specific Research Areas

Faculty members are working in six specialized fields of plant sciences and are endeavouring to enhance knowledge of plant world. Following are the specific research areas:

1. Classical Taxonomy, Chemosystematics, Cytogenetics and Medicinal plants.
2. Plant Anatomy and Plant Tissue Culture.
3. Phycology, Marine Botany and Economic Importance of Seaweed.
4. Mycology, Plant Pathology, Fungal Biotechnology, Plant microbe interaction and Diagnosis of emerging and re-emerging plant diseases.
5. Plant Physiology, Plant enzymology, Biosaline Agriculture, Stress Physiology and Phenomics.
6. Plant Ecology, Dendrochronology and Environmental Pollution and Halophytes utilization.

Members of the teaching staff have completed about 50 research projects with the support of national and international funding agencies. Currently several research projects are in

progress. More than 2500 research papers have been published in journals of international repute by the teachers and researchers of the Department. The Pakistan Journal of Botany and International Journal of Biology and Biotechnology are also published from the Department of Botany, University of Karachi.

## Career Opportunities

Specialization in different branches of plant sciences offered by the Department is helpful in getting jobs in agriculture based organizations, research institutions, teaching in various colleges and universities and in environmental NGOs like WWF and IUCN.

## Faculty Members

### Professors

- Dr. Syed Ehtesham ul Haque
- Dr. Aliya Rehman (*Chairperson*)
- Dr. Shahnaz Dawar
- Dr. Rubina Abid

### Associate Professors

- Dr. Seemi Aziz
- Dr. Zamin Shaheed Siddiqui
- Dr. Sharf-un-Nahar
- Dr. Sadaf Gul
- Dr. Laila Shahnaz
- Dr. Aisha Begum

### Assistant Professors

- Mrs. Rubina Iqbal
- Dr. Neelofar Hamid
- Mrs. Amna Ahmed
- Dr. M. Faheem Siddiqi
- Dr. Maria Hamid
- Dr. Naeem Ahmed
- Dr. Muhammad Azeem
- Dr. Afshan Rehman
- Dr. Afsheen Athar
- Dr. Hafza Asma Shafique
- Dr. Muhammad Waseem Abbasi
- Dr. Muhammad Yousuf Adnan
- Dr. Asma Hanif
- Dr. Sana

### Lecturer

- Ms. Hira Ejaz

## Programs Offered

- B.Sc. (Hons.)
- M.Sc.
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 9926261300-6 Ext. 2288

**Website:** [www.uok.edu.pk/faculties/botany](http://www.uok.edu.pk/faculties/botany)

**Email:** [botany@uok.edu.pk](mailto:botany@uok.edu.pk)

Department of

# Chemistry

## Introduction

Chemistry is a noble central science which helps understand the origin of life and suggests ways to use non-living things for giving comfort to life. To train the young generation and to direct their approach to accomplish this task easily, it is necessary to make students understand the principles underlying the composition, structure and properties of substances along with the transformation that they undergo. It is therefore obvious that chemical orientation cannot be imparted in isolation and has to be developed through the knowledge of physics and biology on one hand and engineering and applied sciences on the other. The department of Chemistry, University of Karachi is well equipped for pursuing this goal having skilled and proficient faculty, well-equipped laboratories and other infrastructure.

The Department of Chemistry is one of the oldest Departments of University of Karachi. When the university was shifted to its present location, the department occupied one of the few newly constructed buildings and is still housed there for the last 66 years.

## Facilities

There are several libraries in the University of Karachi, which hold chemistry books and related technical journals. These include Department of Chemistry's own Seminar Library. This library has a stock of about 10,000 books and research journals on various fields of Chemistry. The Department of Chemistry is equipped with many modern instruments for training students for challenging careers and research. These include, pH/Ion meters, conductometers, polarimeters, refractometers, potentiometers, electrochemical analyzers, HPLC, atomic absorption spectrometers, UV-Visible spectrophotometers, FTIR Spectrometers, Guoy Balance for magnetic susceptibility measurements, flame photometers, computers, deionizers, analytical balances, ovens, furnaces, centrifuges as well as a substantial stock of glassware and chemicals. A modern instrumental laboratory has been furnished to house the new atomic absorption spectrometers, HPLC, GC, GC-MS nuclear magnetic resonance spectrometer as well as some other modern instruments. These and other instruments were acquired through a generous grant of Rs.39.95 million provided by the Higher Education Commission. The Department of chemistry has internet available in almost every teachers room/research lab, which is to the central facility through a fiber-optic link. Furthermore, the department also has a well equipped computer lab for 45 students.

## Specific Research Areas

Analytical, Inorganic, Industrial, Organic, Physical, Environmental, Pharmaceutical, Clinical and Polymer Chemistry.

## Career Opportunities

A person with a B.Sc. (Hons.) / M.Sc. degree in Chemistry has a wide choice of employment opportunities especially in one of the many industries listed below and research institutions that are emerging in the country. These include; Textile Industry, Pharmaceutical Industry, Clinical Laboratories, Oil Refineries, Chemical Industry, Paint Industry, Cement Industry, Beverages & Food Product Industry, Analytical & Instrumental Service, agencies, Polymer Industry.

## Faculty Members

### Professors

- Dr. Hajra Tahir (*Chairperson*)
- Dr. Rehana Saeed
- Dr. Muhammad Nasir Uddin Khan
- Dr. Rafia Saeed
- Dr. Nasreen Fatima
- Dr. Uzma Ashiq
- Dr. Shaikh Muhiuddin
- Dr. Erum Zahir
- Dr. Masooda Qadri

### Associate Professors

- Dr. Sumayya Saied
- Dr. Firdous
- Dr. Itrat Anis
- Dr. Shaista Perveen
- Dr. Rifat Ara Jamal
- Dr. Shazia Nasir
- Dr. Raheela Naz
- Dr. Zahid Hussain
- Dr. Syed Tariq Ali
- Dr. Syed Kashif Ali

### Assistant Professors

- Dr. Humaira Bano
- Dr. Imran Ali Hashmi
- Dr. Tehseen Ahmed
- Dr. Syed Nawazish Ali
- Dr. Agha Arsalan Wasim
- Dr. Mohsin Ali
- Dr. Saba
- Dr. Parveen Fazil
- Dr. S. Muhammad Saad
- Dr. Noshab Qamar
- Dr. Nida Ali
- Dr. Azhar Siddiqui
- Dr. Fakhrun Nisa Memon
- Dr. Munawwar Rasheed (On lien at CEMB)
- Dr. Naushaba Rafiq
- Dr. Summyia Masood
- Dr. Qurat ul Ain
- Dr. Hamida S. Muhammad
- Dr. M. Asad Khan Tanoli
- Dr. Nizam Uddin
- Dr. Safi Asim Bin Asif
- Dr. Maria Ashfaq Lodhi
- Dr. Sadaf Iqbal
- Mr. Muti ur Rehman
- Dr. Balal
- Dr. Muhammad Saad

## Programs Offered

- B.Sc. (Hons.)
- M.Sc.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2290

**Website:** [www.chemuok.edu.pk](http://www.chemuok.edu.pk)  
[www.uok.edu.pk/faculties/chemistry](http://www.uok.edu.pk/faculties/chemistry)

**Email:** [chemistry@uok.edu.pk](mailto:chemistry@uok.edu.pk)

Department of

# Computer Science

## Introduction

The Department of Computer Science has been engaged in imparting quality education in various Computer Sciences, Information & Communication Technologies and related disciplines for more than 3 decades. The Department was established by a resolution of Academic Council in its meeting held on November 27, 1984 and began functioning in the academic year 1985-86 by offering a two year degree program, Master of Computer Science (MCS). Then in 1996, it started a 4-year undergraduate program, BS (Computer Science), and a two year graduate program, MS (Computer Science) as well as Ph.D. (Computer Science). The Department is also offering BS (Software Engineering) for the last 16 years.

Alumni of the department are serving top international and national organizations, governments, science and technology institutions and other organizations for their business as well as development and research. Many of them have created unconventional state of the art solution needed by industry; own University-Spinoff companies, authors of books published by world renowned publishers.

The faculty and alumni have published and presented hundreds of research papers in reputed journals and conferences.

## Facilities

### Computing Facilities

The new building of the Department of Computer Science (UBIT) is fully equipped with latest technology for students to get hands-on experience on different platforms of both hardware and software fields of computer science. Each lab is equipped with latest high end user computing facilities. The internet facility is available round the clock in all the labs, which enables students and faculty members to keep in touch with the latest trends in academic and the corporate world. Following labs are functioning in the department:

- Physics Laboratory
- Electronics Laboratory
- Networking Laboratory
- Software Engineering Laboratory
- AI & Soft Computing Laboratory
- Network Security Laboratory
- Database and Information System Laboratory
- Graphics and Multimedia Laboratory
- General purpose Computing Laboratory

### Seminar Library

The department also provides an in-house seminar library facility which contains more than a thousand books on computer science/IT and related disciplines along with IT/CS magazines, international research journals and periodicals.

### Specific Research Areas

More than 300 Research Articles have been published by faculty members of this department. The department has also produced a number of Ph.Ds, during the past few years and over 25 candidates are in the process of completing their MS

(CS) and Ph.D. (Computer Science) research work. Our research areas include: Artificial Intelligence, Soft Computing, Neural Networks, Advance Database systems (temporal and fuzzy), MIS, Computer Networks, Network Security, Parallel & Distributed Computing, Natural Language Processing, image processing, graphics vision and machine learning.

## Career Opportunities

Excellent career opportunities exist for the graduates of Department of Computer Science. More than 80% of graduates are immediately hired by top ranking software houses and other institutions. Top software houses are in contact with the department and conduct job tests and hire students even before they complete their graduation. We are proud that our graduates are working in top international organizations and there are graduates who become entrepreneurs and run their own entrepreneurial businesses.

## Faculty Members

### Associate Professors

- Dr. M. Sadiq Ali Khan (*Chairman*)
- Dr. Tahseen Ahmed Jilani
- Dr. Nadeem Mahmood

### Assistant Professors

- Mr. Badar Sami
- Dr. Syed Jamal Husain
- Dr. Muhammad Saeed
- Mr. Hussain Saleem
- Mr. S. M. Khalid Jamal
- Dr. Syed Asim Ali
- Mr. Farhan Ahmed Siddiqui
- Dr. Humera Tariq
- Ms. Humera
- Dr. Syed M. Zain Abbas
- Mr. Mukesh Kumar

### Lecturers

- Ms. Erum Shahid
- Mr. Muhammad Saji
- Mr. Jamil Ahmed
- Mr. Naveed Anwar
- Ms. Shaista Rais
- Mr. Taha Bin Niaz
- Mrs. Madiha Khurram Pasha
- Ms. Maryam Feroze

## Programs Offered

- BS(BSCS) Computer Science (Morning/Evening)
- BS(BSSE) Software Engineering (Morning/Evening)
- MCS (Morning/Evening)
- PGDCIS (Evening)
- M.S. Computer Science
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2462/3462

**Website:** [www.uok.edu.pk/faculties/computerscience](http://www.uok.edu.pk/faculties/computerscience)

**Email:** [info@uok.edu.pk](mailto:info@uok.edu.pk)

Department of

# Food Science & Technology

## Introduction

The department of Food Science & Technology was established in 1994 to cater the needs of the fast growing food industries in the country and also to meet the ever growing demand for food scientists and technologists in government, research and educational establishments. Over the years, the department has developed linkages with universities in Germany, UK and U.S.A. The Department has also been involved in organizing workshops, seminars, conferences and training courses. Industrial visits and internship are regular features and mandatory part of our BS curriculum. Presently it enjoys a very good rapport with both national and multinational food companies of Pakistan.

## Facilities

Eight fully air-conditioned classrooms equipped with modern teaching tools/gadgets.

## Laboratory Facilities

The Department has laboratories equipped with all basic facilities. The laboratories include Food Engineering, Food Chemistry, Food Microbiology, Food Quality, Food Analysis, Food Biochemistry and Post-Harvest, Food Analytical and Computer/I.T. These laboratories are equipped with state-of-the-art sophisticated instruments namely Differential Scanning Calorimeter, Universal Testing Machine, Visco-Amylograph, Bomb Calorimeter, UV Visible and Near Infra Red Spectrophotometers, Polarimeter, Atomic Absorption, Gas and High Performance Liquid Chromatographs.

## Specific Research Areas

- Post-Harvest lives of fruits and vegetables
- Edible films and coatings
- Modified Starches
- Antioxidants
- Flavonoids
- Nutraceuticals

## Career Opportunities

The graduates of Food Science can work as Food Technologists; Food Engineers; Food Analysts; Food Production Managers; Food Quality Control/ Assurance Managers; Food Safety Inspectors; Food Researchers or Research and Development Managers

## Faculty Members

### Professors

- Dr. Muhammad Abid Hasnain
- Dr. Syed Asad Sayeed

### Associate Professor

- Dr. Shahina Naz (*Chairperson*)

### Assistant Professors

- Dr. Rahmanullah Siddiqui
- Ms. Faiza Abdur Rab
- Dr. Feroz Alam
- Dr. Tahira Mohsin Ali
- Dr. Muhammad Abdul Haq
- Dr. Zubala Yasir
- Dr. Syed Muhammad Ghufuran Sayeed
- Dr. Anjum Nawab
- Dr. Lubna Mobin
- Dr. Marium Shaikh

### Lecturer

- Ms. Abeera Moin

## Programs Offered

- BS
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6Ext. 2413

**Website:** [www.uok.edu.pk/faculties/foodscience](http://www.uok.edu.pk/faculties/foodscience)

**Email:** [fst@uok.edu.pk](mailto:fst@uok.edu.pk)

Department of

# Genetics

## Introduction

The department of Genetics was established in 1969 at the University of Karachi. The department has highly qualified faculty members and takes great pride in maintaining an intellectual atmosphere in order to promote learning.

## Facilities

The department maintains an in-house seminar-library as well as computer clusters in the Bioinformatics Lab. In addition to the regular teaching laboratories, there are four research laboratories equipped with modern and latest apparatus for research students. Some in-house recreational facilities are also available for healthy activities of students.

## Specific Research Areas

Various research projects have been completed successfully in the department and many others are in progress, including the ones on human genetics, plant genetics and microbial genetics. The Department also enjoys collaboration in research with many foreign and local universities including other departments of the University of Karachi. The outcome of the research has been published in various reputed international journals.

## Career Opportunities

Graduates of the department have job opportunities in hospitals, universities and industries. Many of the former students are also serving in various organizations in foreign countries.

## Faculty Members

### Professors

- Dr. Maqsood A. Ansari (*Chairman*)
- Dr. Uzma Badar

### Associate Professors

- Dr. ObaidYusuf Khan
- Dr. Fouad Masood Qureshi
- Dr. Simeen Mansoor Shahid
- Dr. Erum Shoab

### Assistant Professors

- Dr. Shakeel ur Rehman Farooqui
- Dr. Nadia Khan
- Dr. Shumaiza Anis
- Dr. Rifat Ahmed

### Lecturers

- Ms. Ayesha Riaz
- Ms. Sarwat Afshan
- Ms. Aribah Naz

## Programs Offered

- M.Sc.
- Diploma in Applied Genetics (Evening)
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2218

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## Department of

# Geography

## Introduction

The Department of Geography is one of the pioneer departments of the University of Karachi, established in November 1952. Internationally recognized geographers and teachers including the young and enthusiastic faculty members have eminently served the Department. The Department has an excellent academic history. Prof. Dr. Manik B. Pithawala as the first Chairman (leading author of local geographical literature, with more than 35 excellent books), followed by Prof. Oskar Schmieder, a leading German geographer also served as Chairman in the Department followed by the leadership of top eminent Geographer of South Asia, Prof. Dr. Iqtidar H. Zaidi (1985-1988). The Department of Geography has been actively engaged in teaching and research facilities in various fields of geography for the last 67 years and produced outstanding graduates serving Pakistan and abroad in organizations of international repute. It also organizes Graduate and Post Graduate courses including MS /M.Phil and Ph.D. programs. It is the only department among all Universities of Pakistan which has hosted International Geography Union Conference. Moreover it also hosted 2nd, 7th and 13th all Pakistan Geographical Conferences in the years 1967, 1997 and 2008 respectively. A grand International South Asian SURE Conference was organized by the Department in January 2017. The department has the honor to produce the largest number of Ph.D./M.Phil. graduates in Pakistan (about 60). The prime objective of the Department is to conduct pragmatic geographical research in the domain of both physical and social sciences. Department of Geography has strong linkages with Humboldt University (Germany), University of Salzburg (Austria), Hamburg University (Germany), University of British Columbia, Canada and University of Georgia (USA).

## Facilities

### Department of geography has

- A separate building (Housed in 21 rooms including Lecture rooms)
- Well-equipped Remote Sensing GIS Labs.
- Dr. I. H. Zadi Lab. of Digital Image Processing.
- GIS Lab.
- Remote Sensing GIS Lab.
- Cartography Lab.
- Seminar Library
- Survey Equipment Store
- Meteorological Observatory
- Abdur Rauf Khan's Prehistoric Museum

## Specific Research Areas

- Advanced Cartography
- Agricultural Geography
- Agro-Climatology
- Arid Lands: Desertification and Management
- Regional Planning and Development
- Metropolitan Transportati
- Transportation Geography
- Political Geography

- Disease Ecology
- Ecology of Natural Resources
- Environmental Geography
- Geographical of Transportation
- Geography of Recreation and Tourism
- Water Resource Management
- GIS Lab.
- Remote Sensing
- Rural Geography
- Population Geography
- Oceanography
- Urban Ecology
- Urban Land use and Planning
- Management of Water Resources
- Natural Hazards and Disaster Management

## Career Opportunities

Geography graduates with Master's degree generally find useful employment in many major fields, *i.e.*, education, environment, administration and private organizations. Development authorities and agencies throughout the country utilize their expertise. In particular government departments, *i.e.*, Survey of Pakistan, GSP, Statistical Bureaus, Population Census, SUPARCO, Archeological Department, Meteorological Department, Planning Commission, and provincial departments of planning and development have employed geographers for their special skills. Private consulting firms and non-governmental Organizations (NGOs) also utilize the expertise of geographers. There are various fields of applications in Pakistan where geographers can excel successfully.

## Faculty Members

### Professors

- Dr. Syed Jamil Hasan Kazmi
- Dr. Shamshad Akhtar (*Chairman*)
- Dr. Sheeba Afsar

### Assistant Professors

- Dr. Saima Shaikh
- Dr. Anila Kausar
- Dr. Yasmeen Anis
- Dr. Salman Zubair
- Dr. Lubna Ghazal
- Dr. Imran Ahmed Khan

## Programs Offered

- B.A./B.Sc. (Hons.)
- M.A./M.Sc.
- MS/Ph.D. in Remote Sensing & Geographical Information System (RS/GIS) (Evening)
- M.Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2292

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**Email:** [geography@uok.edu.pk](mailto:geography@uok.edu.pk)

Department of

# Geology

## Introduction

The department of Geology, University of Karachi, is one of the oldest institutions for teaching geology in the country. It started functioning in 1954 under Prof. Dr. Manek B. Pithawala, a renowned geologist of pre-partition days and the author of the book "Geology and Geography of Karachi".

The journey of progress and development is still continuing since the establishment of the department. Staff members after obtaining higher degrees and advanced trainings, impart their experience and knowledge to future geologists. The department is determined to keep updated with the latest of developments in the field of geology and has introduced a variety of subjects like, Geochemistry, Petroleum Geology, Geo-morphology, Sedimentology, Marine Geology, Economic Geology, Hydrogeology, Engineering Geology, Geophysics and Environmental Geology.

The department of Geology has produced a large number of graduates. Most of our graduates hold key positions in national and multinational organizations and have made significant contributions in their fields of specialization. The department has a good history in producing M. Phil. and Ph.D. scholars. A number of research projects in collaboration with national institutions and multinational companies are in progress. Staff members of the department have also published numerous research articles in journals of national and international repute, having high impact factor.

## Facilities

The department has an impressive geology museum, which houses a large collection of valuable rocks, fossils and mineral specimen. The department has a wide range of advanced laboratory facilities. There are well-equipped research/ teaching geochemistry, geophysics, petrology, environmental, economic, marine and engineering geology laboratories. The department also has a seminar and a reference library with a reasonable collection of books and journals.

The department also organizes technical lectures and seminars, conducted by professionals to develop sound knowledge and skills in students for their career building. Students also participate in many renowned / learned societies of geological orientation such as AAPG, PAPG, SPE, KUGAA& SEGMITE. Moreover, geological field work in the selected areas of the country, as an essential part of curriculum, is conducted by the faculty for students' practical training.

## Specific Research Areas

- Geochemistry
- Sedimentology
- Hydrogeology
- Petrology
- Geophysics
- Engineering Geology
- Environmental Geology
- Petroleum Geology
- Economic Geology
- Marine Geology

## Career Opportunities

There is a wide field of applications for young geologists in the country. Majority of earth science graduates are engaged in oil and gas sector, either in the exploration or services companies. Other important job opportunities are available in mineral exploration organizations. Employment in mineral based industries is also one of the most promising fields of work. Geology graduates are also sought after by the geochemical, geophysical, geotechnical consultancies and soil and foundation investigations. The job prospects in hydrogeology, environmental, engineering geology and urban planning are growing rapidly. Global Information System (GIS) and remote sensing are innovative fields of interest for geologists. Recently, alternate energy sectors have (coal, wind, solar, geothermal etc.) opened new horizons of working. Some graduates prefer to stay in the academic and R&D worlds as teachers and researchers. Graduates also have career in GSP, PCSIR, HDIP, PPL, OGDCL, WAPDA, NIO, PMDC, coastal development authorities and offshore oil exploration companies.

## Faculty Members

### Professors

- Dr. Erum Bashir (*Chairperson*)

### Assistant Professors

- Mr. Muhammad Bilal
- Dr. Salma Rafi
- Mrs. Sadaf Ismail
- Dr. Sadaf Naseem
- Dr. Adnan Khan

### Lecturers

- Mr. Muhammad Arsalan
- Ms. Shellah Bano
- Ms. Maria Kaleem
- Ms. Bushra Shahab

## Programs Offered

- B.Sc. (Hons.)
- M.Sc.
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6, Ext- 2295

**Website:** [www.uok.edu.pk/faculties/geology](http://www.uok.edu.pk/faculties/geology)

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Department of

# Health, Physical Education & Sports Sciences

## Introduction

The department established in 1996, initially introduced one year Masters program in physical education after Bachelor of Physical Education (B.P.ED). The 2-year Masters program was introduced in 2001, while B.Sc.(Honors) Program was introduced in January 2012.

The department of Health, Physical Education & Sports Sciences provides students with knowledge and skills to enable them to achieve autonomy in developing and maintaining their physical, mental, social and emotional health. The subject matter focuses on the importance of a healthy lifestyle and physical activity in the lives of individuals and groups in society.

## Facilities

The department is equipped with all the required practical facilities. A variety of sports facilities including playing fields for cricket, hockey, football and athletics, a squash court and indoor games facilities in the campus gymnasium are also available.

Every year competitive sports for both male and female students are organized at inter-departmental, inter-collegiate and inter-university levels through a variety of sports like hockey, football, cricket, badminton, athletics, etc.

The department plans to establish a fully equipped Human Performance Laboratory to incorporate the latest techniques and performance analysis methodologies.

## Specific Research Areas

The Department of Health, Physical Education & Sports Sciences has a broad scope for qualitative as well as quantitative research in the field of Kinesiology, Exercise Physiology, Socioeconomic impact of Physical Education and Curriculum development.

## Career Opportunities

A degree in Health, Physical Education & Sports Sciences prepares graduates to teach physical education at a public and private high school/college/University, or become a Director/Deputy Director of Physical Education

Program, an athletic trainer or a fitness instructor. Furthermore, people with a physical education degree can work in city parks and recreation departments.

## Faculty Members

### Associate Professor

- Dr. Basit Ansari (*Chairman*)

### Assistant Professors

- Mr. Mazahir Zia Shaikh
- Ms. Shazia Tabassum
- Mr. Humayun Imran Azeemi

### Lecturers

- Mr. Kunwer Muhammaad Asif
- Mr. Muhammad Wasif Nisar

## Programs Offered

- B.Sc. (Hons.)
- M.Sc.
- Doctor of Physical Therapy (DPT)

## For Further Enquiry

**Telephone:** 99261300-6 Ext - 2263

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**Email:** [hps@uok.edu.pk](mailto:hps@uok.edu.pk)

Department of

# Mathematics

## Introduction

The Department of Mathematics was established in 1956. Prof. Dr. Suleman Kerawala was the Founder Chairman. Many new courses including Applied Abstract Algebra, Biomathematics have been introduced to highlight the application of Mathematics in different fields. The mission of the Department is to bring life to Mathematics and Mathematics to life. Areas of Pure Mathematics, Applied Mathematics and Interdisciplinary Mathematics are being pursued in teaching and research. Students are facilitated to become acquainted with the elementary tools of Mathematics and the techniques to use them at all levels. The department has many Ph.D. faculty members who have published their research work in National and International Journals.

## Facilities

The Department offers peaceful environment and provides all modern facilities to students. This is the second largest Department of the Faculty of Science, with three-story building consisting of many rooms, computer laboratory with internet facility and seminar library having three thousand books. To keep the students informed and updated with the latest developments in the modern era, Department organizes seminars and workshops for faculty members and students. The Faculty Members and students actively participate in local, national and international mathematical activities and conferences.

## Specific Research Areas

The Faculty is engaged in research in the following areas:

- Algebra
- Astrodynamics
- Fluid Dynamics
- Mathematical Physics
- Numerical Analysis
- Operations Research
- Relativity and Gravitation
- Climate Dynamics
- Mathematical Inequalities and Applications
- Time Scale

The Ph.D. program facilitates young researchers in getting the experience necessary to do original research in areas of their interest.

## Career Opportunities

Our graduates have been employed in the Educational, Financial, Industrial and Commercial

Institutes. They can choose any of the following professions: High School Mathematics Teacher, College Mathematics Professor, Actuary, Software Designer, Biostatistician, Government Lab Researcher, Financial Analyst, Industry Analyst/Engineer, Education Materials Developer, or Industry Consultant at SUPRACO etc.

## Faculty Members

### Associate Professor

- Dr. Najeeb Alam Khan (*Chairman*)

### Assistant Professors

- Dr. Mushtaq Ahmed
- Mr. Muhammad Javed Ansari
- Mr. Waseem Ahmed Khan
- Dr. Syeda Sadia Zia
- Mr. Waseem Ahmed Ansari
- Dr. Saba Naz
- Dr. Tanveer Ahmed Siddiqi
- Dr. Muhammed Imtiaz
- Dr. Syed Inayatullah
- Dr. Muhammad Ayaz
- Dr. Asif Raza Khan
- Dr. Saqib ur Rehman
- Dr. Syed Ahmed Hassan
- Dr. Fozia Hanif

### Lecturers

- Mr. Shahid
- Mr. Asif Iqbal
- Ms. Asma Rani
- Ms. Hafsa Athar Jafree
- Ms. Hina Zaheer
- Ms. Noor Fatima
- Mr. Ateeq Razzak
- Ms. Samreen Ahmed
- Ms. Samira Sahar Jamil
- Ms. Sumayyah Sadi
- Mr. M. Usman Qureshi
- Ms. Wajeeha Riaz
- Ms. Aghzia Akram
- Ms. Mehwish Shafi Khan
- Mr. Salman Safdar

## Programs Offered

- B.A./B.Sc.(Hons.)
- BS Financial Mathematics
- BS Computational Mathematics
- M.A./M.Sc.
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2293

**Website:** <http://math.uok.edu.pk>  
[www.uok.edu.pk/faculties/mathematics](http://www.uok.edu.pk/faculties/mathematics)

**Email:** [mathematics@uok.edu.pk](mailto:mathematics@uok.edu.pk)

Department of

# Microbiology

## Introduction

The Department of Microbiology was established in 1957 and was the one and only department in the field for many years in this country, offering undergraduate and postgraduate degrees.

Microbiology is a broad discipline with both basic and applied aspects. Therefore, microbiologists must have a good understanding about microbial taxonomy, genetics, immunology and physiology to identify these agents, explore their metabolic potential on commercial levels and to manipulate these organisms for the betterment of humanity. The study of microorganisms and their potential is also necessary for the production of bread, cheese, antibiotics, vaccines, vitamins and many other important products. Microorganisms are involved in causing serious infections in humans, animals and plants.

Because of the importance of the subject and its applicability, this department is now regarded as one of the best departments within the Faculty of Science. As a result, this department has become one of the popular departments and a large number of students choose to study Microbiology.

## Facilities

### Laboratory and Lecture Rooms

The Department has 10 laboratories and 3 lecture hall/rooms where theory and practical classes are held. In addition to this, there are 3 media preparation rooms.

### Cold Room Facility

The Department of Microbiology is the only teaching department which possesses cold room where research experiments at below ambient temperature can be conducted.

### Computer Lab.

The lab with internet facility is available to all students.

### Research Lab.

A separate well-equipped lab is allocated for research students.

## Specific Research Areas

Research scholars are working on exceptionally diverse areas of microbiology including: various fields in biochemistry, genetics, clinical microbiology, mechanisms of microbial virulence, epidemiological studies, studies on microbial enzymes of industrial importance, biotransformation, studies on bioactivities of microbial metabolites, immunological aspects of diagnosis, molecular aspects of disease diagnosis and microbial control, bacteriocins, bioactivities of natural products, molecular biology of phages, biodiversity & environment exploration of biotechnological potential of micro-organisms and many others.

## Career opportunities

A person with M.Sc. in Microbiology has a choice of employment opportunities in the following organizations:

- Pathological/ clinical/ hospital laboratories
- Food and beverage industry and agriculture
- Pharmaceutical industry
- Biotechnology industry
- KWSB/ KMC/ R & D organizations
- University/ colleges teaching and research
- Epidemiological monitoring programs
- Environmental monitoring and impact assessments

## Faculty Members

### Professor

- Dr. Talit Yasmeen Mujahid (*Chairperson*)

### Associate Professors

- Dr. Asma Naeem
- Dr. Tanveer Abbas
- Dr. Syed Abdus Subhan
- Dr. Abdul Wahab
- Dr. Zaid Ahmed
- Dr. Muhammad Sohail
- Dr. Adnan Khan
- Dr. Nusrat Jabeen

### Assistant Professors

- Ms. Nayyar Mehmood
- Dr. Fozia Haider
- Dr. Muneera Naz Baloch
- Dr. Wajeeha Binte Asad
- Urooj Zafar
- Dr. Sadiha Muhammad Saleemullah Khan
- Dr. Asma Saeed
- Mr. M. Tariq Tayyab
- Dr. Sana Eijaz
- Dr. Anjum Zhera Naqvi
- Dr. Yasir Raza

### Lecturers

- Ms. Tasneem Akhter
- Ms. Amna Alam

## Programs Offered

- B. Sc. (Hons.)
- M. Sc.
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext - 2248

**Website:** [www.uok.edu.pk/faculties/microbiology](http://www.uok.edu.pk/faculties/microbiology)

**Email:** [mb@uok.edu.pk](mailto:mb@uok.edu.pk)

Department of

# Petroleum Technology

## Introduction

The masters program for the department of Petroleum Technology in the University of Karachi was initiated in 1996 under the evening program, while in the morning program it was introduced in 2004. From the session 2013-14, B.Sc.(H) was also introduced in the morning program. The program aims to meet the future technical and professional requirements in petroleum industry. It is a multi-disciplinary program of the Faculty of Science/Engineering organized in collaboration with the petroleum industry.

The department aims to impart theoretical and practical knowledge in upstream and downstream activities of petroleum industry such as chemistry, geology, drilling, exploration, production, reservoir, pipeline, corrosion, natural gas, LPG, refining technologies, environmental impact, health and safety designs, petroleum logistics, marketing and management, etc.

The Department of Petroleum Technology has produced a large number of graduates who hold key positions in national and international organizations.

## Facilities

Internship and training programs are arranged for students in various sectors of oil and gas industries such as oil companies, refineries and services companies, i.e. Pakistan Oilfield Limited, Oil and Gas Development Corporation, National Refinery, Pakistan Refinery, Pak Arab Refinery, Byco Refinery, Pakistan State Oil Ltd, Shell Pakistan, UEP Pakistan, Sui Southern Gas Co Ltd, Baker Huges, Halliburton Ltd, Marathon Construction, Mari Gas, MOL Pakistan, Nuricon, OMV Pakistan etc. This helps in preparing prospective candidates for the petroleum industry.

The department also organizes technical lectures and seminars to develop sound knowledge and skills in the students for their career-building. Students also participate in the students chapters of many learned societies such as SPE, PAPG, KUPTAA. Students are engaged in field work in various industries/areas for practical training/knowledge.

## Career Opportunities

Students obtaining a Master's degree in Petroleum Technology can easily get jobs in Pakistan, Middle East and other countries. A Petroleum technologist is required by petroleum industry at every stage i.e. exploration and development of oil and gas fields, transportation and distillation of crude in refineries, as well as distribution and marketing of its products.

## Faculty Members

### Assistant Professors

- Mr. Kashif Sadiq (*In Charge*)
- Mr. Syed Ghufuran Alam

### Lecturers

- Engr. Syed Hasan Abbas Zaidi
- Mr. Atif Zafar
- Mr. Faraz Sufyan
- Mr. Anaiz Gul Fareed
- Mr. Abdul Ahad Mazoor

## Programs Offered

- B.Sc. (Hons.)
- M.Sc.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2418

**Website:** [www.uok.edu.pk/faculties/petroleumtechnology](http://www.uok.edu.pk/faculties/petroleumtechnology)

**Email:** [pt@uok.edu.pk](mailto:pt@uok.edu.pk)

## Department of

# Physics

## Introduction

The department of Physics was established in 1952 with Professor Dr. Mujtaba Karim as the founding Chairman. Currently the department plays an important role in the development of Science and Technology in the country. Since its inception, a considerable number of students have obtained their degree and are now rendering their services in reputable organizations within and outside the country. The department has eighteen regular faculty members and a number of visiting, assistant and associate teachers. The department of Physics offers a full program of courses and research leading to B.Sc.(H), M.Sc., M. Phil. and Ph.D. degrees. Each year over one thousand students attend Physics courses in the department. To keep students abreast with the recent development in the field of Physics, conferences and seminars are also organized in the department.

## Facilities

Beside teaching laboratories, the department has a number of other laboratories for research purpose, like:

- Spectroscopy Research Laboratory
- Solid State Research Laboratory
- Condensed Matter Research Laboratory
- Electronics Laboratory
- Computer Laboratory
- A Liquid Nitrogen Plant
- Seminar Library
- Mechanical Workshop
- Glass Blowing Section
- Brain Computer Interface Laboratory

## Specific Research Areas

The most significant aspect of learning Physics is that it is an experimental science, not an abstract intellectual discipline. Presently, M.Phil. & Ph.D. programs are in progress and research study in various fields is being done. In these studies, collaboration from other organizations & institutes is also sought when needed. Qualified faculty members are actively engaged in research areas such as:

- Spectroscopy
- Medical Physics
- Environmental Science

- Space Physics
- Theoretical Physics
- Material Science
- Optics
- Neurophysics

## Career Opportunities

After earning a degree in Physics with good grades, there are bright chances of acquiring employment in government and private sector. For higher studies leading to M.Phil./Ph.D., interested students may proceed abroad or continue their education within the country. Graduates are also offered the opportunity to work as teaching associate / assistants in the department.

## Faculty Members

### Professors

- Dr. Shahid Mahmood
- Dr. Shabana Rizvi

### Associate Professors

- Dr. Imran Ahmed Siddiqui (*Chairman*)
- Dr. Zaheeruddin
- Dr. Intikhab Ulfat
- Dr. Syed Rizwan Ali

### Assistant Professors

- Dr. Syed Zeeshan Abbas
- Dr. Saifuddin Ahmed Jilani
- Dr. Asim Aijaz
- Dr. Sadaf Fatima
- Dr. Ibrahim Muhammad Babar

### Lecturers

- Ms. Rabia Najam
- Mr. Sheikh Muhammad Zeeshan Iqbal
- Mr. Ommair Ishaque
- Mr. Waqar Ahmed
- Ms. Rizwana Siddiqui
- Mr. Kamran-ul-Haq Khan
- Mr. Zuhoor Ilahi
- Mr. Imran Ahmed

## Programs Offered

- B. Sc.(Hons.)
- M. Sc.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext- 2250

**Website:** [www.uok.edu.pk/faculties/physics](http://www.uok.edu.pk/faculties/physics)

**Email:** [physics@uok.edu.pk](mailto:physics@uok.edu.pk)

## Department of

# Physiology

## Introduction

Being the backbone of every medical breakthrough, the Department of Physiology occupies an exalted position in the faculty of Science, University of Karachi. The department holds the legacy to introduce teaching and research programs in Basic and Experimental Physiology outside the medical college and is proud to be the only department which has produced M.Phils. and Ph.Ds. in various disciplines of Physiology. Currently, the department is engaged in teaching and research areas that include: neurophysiology, endocrine physiology, reproductive physiology, poultry physiology, pathophysiology and hematology.

As Physiology is the base that resonates from cell to organism, likewise the mission of this department is to nurture the young minds who can become quality scientists and learners. The department aims to produce experts that diligently harvest in cutting-edge research and generate endless possibilities for the development of novel therapeutic drugs and technologies.

## Facilities

The department has sufficient facilities necessary to run the academic and research activities such as:

- Well-equipped Labs for students & researchers
- Audiovisual aids like overhead projectors, multimedia, camera and television for interactive teaching.
- A well-organized Seminar Library with the latest textbooks and references on various disciplines of Physiology.
- Basic & ultimate Power Lab for laboratory experiments & demonstrations.
- Computer facilities in all special units for researchers. A separate computer laboratory is also available for academic & research activities.
- Internship facilities for students in different organizations.

## Specific Research Areas

At present, the department has five well-equipped labs specializing in the fields of Pathophysiology, Molecular Endocrinology, Neuromuscular Physiology, Haematology and Poultry Physiology supporting post graduate studies along with an animal house. Moreover, the faculty members are conducting research in various fields of contemporary Physiology to explore normal and abnormal physiology which includes areas in diabetes, cancer, female fertility, ischemic renal disease, oxidative stress, liver cirrhosis, preeclampsia, infertility, CKD etc.

## Career Opportunities

Physiology opens up a wide range of careers in both basic and applied science dominantly related to healthcare. As Physiology is an experimental science, it develops many transferrable skills. With an undergraduate or postgraduate degree in Human Physiology and an excellent grounding to study further, there are a variety of careers one can opt for, like working as lab technician, clinical trials coordinator, medical assistant, scientific or medical writer, Exercise physiologist, Pharmacologist, Research scientist (medical). Clinical scientist, Medical sales representative, Physiotherapist, Neurophysiologist etc.

## Faculty Members

### Associate Professor

- Dr. Taseer A. Khan (*Chariman*)

### Assistant Professors

- Dr. Arifa Savanur
- Mr. Zulfiqar Ahmed
- Dr. Nazish Iqbal Khan
- Dr. Lubna Naz
- Dr. Sadaf Ahmed
- Dr. Anwar Ali
- Dr. Sumera Sohail
- Dr. Mudassir H. Rizvi
- Ms. Samia Mushtaq
- Dr. Mehru Nisa
- Dr. Ghazala Yasmeen
- Ms. Ambreen Niazi

### Lecturers

- Mr. Faizan Mirza
- Ms. Uzma Firdous
- Mr. Muhammad Nisar

## Programs Offered

- B.Sc.(Hons.)
- M.Sc.
- M.Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2296 / 3458

**Website:** [www.uok.edu.pk/faculties/physiology](http://www.uok.edu.pk/faculties/physiology)

**Email:** [physiology@uok.edu.pk](mailto:physiology@uok.edu.pk)

## Department of

# Statistics

### Introduction

The department of Statistics, University of Karachi was established in the year 1963. Both in terms of physical facilities and academic facilities, the department of Statistics is one of the most popular departments in the university.

### Facilities

The department has a Seminar Library and data bank stocked with a number of latest books on all branches of Statistics. The library has also a large collection of statistical publications of national and international organizations. The students and researchers are also using the facilities of data bank in the department that has several computer laboratories with more than 100 computers.

Well-equipped Computer Laboratories with an environment of networking and statistical packages such as SAS, SPSS, S-PLUS, R.STATA, EVIEWS, MATHEMATICA, MATLAB, MINITAB, ITSM etc, are available for students and researchers.

### Career Opportunities

The opportunities are open for the students of Statistics and Actuarial Sciences and Risk Management in all fields including banks, industries, government organizations (FBS, SBS, PBS, State Bank, etc.), research organizations, insurance and investment fields.

### Faculty Members

#### Professor

- Dr. Mudassir Uddin

#### Associate Professors

- Mr. Muhammad Aslam
- Dr. Ehtesham Hussain (*Chairman*)

#### Assistant Professors

- Mrs. Rafia Shafi
- Dr. Farah Yasmeeen
- Dr. Arfa Maqsood
- Dr. Suboohi Safdar
- Dr. Bushra Shamshad
- Ms. Samreen Fatima

#### Lecturers

- Ms. Rahat Bibi
- Ms. Tanzila Yaqoob
- Ms. Zara Omar
- Ms. Saba Naz
- Mr. Tayyab Raza Fraz

### Programs Offered

- B.A./B.Sc.(Hons.)
- M.A./M.Sc.
- BS Actuarial Sciences and Risk Management
- M.Sc. Applied Statistics (Evening)
- M.Phil.&Ph.D.
- Post-Graduate Diploma in Statistics

### For Further Enquiry

**Telephone:** 99261300-6 Ext-2298

**Website:** [www.uok.edu.pk/faculties/statistics](http://www.uok.edu.pk/faculties/statistics)

**Email:** [stats@uok.edu.pk](mailto:stats@uok.edu.pk)

## Department of

# Zoology

### Introduction

The department of Zoology was established in 1951 and holds a pivotal position in the faculty of Science. Right from its inception, the department has imparted quality education at B.Sc.(Hons.) and M.Sc. levels. It also provides facilities for post-graduate research leading to M.Phil. and Ph.D. degrees. Presently almost all the faculty members are Ph.D. degree holders. More than 80 research projects funded and sponsored by national as well as international agencies have been successfully completed by the faculty members. Three research journals are edited by our faculty members: *Wildlife and Natural History*, *International Journal of Biology Research* and *Pakistan Journal of Entomology* (HEC recognized). We are proud to mention that more than two thousand (2000) research paper by the faculty members of Zoology have been published in national and international research journals. Besides the publication of research papers, our faculty members have published 75 books and monographs.

### Facilities

The department has a Computer Lab and Instrument Labs of Toxicology and Hydrology containing Atomic Absorption HPLC. and GLC, Graphite Furnace, Colorimeter, Spectrophotometer and latest microscopic photographic system. In addition to the instrument Labs, the department has a Museum of Natural History which occupies a special place among the museums of Pakistani universities. It has a huge collection of vertebrates and invertebrates from James Murray's collection and substantial collection of fresh water and Marine fauna of Arabian Sea, Persian Gulf and Indian Ocean. Since the establishment of the Department a considerable addition of insects has been made from various areas of Pakistan and Bangladesh including Oriental, Trans-Himalayan (Palaeartic) and Ethiopian region from Lasbela and Makran Coast. Work on fish taxonomy and pathology (freshwater and marine), protozoans, helminths, insects and other arthropods is undertaken by trained and experienced staff. The department is also working in collaboration with the outstanding taxonomists in Japan, Europe, U.S.A. and Canada.

### Specific Research Areas

- Applied Zoology
- Entomology
- Limnology and Freshwater Fishery Biology
- Marine Zoology
- Parasitology
- Wildlife and Fisheries

### Career Opportunities

The graduates of Zoology get jobs as teachers of Zoology in Universities, Colleges and Schools, and as subject experts in various Educational Boards. Job opportunities are available in the Department of Agriculture, Agriculture Extension Department, Department of Forestry, Plant Protection, Freshwater Fisheries, Marine Fisheries Department, Fish Processing Industries, Coastal Development, Marine Observatorie, Environmental Protection Agency (EPA),

Fisheries Harbour Authority, Naval Hydrography and Shipping Industries, Wildlife Management Department, Foods and Resource Economics, Medicine Companies, Aquaculture Industries, Zoological Survey Department, Zoological Gardens, Safari Parks, Pakistan Council of Scientific and Industrial Research, National Institute of Oceanography, Pakistan Agricultural Research Council, IUCN, Public and Private sectors, pathological laboratories, Pakistan Atomic Energy Commission (Entomology section), Pesticide companies and pest control agencies, Pakistan Central Cotton Committee, Govt. of Pakistan Horticulture Department, Quarantine Department, Armed Forces Pest Control Positions, hospitals, Govt. Health Department and Malaria Management Department, etc. They are also hired by Middle East and Far East Countries for Forestry Department, Aquaculture industries related to marine resources and pest control programmes.

### Faculty Members

#### Professors

- Dr. M. Arshad Azmi (*Chairman & Controller of Examination*)
- Dr. Nasira Khatoon
- Dr. Rehana Yasmeen Farooq
- Dr. Syed Ansar Rizvi
- Dr. Musarrat Jahan Yousuf
- Dr. Seema Tahir

#### Associate Professors

- Dr. Rahila Tabassum
- Dr. Farzana Yousuf
- Dr. Muhammad Shoaib
- Dr. Solaha Rahman
- Dr. Karim Gabool

#### Assistant Professors

- Ms. Afshan Jabbar Khan
- Dr. Ghazala Yasmeen
- Dr. Shahina Rao
- Dr. Rizwana A. Ghaffar
- Dr. Samreen Mirza
- Dr. Sumera Farooq
- Dr. Shakeel Perveen
- Dr. M. Tariq Rajput
- Dr. Roohi Kanwal
- Dr. Atia Batool

### Programs Offered

- B.Sc.(Hons.)
- M.Sc.
- M.Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-6 Ext-2299

**Website:** [www.domsku.com/zoology](http://www.domsku.com/zoology)  
[www.uok.edu.pk/faculties/zoology](http://www.uok.edu.pk/faculties/zoology)

**Email:** [zoology@uok.edu.pk](mailto:zoology@uok.edu.pk)

# RESEARCH INSTITUTES & CENTERS



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# Applied Economics

## Research Centre

### Introduction

The Applied Economics Research Centre was established in 1973, with funding from the Ford Foundation and the Provincial Government of Sindh. From its inception, the Centre has undertaken research on issues in applied economics, with special interest in the areas of agriculture, human resources, urban and regional economics and public finance. With subsequent growth of the Centre, its activities have broadened to include the advance training of economists from all parts of Pakistan. A major development in this connection has been the introduction of its own postgraduate degree program, the Master of Applied Science (Economics), which began in 1977. Since 1988, this has been upgraded to M. Phil. / Ph.D. Programme.

### Facilities

#### Library

The centre maintains a rapidly expanding library in the field of economics related to its principal research interests as well as a wide range of materials used for the teaching program. The library currently subscribes over 200 periodicals in economics and the social sciences. The collection of books number approximately 16,000. Included in the library is an extensive collection of government of Pakistan publications, which are used by researchers as a valuable source of data. The library has a large collection of working papers of international agencies like the World Bank, IMF etc. and discussion papers series of Universities abroad.

#### Computer

The AERC has a fully operational computer cell equipped with a large number of latest computer models. A large number of software packages are available including STATA, SPSS, TSP, SAS, SHAZAM, ESP, LIMDEP, EVIEW, GAUSS, QUATTRO-PRO, LOTUS-123, FOX-PRO, DBASE4, which enable sophisticated statistical and econometric analysis and handling large data sets.

### Specific Research Areas

The major research areas of the centre are undertaking policy oriented core/academic research and contract research for clients, post graduate teaching and providing advisory services to the government.

### Core Research

Two kinds of core research may be distinguished. First, projects initiated by the centre's staff in the areas of housing, smuggling, environment, credit, agriculture, finance, nutrition, energy, public finance, trade, industry, monetary economics, poverty, social capital and empowerment of women. Second are the projects initiated by the M.S.(M. Phil.&Ph.D.) students, which have made it possible for the centre to undertake research in diverse

areas. The output from core research finds its way into research publications *Journal of Applied Economics in national and international journals*. The centre also publishes its own journal titled *Pakistan Journal of Applied Economics*.

### Contact Research Project By Area

Contract research is one of the major activities of the AERC and its output is published in a Research Report Series.

### Career Opportunities

Our M.A.S and M. Phil. degree holders can easily get jobs in the World Bank, Asian Development Bank, USAID, UNDP, UNICEF, ILO, International Food Policy Research Institute, Planning Commission, Provincial Government, Banks and Private and Public Universities.

### Faculty Members

#### Director and Research Professor

- Prof. Dr. Samina Khalil

#### Senior Research Economists/Associate Professors

- Dr. Shaista Alam
- Dr. Ambreen Fatima

#### Research Economists/Assistant Professors

- Mr. Minhajuddin Siddiqui
- Dr. Syed Tahseen Jawaid
- Dr. Faizan Iftikhar
- Mr. Amir Hussain Siddiqui
- Dr. Uzma Iram
- Dr. Syed Ammad Ali
- Dr. Asghar Ali
- Dr. Faisal Sultan Qadri
- Dr. Noman Saeed

#### Staff/Economists/Lecturers

- Syed Roshan Ali Shah
- Ms. Fouzia Kamal
- Mr. Sohail Javed
- Ms. Nigar Zehra
- Mr. Tehseen Iqbal
- Syed Kamran Abbas
- Mr. Khurram Iftikhar
- Syed Zia Abbas Rizvi

### Programs Offered

- M.A.S. (Masters of Applied Science in Economics)  
*A Terminal Degree only*
- M. Phil. (Economics) (Morning & Evening)  
*If the student continues after M.A.S.*
- Ph.D. (Economics)

### For Further Enquiry

**Telephone:** 99261541-43, 99261547-49

**Website:** [www.aerc.edu.pk](http://www.aerc.edu.pk)

**Email:** [aerc@uok.edu.pk](mailto:aerc@uok.edu.pk)

# Area Study Centre for Europe

## Introduction

The Area Study Centre for Europe, University of Karachi was established alongwith five other Area Study Centers (situated in major state sector Universities of Pakistan) by an act of Parliament (ASC Act No.XLV. 1975). The Centre is an autonomous institution, under the academic discipline of the University of Karachi, supervised by a Board of Governors. It is funded funded by the Federal Government.

The Centre is slightly isolated from the hustle and bustle of mainstream University department. The Centre provides a peaceful atmosphere for teaching and research at the M.Phil/Ph.D. level. Its M.Phil. course work programme in European studies, which is spread over two semesters, is designed to give students a thorough understanding of contemporary Europe. Besides the traditional subjects like European history, philosophy and thoughts, the courses are also based on the European Union, its politics, law, economics, external relationships and common foreign and security policy. Europe's relation with Pakistan, the Muslim world and the developing world are given particular importance.

In September 1999, European Union (EU) sponsored program in European Studies was launched for a three year period. Under this program the EU rendered technical and financial assistance to the centre.

The ASCE was awarded the Jean Monnet Chair of European Political Science by the European Commission's Directorate General for Education and Culture (Higher Education: Socrates-Erasmus, Jean Monnet Project) in 2001.

The Area Study centre for Europe, University of Karachi, became a partner in the project "CLIMA" (Euro-Asian Research and Training in Climate Change Management) funded by the European Union. The "CLIMA" was launched in 2006 and ended in 2009.

The research findings of the Centre's own research staff are published in the form of books, monographs and papers. The centre also publishes a bi-annual journal of European Studies, which covers articles on contemporary European issues.

## Facilities

Well-equipped Reference Library.

## Specific Research Areas

The Centre offers one year (2 semesters) course work program with core courses in European History, Contemporary European Political and Economic Institutions and Political Geography, Theory and Practice of European Integration, European Union Law, the European Union's Foreign Policy, Basic Course in Economics, Research Communication Skills and Research Methodology. After passing the one-year course work students become eligible for thesis writing.

## Career Opportunities

The majority of the students after completing their course work get jobs in Teaching, Foreign Office, Think-Tanks, National/ International NGOs, and Print / Electronic Media.

## Director

- Prof. Dr. Nasreen Aslam Shah (*Acting Director*)

## Faculty Members

### Professors

- Dr. Uzma Shujaat
- Dr. Tasneem Sultana

### Assistant Professor

- Dr. Shaista Shaheen Zafar

### Senior Research Fellow

- Ms. Munazza Nargis Kazmi

## Programs Offered

- Master's Program in European Studies
- M. Phil. Degree in European Studies
- Ph. D. Degree in European Studies
- German Language Certificate Course
- English Language Certificate/Diploma Course
- French Language Certificate/ Diploma (MORNING/EVENING)

## For Further Enquiry

Telephone: 99261652-53

Website: [www.asce-uok.edu.pk](http://www.asce-uok.edu.pk)

Email: [asce\\_uok@hotmail.com](mailto:asce_uok@hotmail.com)

# Dr. A. Q. Khan Institute of Biotechnology & Genetic Engineering (KIBGE)

## Introduction

Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE) is a scientific research institute with state-of-the-art facilities to carry out research on modern biological sciences and to impart higher education at the University of Karachi. The institute was established with an aim to explore the biotechnological and genetic engineering aspects of scientific domain. There are three major areas of research at KIBGE; agriculture biotechnology, industrial biotechnology and medical biotechnology. KIBGE has established a sound scientific research environment which promotes quality research.

## Research at KIBGE

KIBGE has well-equipped laboratory facilities in the field of biotechnology, molecular biology and genetic engineering. The infrastructure of the institute has been developed according to the needs and requirements of innovative and advance research. The objectives of the institute are to disseminate hi-tech training using modern technology and wide range of innovative research to improve the economic well-being of society.

## Networking Partners

KIBGE is part of several international research networks and it encourages young students and researchers to pursue training abroad. KIBGE is one of the principal partners in the network of collaborative research involving partners from all over the world, including Australian National University; Australia; University of Buea; Cameroon; University of Zagreb; Croatia; INSERM; University of Paris; France; Max Planck Institute; Germany; Pasteur Institute of Iran, Iran; University College Dublin, Ireland; University Sains Malaysia, Malaysia; University of Auckland, New Zealand; Ohio University, USA; and other international institutes.

## Specific Research Areas

KIBGE provides students a platform for achieving outstanding scientific level with wide-ranging certified biotechnological skills. The curriculum guarantees biotechnological specialization, ranging from research communication skills to research and development. Other courses include bioinformatics, biostatistics, cytogenetics, agricultural and industrial biotechnology, human molecular genetics, tissue culture, etc. There are three major areas of research at KIBGE including agriculture biotechnology, industrial biotechnology and medical biotechnology.

**Agriculture Biotechnology** focuses on the molecular mechanism using proteomic and genomic approaches to address current agricultural challenges.

**Industrial Biotechnology** involves research on the expansion of industrial metabolites and development of processes for characterization of enzymes, proteins, biopolymers and nanocomposite materials.

**Medical Biotechnology** focuses on hereditary and acquired disorders prevalent in the community.

## Career Opportunities

Biotechnologists graduated from KIBGE can find career in public sector universities, research institutes or at private centers as research scientists. Alternatively they may find employment in specialized biotechnology and biotech-related industry such as pharmaceutical, health care research organizations, food manufacturing, aquaculture and agricultural industry engaged in business related to life sciences, ranging from equipment and chemicals to pharmaceuticals and diagnostics. KIBGE also fosters students and alumni to secure places at various international networking partners abroad.

## Faculty Members

### Professor Emeritus

- Dr. Syed Irtifaq Ali

### Director General

- Dr. Abid Azhar (*Meritorious Professor*)

### Assistant Professors

- Dr. S. M. Shahid
- Dr. Saaddia Galani
- Dr. Afsheen Aman
- Dr. Sitwat Zehra
- Dr. Saima Saleem
- Dr. Sehrish Fatima
- Dr. Afsheen Arif

## Programs Offered

- M. Phil.&Ph.D. in biotechnology

## For Further Enquiry

Telephone: 021 - 99261180-2

# Dr. Panjwani Centre

## for Molecular Medicine and Drug Research (PCMD)

### Introduction

The Dr. Panjwani Center for Molecular Medicine and Drug Research (PCMD) International Center for Chemical and Biological sciences, (ICCBS) was established through a generous donation and patronage of Ms. Nadira Panjwani H.I. (Chairperson, Dr. Panjwani Memorial Trust) in the memory of her beloved father, Dr. Mohammad Hussain Panjwani, a leading scholar and philanthropist. The PCMD initiated a number of scientific programs with the objective to find possible treatments of often neglected but prevalent diseases in Pakistan.

The main objective of the Center is to train highly qualified manpower in the emerging fields of molecular medicine and drug development. The academicians, clinicians and pharmaceutical researchers are brought together to translate basic scientific discoveries into new therapies, vaccines and diagnostic tests. The efforts in the Center mainly focus on developing greater and more comprehensive understanding of the pattern and causes of the most common diseases found in Pakistan in order to develop effective diagnostic tools and affordable treatments by using molecular medicinal, chemical and computational methods.

The mission of the Center is to foster excellence and achieve international recognition in the targeted areas of graduate training and research, which are relevant to national needs. To accomplish this mission, the center is engaged in:

- enhancing the quality and quantity of scientific training of graduate students in the area of molecular medicine and rational drug designing;
- focusing on the development of new and effective diagnostic, and treatment techniques for prevalent diseases; and
- providing forum for information exchange between academic disciplines and raising general awareness about the diseases and their prevention, cure and treatments.

By the advent of next generation DNA sequencing technologies and genome sequencing have become fast, cost effective and robust. Efforts are underway to study human genomes from specific population groups of distinct ethnic and geographic backgrounds to utilize these genomic information in biomedical research. In this scenario, the ICCBS has established a dedicated genomics center as a part of PCMD to strengthen the ongoing molecular medicine research efforts and to train the manpower in this cutting edge area of biology. The building of the center was constructed through the personal donation of Prof. Dr. Atta-ur-Rehman, Patron-in-Chief, ICCBS. The next generation DNA sequence and related equipments have already been procured. Initially, the researchers at the center are sequencing human genomes from Pakistani population. Genome wide analysis will be performed to understand the genetic basis of complex polygenic disorders.

The PCMD also has an MoH (Ministry of Health) Certified Center for Bioequivalence Study and Clinical Research (CBSCR) and an ISO 9001 certified network of diagnostic center.

### Specific Research Areas with well-equipped Labs include:

- Bioinformatics and Computational Biology
- Clinical Pharmacology
- Drug Discovery, Design and Synthetic Medicinal Chemistry
- Electrophysiology
- Genomics
- Human Genetics and Gene therapy
- Infectious Agents and Diseases
- Metabolic Disorders
- Molecular Biology
- Molecular Enzymology
- Molecular Epidemiology
- Molecular Immunology
- Molecular Oncology
- Molecular Pharmacology and Drug Resistance
- Neuropharmacology
- Proteomics
- Structural Biology
- Tissue Engineering and Stem Cell Research
- Tropical Disease Research

### Facilities

- Bio bank • Diagnostic and Clinical Research
- Imaging • Molecular, Microbial and Drug Banks

### Specific Research Areas

Visit our web site <http://iccs.edu>

### Salient Features

- A prestigious research establishment
- Friendly and conducive working environment
- World class laboratories and research facilities
- Research supervised by some of the most productive and internationally recognized scientists of the country
- Hands-on training on the advanced instruments
- Participation in international events organized regularly
- Interaction with international community of researchers
- Social gatherings and academic interactions with eminent visiting experts
- Scholarships available for all deserving scholars (Rs. 18,000 for M. Phil. and Rs. 33,000 per month for Ph. D. students)
- Free GRE tutorial and payment of ETS-GRE examination
- Hostel facilities for Boys and Girls on first-come-first basis
- Sports facilities for ICCBS scholars
- Career guidance and counseling
- Prospects of post-doctoral training in top laboratories of the world
- Selected as UNESCO Pasteur Institute
- W.H.O. collaborating center
- UNESCO, OIC, TWAS and COMSTECH center of excellence

### Faculty Members

Visit website: [www.iccs.edu](http://www.iccs.edu)

### Programs Offered

- M. Phil. / M. Phil. in various disciplines of Molecular Medicine.

### For Further Enquiry

**Telephone:** 9221-99261701-02, 34824930, 34, 36, 34824901-02

**Website:** [www.iccs.edu/http://iccs.edu/page-academics](http://www.iccs.edu/http://iccs.edu/page-academics)

Institute of

# Environmental Studies

## Introduction

The subject of environmental studies is interdisciplinary, in which the relationships of humans with their physical, biological and social environments are studied. The subject provides an integrated approach to the understanding and solution of the environmental issues that range from human community health to global climate change. The subject emphasizes the importance of sustainable development to ensure the continuous supply of materials and constant removal of wastes and recovery from the damages that occur due to human activities, particularly after Industrial Revolution.

The Institute of Environmental Studies was founded in 1982 for developing the human resources to address the environmental issues of the country and is the oldest institute in the field of environmental studies. Initially the institute offered M. Phil and Ph.D. Programmes. Later, in 1996, the Evening Programme was launched for offering M.Sc. degree. Currently the Institute of Environmental Studies offers B.Sc. (Hons.), M.Sc., M.Phil, and Ph.D. degrees in both the Evening and the Morning Programmes. So far, the Institute has produced Seven Ph.D. scholars and hundreds of BSc. (Hons) and M.Sc. graduates. The Institute's graduates are currently serving in a number of national and international organizations.

The Institute provides air-conditioned lecture halls, laboratories and audio-visual facilities for the students. The Institute enjoys focal position on a number of environmental issues and activities for many national and international organizations such as WHO, UNEP, IUCN, WWF, LEADS etc. The Institute has organized many national and international workshops and seminars in collaboration with the Higher Education Commission and the Ministry of Health and Environment. The Institute has Ph.D. faculty members whose work is published in various national and international journals.

Apart from regular teaching and research, the Institute organizes short-term training activities for in-service personnel and for those who are involved in research and development programmes. The mission of the Institute is to produce highly skilled man-power who could handle contemporary environmental issues disseminate, and use knowledge of environment and related fields to meet the basic human needs for the improvement of environmental quality and to meet the Millennium Development Goals (MDG).

## Facilities

The Institute is equipped with advanced laboratories, an updated library and modern equipments that help in researching on the global issues.

## Specific Research Areas

- Global Climate Change and its impact on Pakistan
- Designing and developing low cost wastewater treatment and disposal systems for small and medium size communities.
- Agriculture sustainability through the use of treated waste water.
- Treatment of water for potable use
- Public health aspects of wastewater treatment, disposal and reuse.
- Wastewater reclamation technology in hot climate for agriculture and fish culture.
- Environmental health programme for monitoring and surveillance of water supply and sanitation.
- Industrial pollution control and management.
- Environmental hygiene (food and water hygiene and safety)
- Environmental Impact Assessment

- Marine pollution and control
- Ecological studies
- Biodegradation of hazardous waste
- Urban forestry
- Coastal and Marine Conservation
- Air and noise pollution
- Ocean-atmosphere process and biological productivity
- Environmental Remote Sensing

## Career Opportunities

After completing B.Sc. (Hons.), M.Sc., M.Phil, and Ph.D. degree programmes, the graduate would be able to take managerial, technical and consultative responsibilities in various industries, multinational companies, civic agencies, consulting firms, environmental health laboratories and organizations, educational and research institutions and environmental protection agencies (EPAs). The Evening Programme of the Institute provides an excellent opportunity for in-service professionals, particularly those who are engaged in any environment related occupation to enhance their education and understanding of the subject.

## Faculty Members

### Professors

- Dr. Omm-e-Hany (*Director*)
- Dr. Moazzam Ali Khan

### Associate Professor

- Dr. Seema Jilani

### Assistant Professors

- Dr. Zafar Iqbal Shams
- Ms. Suraiya Jabeen
- Dr. Waqar Ahmed
- Dr. Aamir Alamgir

### Lecturers

- Ms. Noor Fatima
- Ms. Humaira Kanwal

## Programs Offered

- B.Sc.(Hons.)
- M.Sc.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2305  
99261386 (Direct)

**Website:** [www.uok.edu.pk/research\\_institutes/ies](http://www.uok.edu.pk/research_institutes/ies)

**Email:** [ies@uok.edu.pk](mailto:ies@uok.edu.pk)

# H.E.J. Research Institute of Chemistry

(International Centre for Chemical and Biological Sciences)

## Introduction

The H.E.J. Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS) is one of the developing world's finest research institution and training centers in its field. The large complex, which covers more than 40 hectares, comprises 12 research buildings that contain some of the region's most sophisticated laboratory equipment. The complex also includes a pilot plant, powerhouse, green houses, animal house facility, auditorium a residential block with 50 houses, five apartment buildings and an international guesthouse.

The ICCBS conducts original research, training, product development, and service delivery in chemical, biological, and biomedical sciences. The center also provides diagnostic, analytical, and clinical testing for a broad range of clients in both the public and private sectors nationally and internationally.

Over the past 40 years, more than 700 students have earned doctorate and M. Phil, degrees at the center. These degree-granting programs have served as the focal points of ICCBS efforts to provide world-class training to young scientists coming primarily from developing countries, including those belonging to the Organization of Islamic Cooperation (OIC), an international network comprising of 57 Muslim countries, Non-Aligned Movement (NAM) and African Union.

The ICCBS also conducts cutting-edge research for the discovery of clinically important enzyme inhibitors and antioxidants, explores innovative methodologies for the synthesis of novel pharmacophores and isolate proteins, devises effective pharmacological evaluations of bioactive compounds, and seeks to identify new varieties of horticulture plants through applications of biotechnology.

In addition, the ICCBS organized major international conferences, symposia and workshops for participants from Pakistan and abroad on topics ranging from natural products, molecular medicine, spectroscopy, nanotechnology and computational medicinal chemistry.

Prof. Dr. Atta-ur-Rahman - Pakistan's former minister of science and technology and chair of HEC - currently serves as ICCBS 'Patron-in-chief providing strategic guidance for the center's broad-ranging goals. The current director is Prof. Dr. M. Iqbal Choudhary, the most cited chemist of Pakistan, who was Atta-ur-Rahman's student nearly 30 years ago. Vice Chancellor of Karachi University chairs the ICCBS executive board.

The ICCBS has twice won the Islamic Development Banks (IDB) Prize for best Science and Technology Institution, in 2004 and 2010.

## Facilities

The center has the largest doctoral program in the country with over 550 Ph.D. students. The main areas of research, development and training of students include natural

product chemistry, molecular medicine, protein chemistry, pharmacology, computational chemistry, nano chemistry, plant biotechnology and human genomics. The analytical, spectroscopic, computational, clinical and other facilities present in the institute are at par with any good institution in the world. The center also has ISO 17025 / 9001 certified Industrial Analytical Center, and Center for Bioequivalence Studies and Clinical Research which are providing services to over 350 industries in Pakistan.

A number of goal oriented projects related to the chemistry of natural products, molecular medicine, protein chemistry, plant biotechnology and pharmacology of herbal medicine are being vigorously pursued which have led to the award of over 600 doctorate and 100 M. Phil. degrees. The scientific contributions of over 3,800 research papers, 150 books and over 150 international patents have earned the institute international recognition.

## Specific Research Areas

Visit website: [www.iccs.edu/departments.php?dept\\_id=1](http://www.iccs.edu/departments.php?dept_id=1)

## Career Opportunities

Since the ICCBS is a prime institution of the world, a large number of its graduates are serving the nation in various capacities. The ICCBS graduating scholars continuously receive offers of post-doctoral and academic positions in foreign, as well as in Universities of Pakistan. The scholars who are not interested in academic positions are welcomed by the local industries as trained R & D or Production Scientists. So far there is not a single instance of any of ICCBS graduate remaining jobless for any considerable period of time.

## Faculty Members

Visit website:

[http://iccs.edu/faculties.php?dept\\_id=1&faculty\\_id=20&parent\\_id=1](http://iccs.edu/faculties.php?dept_id=1&faculty_id=20&parent_id=1)

## Programs Offered

- M. Phil.&Ph.D. in various disciplines of Chemistry and Bio-organic Chemistry.

## For Further Enquiry

**Telephone:** 92-21-99261701-02, 34824930,34,36  
34824901-02

**Website:** [www.iccs.edu/http://iccs.edu/page-academics](http://www.iccs.edu/http://iccs.edu/page-academics)

## Centre of Excellence in

# Marine Biology

## Introduction

The Centre of Excellence in Marine Biology (CEMB) offers M. Phil, M. Phil leading to Ph. D & Ph. D. Program in Marine Biology. CEMB was established in the year 1975 under the Centre of Excellence Act of 1974. It is administrated by a Board of Governors whose Chairman is the Vice-Chancellor of the University of Karachi, whereas the Director is the executive & administrative head of the Centre.

## Facilities

- Lecture room with audiovisual support system.
- Laboratories equipped with latest scientific equipment.
- Internet access to students.
- Research Library with huge collection of books, national and international journals and other research materials.
- Teaching museum containing specimens of 500 fish & 200 invertebrate species.
- Facility to rear live animals for student research.
- Fish Hatchery at Dam, Somiani provide facility for aquaculture.
- Transport facility for field surveys along Sindh and Baluchistan coasts.

## Specific Research Areas

Aquaculture, Biochemistry, Chemistry, Ecology, Fisheries, Mangroves, Microbiology, Physical Oceanography, Planktology, Seaweeds, Shellfisheries, etc.

## Career Opportunities

Opportunities for M. Phil & Ph.D. degree holders are available in different National/International research institutions and other departments. Federal Marine Fisheries Department, Sindh & Baluchistan Fisheries Departments, National Institute of Oceanography, Institute of Marine Sciences, University of Karachi, and Fishery Industry are key organizations one can consider for job opportunity our degree holders can also find jobs as teachers at government / public sector degree colleges & universities and foreign research institutions.

## Faculty Members

### Professors

- Dr. Pirzada Jamal A. Siddiqui
- Dr. Ghazala Siddiqui (*Director*)

### Associate Professor

- Dr. Munawwer Rasheed

### Assistant Professors

- Dr. Safia Khanum
- Dr. Noor-us-Saher
- Dr. Nafisa Shoaib
- Dr. Ghulam Abbas
- Dr. Seema Shafique
- Dr. Sher Khan
- Dr. Faiz Muhammad
- Dr. Amjad Ali

### Lecturer

- Ms. Zaib-un-Nisa

## Programs Offered

- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2256  
99261551, 99261397 (*Direct*)

**Fax:** 99261398

**Website:** [www.cemb-ku.edu.pk](http://www.cemb-ku.edu.pk)

**Email:** [cemb@uok.edu.pk](mailto:cemb@uok.edu.pk)

# Marine Reference

## Collection and Resource Centre

### Introduction

The Marine Reference Collection and Resource Centre is the oldest marine biodiversity research centre in Pakistan. It was founded in 1967 as an Invertebrate Reference Museum by renowned marine scientist Prof. Dr. Nasima M. Tirmizi, who was also the founder director of the first Institute of Marine Science in Pakistan. MRC & RC has been engaged in providing excellent facilities to the marine science community of Pakistan and regional countries. It supports marine biodiversity research through comprehensive taxonomic data on marine fauna and flora and is in fact one of the unique research and training centers in the region with a mission emphasizing taxonomic research, conservation and education.

The centre, which offers specialization in invertebrate taxonomic studies, has demonstrated the ability and agility in responding to the management and conservation of marine biodiversity in national, regional and international context. MRC & RC has a preeminent museum dedicated to inspiring curiosity and learning about the invertebrate fauna through its unparalleled collections, exhibits and research.

So far 40 research projects have been accomplished through the national and international findings/grants. The faculty and the research students of the center have produced 674 publications including books, monographs, illustrated keys, and research articles.

The centre is linked with a number of local and foreign institutions for collaborative research, including Sindh Fisheries Department, National Institute of Oceanography, PCSIR, SUPARCO, Coastal Development Authorities, Marine Fisheries Department, University of Hawaii, USA; University of Putra, Malaysia; University of Chittagong, Bangladesh, and University of Kelaniya, Sri Lanka. The Centre became a partner of the Expert-Center for Taxonomic Identifications (ETI) at Amsterdam and obtained users license for ETI Software which involved an exchange of biodiversity data for ETI's World Biodiversity Database and also a member of the International Geosphere – Biosphere Program.

### Facilities

The Centre extends research facilities to marine scientists / research students and guidance for advanced research for fulfillment of M.Phil. / Ph.D. degrees. So far, 12 Ph.D.; 26 M.Phil.; 42 M.Sc. (16 thesis + 26 projects) have been accomplished and degrees have been awarded. Approximately 9,000 specimens are housed in the Museum (repository) which are carefully maintained according to the international standards. The center has a Preservation room, Wet laboratory to conduct research on live specimen, Ichthyology and Pollution lab, Mangrove lab, Molluscan lab, Plankton lab, Photographic lab, an Auditorium and Museum library with more than 3000

books, journals, reports, proceedings etc. A shore laboratory / Marine Research Station situated at Sandspit beach is also part of Marine Reference Collection and Resource Centre.

### Specific Research Areas

The Centre supports marine biodiversity research through comprehensive taxonomic data on marine fauna & flora and thus offers research and training facilities in the region with a mission emphasizing conservation and education.

- Survey, monitoring and assessment of coastal habitats and its biodiversity.
- Collection of fauna and flora from shores, offshore waters and harbors.
- Maintenance of collections, sorting, curating, preservation and storing.
- Identification, documentation, registration and cataloguing.
- Publication of conclusions in the form of reports, monographs, illustrated keys, as well as presentation of papers at the national, international seminars/workshops, etc.
- Exchange of material as loan or donation.
- Services extended to local and foreign scientists, through providing advice and consultation on the management of biological resources of our seas.
- Research supervision/guidance for full/partial fulfillment of M.Sc., M. Phil./Ph.D. degrees.
- Training of manager/scientists from govt. and non-govt. organizations.
- Planning and undertaking research projects.

### Career Opportunities

Opportunities are available for marine taxonomists in various teaching and research organizations (Government and Non-Government).

### Programs Offered

- Post graduate research supervision
- Co-supervision of M. Phil.&Ph.D. students

### For Further Enquiry

**Telephone:** 021-99261645

021-99261300-06 Ext-2257

**Website:** [www.uok.edu.pk/research\\_institutes/mrccrc](http://www.uok.edu.pk/research_institutes/mrccrc)

**Email:** [www.mrcc@uok.edu.pk](mailto:www.mrcc@uok.edu.pk)

Institute of

# Marine Science

## Introduction

Institute of Marine Science (IMS) was established in 1981 to acquire superior knowledge of our marine environment. Advanced knowledge of the sea and skills in various fields of marine science are required for mariculture, seafood quality, seaweed culture, seashells/pearl industry, oil/ gas operators and naval warfare, etc. The IMS undertakes research in marine science including ecological, biological, biochemical, chemical, and geological studies on marine life of northern Arabian Sea. Marine resources of Pakistan are still untapped, which must be given due attention to contribute greater share in economic growth of Pakistan. Without requisite expertise in various fields of marine science it is not possible to exploit the immense wealth of our productive, rich coastal zones and continental shelves.

The Institute's mission is to conduct avant-garde research, train young scientists, provide expertise to governmental or nongovernmental agencies and industries to accomplish optimal protection for and exploitation of our marine resources and to promote fresh knowledge to constitute public policy and maritime doctrine.

## Facilities

The institute has computer and internet facility, with access to digital library of the University of Karachi as well as various scientific data basis. Software packages are also available, which enable collection of relevant background literature and statistical analysis of large data sets.

## Specific Research Areas

- Algal fuel extraction,
- Biodiversity of marine flora and fauna,
- Biofertilization,
- Chemical and biochemical study of marine organisms, seawater and sediments,
- Ecological studies of marine organisms in different coastal areas of Karachi and Baluchistan,
- Exploration of Marine Resources,
- Mariculture,
- Phycoremediation,
- Pollutants of marine environment,
- Seaweed compost,
- Study of seawater and sediment of Badin, Sindh
- Taxonomy of different marine organisms.

## Career Opportunities

- Coastal Development Authority,
- Environmental Protection Agency (EPA),
- Fisheries Harbour Authority,
- Foods and Resource Economics,

- Forest Department,
- International Union for Conservation of Nature (IUCN)
- Livestock & Fisheries Department Sindh,
- Marine Fisheries Department (MFD),
- Marine Observatories,
- Middle East and Far East countries where aquaculture and industries related to marine resources are highly developed,
- National Institute of Oceanography,
- Naval Hydrography and Shipping Industries,
- Pakistan Council of Scientific and Industrial Research ( PCSIR ) Laboratories,
- Pakistan Maritime Agency (PMA),
- Pharmaceutical Industries,
- Salt Industries,
- Sea Food Processing Industries,
- Sindh Environment Protection Agency (SEPA),
- Teaching departments of institutes, colleges and universities,
- Wildlife Department, and
- World Wildlife Fund.

## Faculty Members

### Assistant Professors

- Dr. Ehsan Elahi Valeem
- Dr. Nuzhat Afsar
- Dr. Muhammad Shoaib Kiani
- Dr. Nazia Arshad

## Programs Offered

- B.Sc.(Hons.)
- M.Sc.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext- 2378  
99261379 (*Direct*)

**Website:** [www.uok.edu.pk/research\\_institutes/ims](http://www.uok.edu.pk/research_institutes/ims)

**Email:** [ims@uok.edu.pk](mailto:ims@uok.edu.pk)

# National Nematological

## Research Centre

### Introduction

National Nematological Research Centre (NNRC) is a leading research and educational institute dedicated to the generation and acquisition of knowledge about Nematology in Pakistan. NNRC was established in 1974 and has emerged as an efficient and dynamic research centre in Pakistan. Nematology is a highly specialized field of biological sciences including agriculture and provides services of specialists dealing with nematodes. NNRC is the only research as well as academic centre, which is solely associated with the study and research of Nematology in the country. The main objective of NNRC is to promote the subject of Nematology so as to generate highly trained manpower through M. Phil / Ph.D. degree programs. NNRC received ISO Certification 9001 in 2015 for the compliance of its Diagnostic services and education program. International and National scientific conferences, seminars and training workshops are also organized as part of the routine work/study. NNRC has been engaged in publishing bi-annual scientific journal, *Pakistan Journal of Nematology* (PjN) since 1983 and PSN Newsletter since 2002, covering the significant research in fundamental and applied Nematology within and outside the country, besides several books, booklets, manual, proceedings and many national and international patents. The Centre also has collaborations in research with many international and national agricultural research institutions and universities including other departments of the University of Karachi. The website of PjN: [www.pjn.com.pk](http://www.pjn.com.pk)

### Facilities

NNRC has well equipped laboratories for research work on fundamental and applied Nematology of plant parasitic, free-living soil, fresh water, marine and entomopathogenic nematodes. NNRC also has three large research laboratories for advanced molecular taxonomy of nematodes especially EPN, their mass production and formulation of these biocontrol agents as biopesticides. We have over 19,000 permanent identified slides and vials of wet suspension of nematode specimens are preserved here. Large experimental field and two green houses are also available to the students and scientists for the research purpose. Computers with internet access are available for researchers. The seminar Library has a collection of more than 1000 books, journals and periodicals on nematology.

### Specific Research Areas

The nematology research programme includes work on molecular taxonomy, biology, pathogenicity, population dynamics, control of plant parasitic nematodes, use of marine nematodes as pollution indicators, entomopathogenic nematodes, the beneficial nematodes in the biological control of insect pests of agriculturally important crops as biopesticides and their mass production, use of free-living soil nematodes as bio fertilizers and more importantly the human nematology which is going to be established soon. Short and long term training programmes in Nematology are also arranged for researchers, students, extension workers and farmers of the country.

### Research

- Since its inception, it has produced 20 Ph.Ds and 6 M.Phils. Some of these showed excellent performance during their academic tenure and received several awards.
- At present 15 post-graduate students are doing research work in M.Phil. / Ph.D.
- Besides the research work produced by the students, numerous research projects funded by different national and international working bodies are carried out by the center. The major funding and project allocation bodies associated with NNRC are, HEC and PSF.
- Diagnostic, advisory and consultancy services have also been provided to the farmers, scientists and extension workers from all over the country and abroad.
- The NNRC collaborates with the government, international research bodies, research centers and non-governmental organizations to create awareness on vital issues of nematode problems and provides forum for all the Nematologists, researchers, agriculturists, extension workers and students of the country to exchange information about nematode diseases by organizing national and international conferences, seminars and workshops on regular basis.

### Career Opportunities

Research and teaching jobs are available for the NNRC graduates in agriculture related organizations/ universities/ institutions in the country and abroad.

A wide range of career opportunities can be accessible in various organizations such as PARC, NARC, Plant Protection, Pakistan Atomic Energy Commission, Institutes of Biotechnology & Genetic Engineering, Environmental Protection Agency, Integrated Pest Management (IPM) services, Quarantine, Seed Certification, Pesticide formulations, Food Industries and Research and Development in private sector and marketing. The Nematologists are also hired for diagnostic and consultancy services for the field and laboratory services.

### Director

- Prof. Dr. Shahnaz Dawar

### Faculty Members

#### Research Officer

- Dr. Tabassum Ara Khanam
- Dr. Salma Javed

#### Faculty Members (Visiting)

- Dr. Nasira Kazi
- Dr. Firoza Kazi
- Dr. Erum Iqbal

### Programs Offered

- M. Phil.&Ph.D. in Nematology and other Biological Sciences (Agriculture, Biotechnology, Botany, Genetics, Marine Science, Microbiology and Zoology)
- Training Certificate Programs.

### For Further Enquiry

**Telephone:** 99261387

**Website:** [www.uok.edu.pk/research\\_institute/nnrc](http://www.uok.edu.pk/research_institute/nnrc)

**Email:** [nnrc@uok.edu.pk](mailto:nnrc@uok.edu.pk)

# Pakistan Study Centre

## Introduction

Pakistan Study Centre was established under an Act of the Parliament in 1976. The Centre began functioning in 1983 and since then it has developed into a prestigious institute of higher learning and research. Apart from conducting courses at Masters/M.Phil./Ph.D. levels, the Centre has excelled in original in-house and contractual research that has received wide acclaim both at the national and international levels. Its research journal *Pakistan Perspectives* is regarded as one of the most prestigious journals of Social Sciences published in Pakistan. It has also been approved by the Higher Education Commission (HEC) as a 'Y' category journal. Dr. Muhammad Ali Siddiqui, one of its alumni earned the D.Litt. degree, while Prof. Sharif-al-Mujahid, a renowned scholar of international repute who was designated as the Distinguished National Professor are associated with the Pakistan Study Centre.

The Centre has also organized numerous international and national conferences apart from regular in-house seminars and symposia.

The Master's program of the Centre is based on a multi-disciplinary course which enables the students to compete in the civil service examinations and also seek place in the teaching profession.

## Facilities

The Centre provides all academic facilities to the students. It has an excellent library with over 16,000 titles. The library also houses a number of personal collections belonging to Prof. Hamza Alavi, renowned journalist, Zamir Niazi, Prof. A.B.A Haleem, Critics Mumtaz Shinn and Samad Shaheen, senior journalist and literary figure Hasan Abidi, Dr. Aquila Kiani and Prof. Dr. S. H. M. Jafri. As per the rules, the Centre allows full and half concession in the tuition fee to the deserving students.

Students are also facilitated in conducting study tours of historical places and archaeological sites.

## Specific Research Areas

- History and Historiography of Pakistan.
- Constitutional and Political Development in Pakistan.
- Social Change in Pakistan.
- Literature, Art and Architecture in Pakistan.
- International Affairs with special reference to Pakistan.
- Political Economy of Pakistan.
- Social Development

## Career Opportunities

A Masters' degree holders in Pakistan Studies is trained to compete in any exam or test held for a post with a Master's degree requirement. The Masters of Pakistan Studies have also been appointed in civil services, faculties of universities & colleges, NGOs and Research Organizations.

## Faculty Members

### Professor

- Dr. Anwar Shaheen (*Director*)

### Assistant Professor

- Dr. Navin G. Haider

### Lecturers

- Ms. Sadaf Masood
- Mr. Yasir Hanif
- Dr. Erum Muzaffar

## Programs Offered

- M.A.
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261631 (*Direct*)  
99261300-06, Ext-2402

**Fax:** 99261632

**Website:** [www.uok.edu.pk/research\\_institutes/psc](http://www.uok.edu.pk/research_institutes/psc)

**Email:** [psc@uok.edu.pk](mailto:psc@uok.edu.pk)

Centre for

# Plant Conservation

## Introduction

Centre for Plant Conservation was established in Karachi University with the funding of HEC. The Centre is divided into two major sections: (i) Botanic garden and (ii) The herbarium. Centre for Plant Conservation is the hub of academic and research activities. Herbarium is a fundamental source of identification of plants and permanent reference centre. It serves the basic need of identification for basic and applied research in botany, biology, agriculture, pharmacy, genetics, pharmaceutical chemistry, aerobiology and biotechnology. The aim of the Centre is to provide and promote facilities for advanced study and research in various aspects of plant conservation and ethno-botany. It enhances the knowledge of plant conservation and sustainable utilization of plant biodiversity of rare and endemic plants of Pakistan and also provides opportunities for collaborative research with related departments/institutes.

## Facilities

**Tissue culture Laboratory:** A well-equipped laboratory is working to conserve the country's rare plant species, through in-situ as well as ex-situ conservation. Herbarium Library has more than 2000 books and 240 journals on taxonomy for research scholars and students, and a large number of floras and monographs. Herbarium has more than 150,000 plants species (mostly flowering plants), including those which are several decades old. Scanning Electron microscope, seed bank has been established in the botanic garden, which contains seeds of more than 350 different species including wild, cultivated, ornamental and medicinal plants and many more are under process. Internet facility is also available in the centre.

## Specific Research Areas

Plant taxonomy, Plant biodiversity, Plant Conservation, Tissue culture, Germ plasma storage, Ethno botany and Horticulture.

## Career Opportunities

Students holding M. Phil./Ph.D. degrees from Centre for Plant Conservation can apply in different academic and research institutions and scientific organizations

## Faculty Members

### Professor

- Dr. Anjum Perveen (*Director*)

### Assistant Professor

- Dr. Roohi Bano

## Programs Offered

- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext- 2557, 2371

**Website:** [www.uok.edu.pk/research\\_institutes/cpc](http://www.uok.edu.pk/research_institutes/cpc)

**Email:** [cpc@uok.edu.pk](mailto:cpc@uok.edu.pk)

National Centre for

# Proteomics

## Introduction

Proteomics refers to the study of all proteins being expressed in a tissue, cell or an organ at a particular point in time. It reflects a snapshot of expressed proteins in the sample analyzed. Proteomics is being utilized as a core technology globally to understand the role of protein molecules involved in health and disease. The cutting edge technologies used in Proteomics have a much greater impact on early diagnosis and offers tremendous potential in prevention and therapeutics. A recently established Institute, NCP is working to facilitate fundamental understanding of disease states by discovery of biomarkers and translation of these advances to improve clinical diagnostics using laboratory investigations and bioinformatics methods. Proteomic technologies use a combination of chromatography, electrophoresis, Mass spectrometry and bioinformatics tools. Various projects on different types of cancers, diabetes, eye disorders, role of glycation and antioxidants in aging are in progress at the institute. During the last ten years the institute has produced 08 Ph.D. and 02 M.Phil scholars.

## Facilities

NCP has state-of-the-art facilities in the field of Proteomics. The Institute is equipped with instruments such as one and two dimensional electrophoresis, Western blot, gel doc with image analysis software like quantity one/PD Quest, spot cutter, conventional and high pressure liquid chromatographic technique with accessories, Millipore water purification system, ice flake machine, FPLC, PCR, QPCR, and LC-MS. NCP also has a computer lab with complete *in-silico* solutions for data analysis, protein structure prediction, web based searches and protein docking studies. The centre has a library with different reference books and journals related to genomics and proteomics.

## Specific Research Areas

- Proteomics profiling of oral carcinoma
- Drug induced apoptosis in Hepatocellular carcinoma
- Oxidative stress in aging and diabetes
- Glycation and aging
- Plasma proteomics in Thalassemia subjects
- Drug screening against RNA/DNA Viruses
- Venom Proteomics
- Stem Cell Research
- Blood Disorders (Thalassemia)
- Heavy Metal Induced Apoptosis

- Renal Disorder
- Drug induced modifications in Breast Cancer
- Saliva Proteomics

## Career Opportunities

The field is suitable for students interested in developing their career as a researcher particularly in the area of protein chemistry. Researchers are trained through lectures, wet lab and dry lab sessions in latest techniques involved in genomics and Proteomics. Students with an M.Phil./Ph.D. degree are likely to get jobs in research and development organizations, universities, Pharmaceutical industries, medical colleges and universities and pathological laboratories, etc.

## Faculty Members

### Professor

- Dr. Shamshad Zarina (*Director*)

### Assistant Professors

- Dr. Zehara Manzoor
- Dr. Syed Faraz Moin
- Dr. Amber Noman
- Dr. Kanwal Haneef

## Programs Offered

- M. Phil.
- Ph.D.

## For Further Enquiry

**Telephone:** 99261300 Ext-2548

**Website:** [www.ncp-uok.edu.pk](http://www.ncp-uok.edu.pk)

**Email:** [ncp@uok.edu.pk](mailto:ncp@uok.edu.pk)

Institute of

# Space Science & Technology (ISST)

## Introduction

The main objective of Institute of Space Science & Technology (ISST), University of Karachi is to promote Space Science Education in Pakistan and to carry out research in Space Science and Technology. The institute has already produced quality research work in diversified areas of Space Science. ISST has collaboration with Pakistan Space Agency SUPARCO, Centre for Astrophysics and Supercomputing, Swinburne University of Technology, Australia and School of Marine and Atmospheric Science, Stony Brook University, NY, USA.

ISST offer admission in B.Sc. (Hons.) and M.Sc. degree programs in Space Sciences and Technology. These programs provide a broader background for understanding linkages between space science, engineering and technology. In fact, these undergraduate programs are multi-disciplinary programs which include Electronics, Digital Signal processing, Communications Systems, Satellite Communication, Global Navigation Satellite System, Aero-Space Science, Computational Astronomy, Computer Programming and Remote Sensing & GIS.

## Facilities

- ISST Observatory is equipped with Meade 16 inch LX-200 Coma free telescope automated equatorial pier mount, CCD camera including computers, filters, weather station and software, We also have one movable telescope.
- Computational Astronomy Lab: The computer lab is equipped with space science related software.
- Computer Lab
- GIS Lab
- Electronic Communication Lab
- Aerospace LAB
- Digital Library
- Seminar Library

## Specific Research Areas

- Computational and Observational Astronomy
- Cosmology / Astrophysics
- Space Flight Dynamics
- Global Navigation Satellite System (GNSS)
- Satellite Communication / Space Antennas

- Remote Sensing and Geographical information Science (GIS)
- Atmospheric Science
- Solar and Ionospheric physics

## Career Opportunities

Our graduates have job opportunities in SUPARCO, NESCOM, PIA, CM, Pakistan Meteorological Department, Pakistan Tele-communications Corporation Ltd., Pakistan Sui Sothern Gas Company and Oil & Gas Development Ltd. Etc.

## Faculty Members

### Professor

- Dr. Muhammad Jawed Iqbal (*Director*)

### Assistant Professors

- Dr. Mirza Jawwad Baig
- Dr. Naeem Sadiq
- Dr. Syed Tanweer Iqbal

### Lecturers

- Mr. Muhammad Anas Qureshi
- Mr. Fayyaz Ur Rasheed
- Mr. Muhammad Saleem Khan

## Programs Offered

- B.Sc.(Hons.) (Space Science& Technology)
- M.Sc. (Space Science& Technology)
- M. Phil.&Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6, Ext- 2443

**Website:** [www.uok.edu.pk/research\\_institutes/ispa](http://www.uok.edu.pk/research_institutes/ispa)

**Email:** [ispa@uok.edu.pk](mailto:ispa@uok.edu.pk)

# Dr. Muhammad Ajmal Khan Institute of Sustainable Halophyte Utilization

## Introduction

ISHU was established in 2006 with funding from HEC to work on various aspects of naturally occurring salt tolerant plants or halophytes. The aim is to serve humanity by utilizing these plants as a source of fodder, forage, biofuel, oil seeds, medical plants etc, in harmony with nature.

## Specific Research Areas

- Ecology
- Eco-physiology
- Biochemistry
- Molecular Biology
- Ethnobotany

## Facilities

ISHU has state-of-the-art facilities for conducting research in lab, green-house and field conditions. Salt tolerant plants have the potential to become non-conventional future crops which may be utilized as food, feed, fiber, medicines and ornamentals. Instruments such as Atomic absorption spectrometer, CNS analyzer, GC-MS, HPLC, Ion Chromatograph, Gel Doc System, PCR's, Li-COR Photosynthesis system, Walz PAM fluorometer, Osmometer and Plant Water Status Console are available.

## Career Opportunities

ISHU graduates can apply for teaching positions in public and private colleges & universities and also in research and development organizations related to plant sciences.

## Faculty Members

### Professor

- Dr. Bilquees Gul (*Director*)

### Associate Professors

- Dr. Salman Gulzar
- Dr. Irfan Aziz

### Assistant Professors

- Dr. Muhammad Zaheer Ahmed
- Dr. Abdul Hameed

### Research Officers

- Dr. Muhammad Zainul Abideen
- Dr. Muhammad Qasim
- Dr. Tabassum Hussain

## Programs Offered

- M. Phil.&Ph.D. in Botany (ISHU)

## For Further Enquiry

**Telephone:** 99261317, 32044350  
99261300-06 Ext- 3333

**Website:** [www.halophyte.org](http://www.halophyte.org)

**Email:** [halophyte@uok.edu.pk](mailto:halophyte@uok.edu.pk)

Centre of Excellence for

# Women's Studies

## Introduction

For the last 30 years Centre of Excellence for Women's Studies (CEWS) has been engaged in offering teaching and research facilities in a friendly environment to prepare students to act as agents of change. We are the first to offer M.A. and M. Phil/Ph.D. degree programs in Pakistan. Currently the Centre offers M.A. (Morning & Evening), B.A.(Hons.) and M.Phil. / Ph.D. programs. Women's Studies, an interdisciplinary subject, aims to highlight women's role and contributes towards building a society, that is free of gender discrimination for a holistic development of the nation. We offer a variety of courses to address the issues of women and gender, both nationally and internationally. The major focus of our teaching and research is to bridge the gap between the academia and women at the grass-root level. Thus, our students move beyond the Campus and interact with women to document their everyday experiences.

## Facilities

CEWS has a well-qualified faculty to help and assist students in their quest for knowledge. We also invite scholars, academics and activists from various fields to share their knowledge and experience with our students.

Our library with more than 4000 books, journals, reports on women and gender is the only library of its kind in the country. We have a collection of press-clippings on almost all aspects of women's lives. Our library is accessed not only by our students but it also caters to the academic needs of scholars, activists and journalists who wish to avail themselves of this facility. Our library catalogue is also accessible through electronic portal.

## Specific Research Areas

- Women & Work: Child Labour, Girl Child, Self-Employed Women
- Women Technology & Entrepreneurship
- Women, Religion & Religious Traditions
- Health Concerns of Women & Gender
- Women's History
- Women & Law
- Women & Politics
- Women & Media
- Women Sports & Physical Education
- Psychology of Women
- Development Planning (nationally & globally) and Women

## Career Opportunities

Since Women's Studies prepares students to act as agents of social change, our students are trained to get jobs that a person qualified in any other discipline can get. Majority of CEWS graduates are now hired in various positions by government and non-government agencies. As one of the requirements of our teaching is practicum, our students work as interns with various GOs/NGOs and thus gain practical training and gain experience. To help our students in their future careers, we remain engaged with the corporate sector.

## Faculty Members

### Professor

- Dr. Nasreen Aslam Shah (*Director*)

### Assistant Professors

- Dr. Asma Manzoor
- Dr. Shagufta Nasreen
- Dr. Aliyah Ali
- Dr. Seema Manzoor

### Lecturers

- Ms. Duaa-e-Rehma

## Programs Offered

- B.A. (Hons.) (Morning & Evening)
- M.A. (Morning & Evening)
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2441  
99261654 (Direct)

**Website:** <http://genderstudiespakistan.com/>

**Email:** [cews@uok.edu.pk](mailto:cews@uok.edu.pk)

# Confucius Institute

## Introduction

Confucius Institute at the University of Karachi was established on November 29, 2013 under the auspices of Confucius Institute Headquarters Beijing, China. The Confucius Institute devotes itself to satisfy the demands of Pakistani people who learn Chinese language, to enhance understanding of the Chinese language and culture. It also aims to strengthen educational and cultural exchange, cooperation and friendly relationship between China and Pakistan.

The Confucius Institute is an ideal place for the students to experience and learn Chinese language and culture.

## Facilities

- Institute Library
- State of the Art Computer Language Laboratories
- Chinese Traditional Culture Display Museum
- Activity Hall for Cultural Activities
- Cultural Room
- Auditorium
- Internet Facility for Research Students

## Specific Research Areas

- Basic Communication Skills
- Chinese Traditional Culture
- Modern Chinese Language and Literature
- Ancient Chinese Language and Literature
- Chinese Traditional Philosophy
- The Society and History of China
- Cognitive Linguistics in Chinese
- Chinese Linguistics
- Chinese Phonetics

## Scholarship in China

- Professional development program for Chinese Language teachers in South Asian Countries.
- One Semester/One Academic-year of Chinese Language Learning + Bachelor Degree Teaching Chinese.
- Master's Degree in Teaching Chinese
- Ph.D. (in Humanities and Social Sciences) in China Fellowship.
- Joint Research Ph.D. Fellowship.

## Scholarship Coverage and Criteria

- The students who pass the HSK level 4 or above exams can enroll in any of the TOP 20 Chinese Universities for higher studies.

- Scholarship winners are exempted from registration and tuition fee, basic learning materials, accommodation on campus, monthly allowance, outpatient services and comprehensive insurance during study in China.

## Career Opportunities

Excellent job opportunities are available for students of Confucius Institute. Students may enter in a variety of vocational fields such as Chinese enterprises, Teaching Chinese, Educational Administration, Business, Banking, Interpreter, Research in Chinese Language and Culture etc.

## Faculty Members

### Pakistani Director

- Prof. Dr. M. Nasiruddin Khan

### Chinese Director

- Prof. Zhang Xiaoping

### Professors

- Ms. You Li

### Lecturers

- |                |                  |
|----------------|------------------|
| • Wangkangnan  | • Lin Hong       |
| • Li Wenbiao   | • Zhang Mengyuan |
| • Long Yunying | • Miao Muzheng   |
| • Li Xuemei    | • Hu Zhitian     |
| • Cao Yun Ying | • Cao Yu         |
| • Su Chang     | • Zhou Shijun    |
| • Zhu Shucheng | • Li Yang        |
| • Yu Deng      | • Liu Xiang Jun  |
| • Liu Yan      | • Zhao Jing      |
| • Yao Xiaoyu   | • Tian Tingting  |
| • An Ziyi      | • Xie Rumin      |
| • Wu Xueshuang | • Wang Lin       |

## Programs Offered

- HSK Certificate Course
  - Chinese Bridge competition series
  - Summer/Winter Camps
  - The Confucius China Studies Program:
    - a. Joint Research Ph.D. Fellowship
    - b. Ph.D. in China Fellowship
- (Further Enquiry: [www.chinesetest.cn](http://www.chinesetest.cn))

## For Further Enquiry

**Telephone:** 99261046

**Website:** [www.confuciusinstituteuok.com](http://www.confuciusinstituteuok.com)

**Email:** [ci@uok.edu.pk](mailto:ci@uok.edu.pk)

# Appendix – A

Eligibility for admission to BS, Honors & BA/LL.B. on open merit basis

## Faculty of Arts & Social Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	ARABIC	B.A. (H)	50	Intermediate or equivalent
02.	BENGALI	B.A. (H)	20	i) Intermediate or equivalent ii) DAE or equivalent
03.	CRIMINOLOGY	B.A. (H)	100	Intermediate or equivalent
04.	ENGLISH	B.A. (H)	50	i) 'A' Level (with English Literature) ii) 'A' Level (with English General [A,B or C grade]) iii) Intermediate (with at least 50% marks in Elective English) iv) Intermediate (with at least 50% marks in Advance English) v) Intermediate (with at least 60% marks in English Compulsory)
<i>Note:</i> Admissions will be given according to above order of priority.				
05.	ECONOMICS	B.A. / B.Sc. (H)	100 50	Intermediate (with Economics) / Intermediate Commerce Intermediate Science
<i>Note:</i> In case of vacant seats, allocation of seats for Arts or Science can be interchanged.				
06.	HISTORY	B.A. (H)	25 65 10	Intermediate with General History Intermediate with any subject DAE
<i>Note:</i> In case of vacant seats, allocation can be interchanged.				
07.	ISLAMIC HISTORY	B.A. (H)	100 10	i) Intermediate Arts (with Islamic History) ii) Intermediate Arts (Preference will be given to candidates with Islamic Learning, General History or Arabic) DAE
<i>Left-over seats will be given to Intermediate or equivalent.</i>				
08.	LIBRARY & INFORMATION SCIENCES	B.A. (H)	60	Intermediate
09.	PERSIAN	B.A. (H)	40	Intermediate / DAE

S.#	Department	Class	No. of Seats	Required eligibility
10.	PHILOSOPHY	B.A. (H)	60	Intermediate (Science, Arts, Commerce), Diploma in Fine Arts or equivalent
11.	PSYCHOLOGY	B.A. / B.Sc. (H)	25	Intermediate Arts/Science (with Psychology)
			18	Intermediate Arts / Science / Commerce / Home Economics/ Computer Science / A-Level with (1 <sup>st</sup> division)
	<i>Note:</i> Incase of vacant seats, allocation can be interchanged.		02	DAE (with 1 <sup>st</sup> Division)
12.	POLITICAL SCIENCE	B.A. (H)	80	Intermediate (with Civics)
			20	Intermediate Science or Commerce (with at least 50% Marks)
13.	SINDHI	B.A. (H)	75	Intermediate in any Discipline
14.	SOCIOLOGY	B.A. (H)	60	Intermediate Arts: i) 1st division with Sociology ii) 1st division with Economics Civic, Psychology, Education, Social Work or Statistics iii) Intermediate with 45% marks in Sociology iv) Intermediate with Economics, Civic, Psychology, Education, Social Work or Statistics
	<i>Note:</i> Admissions will be given according to above order of priority.		05	Intermediate Science with at least 55% marks
			05	Intermediate Commerce with atleast 55% marks
15.	SOCIAL WORK	B.A. (H)	35	Intermediate Arts
			05	Intermediate Science (Pre-Medical)
			05	Intermediate Science (Pre-Engineering)
			05	Intermediate Science with Computer Science
16.	URDU	B.A. (H)	150	Intermediate with Urdu Advance or Urdu Compulsory
17.	WOMEN'S STUDIES	B.A. (H)	100	Intermediate or equivalent

S.#	Department	Class	No. of Seats	Required eligibility
<b>Faculty of Science:</b>				
01	<b>AGRICULTURE &amp; AGRIBUSINESS MANAGEMENT</b>	BS	60	Intermediate Science or equivalent
02.	<b>BIOCHEMISTRY</b>	B.Sc. (H)	65	Intermediate Science (with Chemistry and Biology)
03.	<b>BOTANY</b>	B.Sc. (H)	100	Intermediate Science (Biology Group)
04.	<b>CHEMISTRY</b>	B.Sc. (H)	120	Intermediate Science (with Chemistry)
			05	DAE
05.	<b>GEOGRAPHY</b>	B.A. / B.Sc. (H)	60	Intermediate Science (Pre-Engineering)
			30	Intermediate Science (Biology Group)
			10	Intermediate Science with Computer Science
			30	Intermediate Arts / Commerce
06.	<b>HEALTH, PHYSICAL EDUCATION &amp; SPORTS SCIENCES</b>	B.Sc. (H)	15	Intermediate Science (Pre-Medical)
			08	Intermediate Science (Pre-Engineering)
			07	Intermediate Arts / Commerce
07.	<b>GEOLOGY</b>	B.Sc. (H)	75	Intermediate Science (Pre-Engineering / Pre-Medical)
08.	<b>INSTITUTE OF SPACE SCIENCE &amp; TECHNOLOGY (ISST)</b>	B.Sc. (H)	90	Intermediate Science with Mathematics and Physics.
			10	DAE (Electrical, Electronics, Mechanical, Radio, T.V., Telecommunication, Computer Information Technology)
09.	<b>MARINE SCIENCE</b>	B.Sc. (H)	30	Intermediate Science: (Pre-Medical/Pre-Engineering/General Science)

S.#	Department	Class	No. of Seats	Required eligibility
10.	MATHEMATICS	B.A. / B.Sc. (H)	150	i) Intermediate (Science/Arts) with Mathematics at least 50% Marks. ii) Intermediate with certificate in Mathematics from University of Karachi.
	FINANCIAL MATHEMATICS	BS	40	Intermediate Pre-Engineering at least 50% Marks
			10	Intermediate or equivalent with 50 % Marks
	COMPUTATIONAL MATHEMATICS	BS	50	Intermediate Pre-Engineering at least 50% Marks
11.	MICROBIOLOGY	B.Sc. (H)	120	Intermediate Science (with Biology) with at least 60% marks.
12.	PHYSICS	B.Sc. (H)	120	Intermediate Science (with Physics and Mathematics)
			06	DAE (Electronics, Mechanical, Electrical, Radio, T.V., Telecommunication, Computer Information Technology)
13.	PHYSIOLOGY	B.Sc. (H)	100	Intermediate Science (with Biology)
14.	STATISTICS	B.A. / B.Sc. (H)	65	Intermediate (Science /Arts) with Mathematics
			05	DAE (with Mathematics)
	ACTUARIAL SCIENCE & RISK MANAGEMENT	BS	60	Intermediate Science /Arts or equivalent examination (with Mathematics) with at least 50% marks
15.	ZOOLOGY	B.Sc. (H)	100	Intermediate Science (Biology Group)
<b>Faculty of Islamic Studies:</b>				
01.	ISLAMIC LEARNING	B.A. (H)	100	Intermediate Arts, Science, Commerce (preference would be given to students who had optional Islamic Studies or Arabic)
02.	USOOL UD DIN	B.A. (H)	50	Intermediate or Equivalent
03.	QUR'AN AND SUNNAH	B.A. (H)	60	Intermediate or Equivalent
<b>Faculty of Law:</b>				
01.	SCHOOL OF LAW	BA/LL.B (5 Years)	100	Intermediate or equivalent with passes the <b>Law Admission Test (LAT)</b> with at least 50% marks conducted by Higher Education Commission, Pakistan

**Note: Advertisement for admission in BA/LLB (5 years) will be announced separately.**

# Appendix B

Eligibility for admission to BSCS / BSSE) / Chemical Engineering (B.E.) / BS / Hons./ B.Ed. (Hons.)/ BPA / BBA / DPT on Entry Test basis

Admissions to the following departments will be granted on pre-requisite (Intermediate or equivalent as per eligibility criteria) examination after qualifying the Entry Test with minimum 50% marks

(Sample Test Paper is available at University of Karachi website [www.uok.edu.pk](http://www.uok.edu.pk))

## Note:

- 1) Entrance Test will be held at University of Karachi on **Sunday, November 10, 2019**. Reporting time/vanue will be communicated at the time of issuance of Admit Cards.
- 2) All those candidates who applied for both programs i.e. Test Based Bachelors Programs and Doctor of Pharmacy (mentioned in this prospectus page 98) are required to appear in only one Test as per issued Admit Card. The result will be applicable for bot programs.

## Faculty of Arts & Social Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	INTERNATIONAL RELATIONS	B.A. (H)	35	Intermediate Arts with (Civics, General History, Economics, Sociology, Logic or Geography) Intermediate Science / Commerce with 1 <sup>st</sup> Division
			25	
<i>Note:</i> Incase of vacant seats, allocation can be interchanged.				
02.	MASS COMMUNICATION	B.A. (H)	35	Intermediate (Arts /Science/Commerce/ Home Economics) or equivalent DAE
			02	

## Faculty of Science:

01.	APPLIED PHYSICS	B.Sc. (H)	38	Intermediate with (Physics and Mathematics) DAE (Electrical / Electronics)
			02	
02.	APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY	B.Sc. (H)	96	Intermediate Science / A Level (with Mathematics, Physics and Chemistry) DAE (with Chemical Technology)
			15	
03.	BIOTECHNOLOGY	B.Sc. (H)	60	Intermediate (Pre-Medical/ Pre-Engineering)
04.	COMPUTER SCIENCE	BSCS BS (Computer Science)	105	Intermediate (Pre-Engineering)/ Intermediate with (Mathematics, Statistics and Computer Science) / Intermediate with (Mathematics, Statistics and Economics) with at least 55% marks. Intermediate with (Mathematics, Physics and Computer Science) with at least 55% marks DAE (Mechanical / Electrical / Electronics/Computer Information Technology) with at least 65% marks.
		BSSE BS (Software Engineering)	50	
				Intermediate (Pre-Engineering) / Intermediate with (Mathematics, Statistics and Computer Science) / Intermediate with (Mathematics, Statistics and Economics) with at least 55% marks. Intermediate with (Mathematics, Physics and Computer Science) with at least 55% marks. DAE (Mechanical / Electrical / Electronics / Computer Information /Technology) with at least 65% marks.

S.#	Department	Class	No. of Seats	Required eligibility
05.	<b>DOCTOR OF PHYSICAL THERAPY (DPT)</b> (Department of Health, Physical Education & Sports Sciences)		45	Intermediate Science (Biology Group) with at least 60 % marks.
06.	<b>ENVIRONMENTAL STUDIES</b>	B.Sc. (H)	25	Intermediate Science or equivalent
07.	<b>FOOD SCIENCE &amp; TECHNOLOGY</b>	BS	26 06	Intermediate Science with Physics, Chemistry and Mathematics. Intermediate Science with Physics, Chemistry and Biology.
08.	<b>PETROLEUM TECHNOLOGY</b>	B.Sc. (H)	40	Intermediate Science with Pre-Engineering at least 55%

### Faculty of Education:

01.	<b>EDUCATION</b>	B.A. (H)	50 02	Intermediate Arts, Science, Commerce or Home-Economics (Preference to be given with Education) DAE
02.	<b>SPECIAL EDUCATION</b>	B.A. (H)	50	Intermediate Arts, Science, Commerce
03.	<b>TEACHER EDUCATION</b>	B. Ed.(H)	50	Intermediate or equivalent with at least 50% marks

### Faculty of Management & Administrative Sciences:

01.	<b>KARACHI UNIVERSITY BUSINESS SCHOOL</b>	BBA	50	Intermediate / A-Level with at least 50% marks
02.	<b>PUBLIC ADMINISTRATION</b>	BPA	60	Intermediate (Arts, Science, Commerce) or equivalent DBA / DAE
03.	<b>COMMERCE</b>	BS	30 30	Intermediate (Commerce) with at least 50% marks. Intermediate (Arts / Science) with at least 50% marks.

### Faculty of Engineering:

01.	<b>CHEMICAL ENGINEERING</b>	B.E.	38 02	Intermediate Science (with Mathematics Physics and Chemistry )with at least 60%marks. DAE (Chemical Technology with at least 60% marks.
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# Appendix B (i)

## Eligibility for admission to Doctor of Pharmacy (Pharm-D) (Morning & Evening) on Entry Test basis

Admissions to **Doctor of Pharmacy (Morning & Evening)** will be granted on the basis of pre-requisite (Intermediate or equivalent) examination after qualifying the Entry Test with minimum 50% marks.

### Note:

- 1) Entrance Test will be held at University of Karachi on **Sunday, November 10, 2019**. Reporting time and venue will be communicated at the time of issuance of Admit Cards.
- 2) All those candidates who applied for both programs i.e. Doctor of Pharmacy and Test Based Bachelors Programs (mentioned in this prospectus page 96 & 97) are required to appear in only one Test as per issued Admit Card. The result will be applicable for both programs.  
(Sample Test Paper is available at University of Karachi website [www.uok.edu.pk](http://www.uok.edu.pk))

## Faculty of Pharmacy and Pharmaceutical Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	PHARMACY	Pharm-D Doctor of Pharmacy	200 (Morning) 150 (Evening)	Intermediate Science (Biology Group) with at least 60% marks.

# Appendix B (ii)

## Faculty of Arts & Social Sciences

S.#	Department	Class	No. of Seats	Required eligibility
01.	VISUAL STUDIES	Bachelors in Architecture / Design / Fine Arts	150	i) Intermediate or equivalent ii) Diploma from Recognized Technical Board with at least 60% marks

- Admission will be granted on the basis of Aptitude Test.
- Qualifying score for test & interview will be 50% each.

Weightage for merit list preparation will be as follows:

Pre-requisite Examination = 20 % + Aptitude Test = 60% + Interview = 20%

### NOTE:

The applicant must pass in each head passing marks in test and interview will be 50%.

### Seats Allocation

S.#	Specialization	No. of Seats
1	Architecture	20
2	Textile Design	20
3	Graphic Design	20
4	Film	20
5	Animation	20
6	Fine Art	15
7	Industrial Design	15
8	Islamic Arts	10
9	Ceramics & Glass	10
<b>TOTAL NO. OF SEATS</b>		<b>150</b>

# Appendix - C

## Major and Subsidiary Subjects for BS & Honors in the Faculty of Science.

The subjects are to be selected according to the following table:

### APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY

Subsidiary - I	Subsidiary - II
Mathematics	Physics

### APPLIED PHYSICS

Subsidiary - I	Subsidiary - II
Mathematics	Physics

### BIOCHEMISTRY

Subsidiary - I	Subsidiary - II
Chemistry	Botany
Chemistry	Zoology
Chemistry	Microbiology
Botany	Zoology
Microbiology	Botany
Microbiology	Zoology
Chemistry	Physiology
Biostatistics	Mathematics
Zoology	Physiology
Botany	Physiology
Physiology	Microbiology
Biostatistics	Chemistry
Biostatistics	Microbiology
Biostatistics	Physiology
Biostatistics	Zoology
Biostatistics	Botany

### BOTANY

Subsidiary - I	Subsidiary - II
Chemistry	Zoology
Chemistry	Microbiology
Chemistry	Geology
Chemistry	Physiology
Zoology	Geology
Zoology	Geography
Biochemistry	Zoology
Biochemistry	Chemistry
Biochemistry	Microbiology
Biochemistry	Physiology
Biostatistics	Zoology
Biostatistics	Geography
Biostatistics	Chemistry
Biostatistics	Biochemistry
Biostatistics	Physiology
Biostatistics	Microbiology

### CHEMISTRY

Subsidiary - I	Subsidiary - II
Physics	Mathematics
Botany	Zoology
Statistics	Mathematics
Biochemistry	Botany
Biostatistics	Zoology
Biostatistics	Geography
Biostatistics	Physiology

Biostatistics	Biochemistry
Biostatistics	Microbiology
Biostatistics	Botany
Microbiology	Physiology
Microbiology	Botany
Botany	Geology
Zoology	Geology
Geography	Geology
Statistics	Mathematics
Biochemistry	Zoology
Biochemistry	Physiology
Biochemistry	Microbiology

### ECONOMICS

Subsidiary - I	Subsidiary - II
Geography	Geology
Chemistry	Geology
Chemistry	Microbiology
Chemistry	Geography
Mathematics	Statistics
Mathematics	Geography
Physics	Mathematics

### GEOGRAPHY

Subsidiary - I	Subsidiary - II
Mathematics	Physics
Mathematics	Economics
Geology	Chemistry
Geology	Mathematics
Chemistry	Geology
Botany	Zoology
Botany	Biostatistics
Zoology	Psychology
Chemistry	Biostatistics
Zoology	Biostatistics
Botany	Psychology
Mathematics	Statistics
Mathematics	Biostatistics
Geology	Biostatistics

### GEOLOGY

Subsidiary - I	Subsidiary - II
Chemistry	Physics
(Only for Pre-Engineering Group)	

Chemistry	Geography
Chemistry	Botany
Chemistry	Zoology
Botany	Zoology
Geography	Biostatistics
Geography	Mathematics
Mathematics	Physics

<b>MATHEMATICS</b>		
	<b>Subsidiary - I</b>	<b>Subsidiary - II</b>
	Physics	Geology
	Physics	Geography
	Physics	Chemistry
	Physics	Statistics
	Geography	Statistics
	Statistics	Economics
	Physics	Economics
	Geography	Economics
	Chemistry	Geology
	Geography	Geology
	Geography	Chemistry
	Geology	Statistics
	Geology	Economics
	Statistics	Chemistry
	Chemistry	Economics

<b>BS COMPUTATIONAL MATHEMATICS</b>		
	Statistics	Physics
	Statistics	ISST

<b>MICROBIOLOGY</b>	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Biochemistry	Physiology
	Biochemistry	Chemistry
	Biochemistry	Zoology
	Biochemistry	Botany
	Biochemistry	Biostatistics
	Physiology	Chemistry
	Physiology	Zoology
	Physiology	Biostatistics
	Physiology	Botany
	Chemistry	Zoology
	Chemistry	Botany
	Chemistry	Biostatistics
	Zoology	Botany
	Zoology	Biostatistics
	Botany	Biostatistics

<b>PHYSICS</b>	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Mathematics	Chemistry
	Mathematics	Economics
	Mathematics	Geography
	Mathematics	Geology
	Mathematics	Statistics

<b>PHYSIOLOGY</b>	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Biochemistry	Zoology
	Biochemistry	Botany
	Biochemistry	Chemistry
	Biochemistry	Microbiology
	Zoology	Botany
	Zoology	Chemistry
	Zoology	Microbiology
	Botany	Chemistry
	Botany	Microbiology
	Chemistry	Microbiology
	Biostatistics	Biochemistry
	Biostatistics	Zoology
	Biostatistics	Botany
	Biostatistics	Microbiology
	Biostatistics	Chemistry

<b>PSYCHOLOGY</b>	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Mathematics	Statistics
	Biochemistry	Physiology
	Botany	Geography
	Physiology	Zoology
	Geography	Zoology
	Microbiology	Zoology

<b>STATISTICS</b>	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Mathematics	Physics
	Mathematics	Chemistry
	Mathematics	Geography
	Mathematics	Psychology
	Mathematics	Economics

<b>ZOOLOGY</b>	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Biostatistics	Botany
	Biostatistics	Biochemistry
	Biostatistics	Geography
	Biostatistics	Microbiology
	Biostatistics	Physiology
	Biochemistry	Botany
	Biochemistry	Microbiology
	Biochemistry	Physiology
	Biochemistry	Chemistry
	Botany	Geology
	Chemistry	Botany
	Chemistry	Microbiology
	Chemistry	Geology
	Physiology	Botany
	Physiology	Microbiology
	Botany	Chemistry
	Botany	Geography

<b>INSTITUTE OF SPACE SCIENCE &amp; TECHNOLOGY (ISST)</b>		
	<b>Subsidiary - I</b>	<b>Subsidiary - II</b>
	Physics	Mathematics

**NOTE**

Students who select Physics or Applied Chemistry as subsidiary should have passed the Intermediate or Higher Secondary Examination with Mathematics or Statistics.

Any student who has not passed Intermediate Science with Biology is not permitted to choose any subject from the Biology group.

Only those students can take Mathematics as a subsidiary subject who had Mathematics as an optional subject in the Intermediate, or who have passed certificate Course in Mathematics from Karachi University.

**All BS students are advised to select their subsidiary subjects in consultation with the Chairpersons of their major Department.**

# Appendix - D

## Major and Subsidiary subjects for BS & Honors in the Faculties of Arts & Social Sciences and Islamic Studies

Students of Honors In the Faculties of Arts & Social Sciences and Islamic Studies can select one major and two subsidiary subjects from the following subjects:

S. #	Subject	S. #	Subject
01.	Arabic	14.	Japanese*
02.	Bengali	15.	Mass Communication
03.	Criminology	16.	Mathematics
04.	Economics	17.	Persian
05.	Education	18.	Philosophy
06.	English	19.	Political Science
07.	French*	20.	Psychology
08.	History	21.	Sindhi
09.	Geography	22.	Social Work
10.	Int. Relations	23.	Sociology
11.	Islamic History	24.	Special Education
12.	Islamic Studies	25.	Urdu
13.	Italian*	26.	Women Studies

\* for subsidiary only

In order to select Major and Subsidiary subjects the following points should be kept In mind:

1. Students who have Economics as their Major subject are not allowed to take Arabic, Persian, Urdu, Bengali or Sindhi as subsidiary subject.
2. Students who have Criminology as their Major subject are not allowed to take Arabic or Bengali as subsidiary subject.
3. French, Japanese or Italian can be taken as a subsidiary subject only.
4. Students who have one language as Major subject are allowed to take another language as subsidiary.
5. Students who have Philosophy, Statistics or Geography as Major cannot take Social Works as Subsidiary. However, students with Statistics as Major should opt for Mathematics as subsidiary.
6. Students can select either Psychology or Geography as subsidiary subject but not both.
7. Students can choose only one of the following subjects: History, Islamic History, Islamic Studies and Mathematics. However, Islamic History can be taken with Islamic Studies. Students who have Islamic studies as major will follow rules governing B.A.(Hons.) in Islamic Learning.
8. International Relations cannot be taken together with Political Science.
9. Students who select Mass Communication as a Major must choose the subsidiary subjects from the following two groups (one from each group):

**Group A:** Sociology, Psychology and Economics.

**Group B:** Islamic History, History, Political Science, International Relations or any one language.

Students can choose Mathematics as subsidiary only if they had Mathematics as optional subject in HSC examination or have passed Certificate Course in Mathematics from Karachi University.

Students who select Islamic Studies as Major can take only one of the following languages: Arabic, Persian, Urdu, Sindhi, English and Bengali.

The following subjects cannot be taken simultaneously as subsidiary; only one from each group can be selected:

**Group A:** Psychology or Geography.

**Group B:** Sociology or Social Works.

**Group C:** Political Science or International Relations.

**Group D:** Islamic History or General History.

Students taking Geography or Statistics as major subject will be governed by rules concerning Hons.of Science Faculty. Students may select the subject of Women Studies as a subsidiary in consultation with the Chairpersons of their major departments.

Students having Library and Information Science as major subject cannot select Arabic, Persian, Italian, French and German languages as subsidiary since these languages are offered as paper II in Bachelors second year. However, English and Urdu can be opted.

### NOTE

If a student selects a subsidiary subject which is not in accordance with the above directives, he/she will not be examined in that subject. Every student, therefore, is directed to consult Chairperson of the major department before selecting subsidiary subjects.

A candidate choosing a wrong combination is bound to get the wrong subject changed with the permission of Chairperson / Concerned Dean.

# Appendix - E

## Eligibility for admission to Masters/LLB/BLIS on open merit basis

### Faculty of Arts & Social Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	ARABIC	M.A.	50	i) B.A. (with Arabic) ii) (B.A., B.Sc., B.Com. or equivalent) with Certificate in Arabic from some recognized institutions iii) *Al-Shahadat-ul-Aalia
*These candidates are required to submit complete equivalence certificate issued by the University of Karachi.				
02.	BENGALI	M.A.	20	B.A., B.Sc., B.Com., B.Sc. (Home-Economics) with Bengali or Certificate Course in Bangali.
03.	CRIMINOLOGY	M.A.	50	Graduation/LLB or equivalent degree
04.	ECONOMICS	M.A./M.Sc.	100 75	B.A., B.Com., B.Sc. (with Economics) B.Sc. (with Mathematics, Physics or Statistics)
<b>Note:</b> In case of vacant seats, allocation of seats can be interchanged.				
	ECONOMICS & FINANCE	MEF	75	Graduation
05.	ENGLISH	M.A.	40	i) Graduation (with at least 45% marks in Elective English) ii) Graduation (with at least 55% marks in Compulsory English)
<b>Note:</b> i) Admissions will be given according to above order of priority. ii) Candidates with Functional English are not eligible for admission.				
06.	HISTORY	M.A.	30 70	B.A. with General History Graduation in any discipline
<b>Note:</b> In case of vacant seats, allocation can be interchanged.				
07.	INTERNATIONAL RELATIONS	M.A.	40 15 05	B.A. (with International Relations, Economics, Political Science, General History, Philosophy, Sociology, Mass Communication or Geography) B.Sc. with 1 <sup>st</sup> division B.Com. with 1 <sup>st</sup> division
<b>Note:</b> In case of vacant seats, allocation can be interchanged.				
08.	ISLAMIC HISTORY	M.A.	100	i) B.A. with Islamic History ii) B.A. with Islamic Learning, Islamic Culture, General History or Arabic iii) B.A., B.Sc., B.Com. iv) Graduation

S.#	Department	Class	No. of Seats	Required eligibility
09.	<b>LIBRARY &amp; INFORMATION SCIENCE</b>	B.L.I.S.	70	B.A.,B.Sc.,B.Com.,B.Sc. (Home- Economics)
			08	B.A. with Library Science (Minimum 55% marks)
			02*	Reserved for candidates who have worked/are working in professional capacity in a library of a recognized institution for at least 3 years, who fulfill the following conditions: i) At least Second class graduate. ii) Certificate from the Head of the Institution giving justification and recommendation for the degree.
*(The condition of having graduated within the last five years will not apply to the applicants for these reserved seats)				
<b>If these seats remain vacant, they can be filled with applicants who have done B.A.</b>				
		<b>M.L.I.S.</b>	60	B.L.I.S. (Admissions to M.L.I.S. are granted at department's level. Details may be obtained from the Chairperson of the Department.)
10.	<b>PAKISTAN STUDIES</b>	M.A.	50	Graduation or equivalent
11.	<b>PERSIAN</b>	M.A.	30	i) Graduation (with Persian) ii) Graduation (with Diploma Khana-e-FarhangIran, or Diploma in Persian Language from Karachi University) iii) Graduation with Advanced Urdu
12.	<b>PHILOSOPHY</b>	M.A.	60	B.A., B. Com., B.Sc. or equivalent
13.	<b>POLITICAL SCIENCE</b>	M.A.	150	B.A. (with Political Science) At least 45% marks
	<b>PUBLIC POLICY</b> (Department of Political Science)	M.A.	75	Graduation with at least 45% marks
14.	<b>PSYCHOLOGY</b>	M.A./M.Sc.	30	B.A./B.Sc. (with Psychology)
			23	B.A./B.Sc./B.Com./B.Sc.(Home-Eco.) /BBA/ BPA/BS(Computer Science) with 1 <sup>st</sup> division
			02	MBBS/B.E. (with 1 <sup>st</sup> Division)
<b>Note:</b> Incase of vacant seats, allocation can be interchanged.				
15.	<b>SINDHI</b>	M.A.	75	Graduation in any discipline

S.#	Department	Class	No. of Seats	Required eligibility
16.	<b>SOCIAL WORK</b>	M.A.	35	B.A. (with Social Work)
			10	B.A. (with Sociology or Psychology)
			5	B.Sc. (with Biology group)
17.	<b>SOCIOLOGY</b>	M.A.	50	i) B.A. (1st division with Sociology)
				ii) B.A. (1 <sup>st</sup> division with Economics, Political Science, Psychology, Education, Social Work, Statistics or General History)
				iii) B.A. (with 45% marks in Sociology)
				iv) B.A. (with Economics, Political Sciences Psychology, Education, Social Work, Statistics or General History)
<i>Note:</i>	Admissions will be given according to above order of priority.		5	B.Sc. with at least 50% marks
			10	B.Sc. (Home Economics) with at least 50% marks
			5	B.Com. with at least 50% marks
18.	<b>URDU</b>	M.A.	100	Graduation
	<b>IQBALIYAT (IQBAL STUDIES)</b>	M.A.	50	Graduation
		M. A.(Linguistics)	75	Candidate may apply for admission after completion of M.A.(Previous) Admissions are granted by the department.
19.	<b>WOMEN'S STUDIES</b>	M.A.	60	Graduation or equivalent
<b>Faculty of Science:</b>				
01.	<b>APPLIED CHEMISTRY &amp; CHEMICAL TECHNOLOGY</b>	M.Sc.	12	B.Sc. (Industrial Technology)
02.	<b>APPLIED PHYSICS</b>	M.Sc.	60	i) B.Sc. with Physics and Mathematics
				ii) B.E.(Electrical/Electronics/Telecommunication)
				iii) B.Tech.(Hons.) (Electrical/Electronics/Telecommunication)
03.	<b>BIOCHEMISTRY</b>	M.Sc.	35	B.Sc. (with Biochemistry) or B.Sc. Medical Technology with Physiology and Biochemistry.
04.	<b>BIOTECHNOLOGY</b>	M.Sc.	50	B.Sc. / B.Sc. (Hons.) / B.Sc. (Medical Technology) with Microbiology or Biochemistry
05.	<b>BOTANY</b>	M.Sc.	50	B.Sc. (with Botany)

S.#	Department	Class	No. of Seats	Required eligibility
06.	<b>COMPUTER SCIENCE</b>	M.C.S.	70	i) BCS from Institutions affiliated with University of Karachi with minimum 2.5 CGPA ii) B.Sc. / B.A./B.E./ B.Tech.(Hons.) with Mathematics or Statistics or Physics as one of the subject. iii) B.A./B.Sc./ B.Com. and Post Graduate Diploma in Computer and Information System / Statistics / Mathematics from University of Karachi.
07.	<b>CHEMISTRY</b>	M.Sc.	30 70	B.Sc. with Chemistry(Pre-Engineering) B.Sc. with Chemistry (Pre-Medical / Geography / Geology)
08.	<b>ENVIRONMENTAL STUDIES</b>	M.Sc.	25	B.Sc. / B.Pharm. / Pharm-D /B.E./MBBS/ B.Sc. (Nursing) or any relevant degree
09.	<b>GENETICS</b>	M.Sc.	72	i) B.Sc. with Biology subjects (Zoology, Botany, Microbiology, Biochemistry, Physiology) ii) B.Sc. with Psychology, Geography, Geology, Chemistry or Statistics with any two subjects mentioned in (i) iii) B.Sc. (Medical Technology) / Agriculture / B.Pharm./Pharm-D.or equivalent. iv) B.Sc.(Honours Biology Group) 2 <sup>nd</sup> Year conversion through chairperson (These B.Sc. students will not have to wait for one year after completion of two years)
10.	<b>GEOGRAPHY</b>	M.A./M.Sc.	25 20	B.Sc. (with Geography) B.A. (with Geography)
11.	<b>GEOLOGY</b>	M.Sc.	15	B.Sc. (with Geology)
12.	<b>HEALTH,PHYSICAL EDUCATION&amp; SPORTS SCIENCES</b>	M.Sc.	50	i) B.P.Ed.(Bachelor degree in Physical Education) ii) B.A./B.Sc.(with Physical Education as subject) iii) M.B.B.S./B.Sc. (Physiotherapy / Medical Technology/O.T./Nursing)/B.Pharm./Pharm-D) iv) B.A./B.Sc./B.Com. and participation in any game at College, City, Province or National level v) B.E., BBA, BPA, L.L.B. and participation in any game at College, City, Province or National level. vi) Graduation or equivalent
13.	<b>INSTITUTE OF SPACE SCIENCE &amp; TECHNOLOGY (ISST)</b>	M.Sc.	50	B.Sc.(with Physics and Mathematics) / B.E. or equivalent.

S.#	Department	Class	No. of Seats	Required eligibility
14.	<b>MICROBIOLOGY</b>	M.Sc.	80	B.Sc. (with Microbiology) with at least 50% marks. i) Bachelor of Veterinary Science with at least 50% marks. ii) Bachelor of Veterinary Medicine with at least 50% marks. iii) B.Sc. Medical Technology with Microbiology with at least 50% marks.
15.	<b>MATHEMATICS</b>	M.A./M.Sc.	80	i) B. A. /B. Sc.with Mathematics ii) B.E. / B.C.S. iii) Graduation with Diploma in Mathematics from University of Karachi
16.	<b>MARINE SCIENCE</b>	M.Sc.	40	B. Sc. with (Biochemistry, Botany, Chemistry Geography, Geology, Genetics, Marine Science, Microbiology, Physics or Zoology)
17.	<b>PETROLEUM TECHNOLOGY</b>	M.Sc.	25 10 05	B.Sc. with Mathematics with at least 55% Marks. B.E. with at least 55% marks. B.Tech.(Hons.) in (Petroleum/Chemical/Mechanical)with at least 55% marks.
18.	<b>PHYSICS</b>	M.Sc.	50	B.Sc.(with Mathematics and Physics)
19.	<b>PHYSIOLOGY</b>	M.Sc.	35	i) Microbiology ii) Biochemistry iii) Zoology iv) Botany v) Chemistry M.B.B.S / D.V.M / B.Sc. Physiotherapy (B.Sc. Pass) Biology Group with at least 60 % marks
20.	<b>STATISTICS</b>	M.A./M.Sc.	50 10	B.A./B.Sc. (with Mathematics and Statistics) Graduation with PGD in Statistics.
21.	<b>ZOOLOGY</b>	M.Sc.	80	B.Sc. (with Zoology)

S.#	Department	Class	No. of Seats	Required eligibility
<b>Faculty of Education</b>				
01.	<b>EDUCATION</b>	M.A.	35 15 04	B.A. with Education B.A., B.Sc., B. Com., B.Sc.(Home-Economics) (Preference to be given with Education) B.Ed.
02.	<b>SPECIAL EDUCATION</b>	M.A.	45 20	i) B.A. with Psychology, Education, Sociology or Social Work. ii) Graduation Special School nominations (Govt. and Non-Govt.)
03.	<b>TEACHER EDUCATION</b>	B.Ed. (3 <sup>rd</sup> Year)	20	Graduates of ADE (2 years Associate Degree in Education)
<b>Faculty of Islamic Studies</b>				
01.	<b>ISLAMIC LEARNING</b>	M.A.	60	B.A., B.Sc., B.Com. (Preference will be given to candidates with optional Islamic Studies in B.A.)
	<b>ISLAMIC BANKING &amp; FINANCE</b>	IBF	50	B.A., B.Sc., B.Com. or equivalent. B.A. (Hons.) in Islamic Learning, Qur'an and Sunnah or Usool-Ud-Din at least 2 <sup>nd</sup> Division.
02.	<b>QUR'AN AND SUNNAH</b>	M.A.	60	i) B.A./ B.Sc. / B.Com. or equivalent. ii) *Al-Shahadat-ul-Aalia (from HEC recognized Board)
*These candidates are required to submit complete equivalence certificate issued by the University of Karachi.				
03.	<b>USOOL-UD-DIN</b>	M.A.	50	i) B.A./ B.Sc. / B.Com. or equivalent ii)* Al-Shahadat-ul-Aalia (from HEC recognized Board)
* These candidates are required to submit complete equivalence certificate issued by the University of Karachi.				

# Appendix – F

## Eligibility for admission to M.A / M.Com. / MPA / BS(BBA) on Entry Test basis

Admissions to Masters Programs in the following departments will be granted on pre-requisite (Graduation or equivalent as per eligibility criteria) examination after qualifying the Entry Test with minimum 50 % marks.

### Note:

- 1) Entrance Test for following masters programs will be held on **Sunday, November 03, 2019** at the Department of Political Science, Faculty of Arts & Social Science, University of Karachi. Reporting time will be 10:00 a.m.  
(Sample Test Paper is available at University of Karachi website [www.uok.edu.pk](http://www.uok.edu.pk))

### Faculty of Arts & Social Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	MASS COMMUNICATION	M.A.	35	Graduation or equivalent

### Faculty of Management & Administrative Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	KARACHI UNIVERSITY BUSINESS SCHOOL	BS(BBA) (Two Years)	50	Fourteen years education with at least 50% marks

Note: The candidates who have already completed BBA 4-years are not eligible for the above BS(BBA) two years program, however, 1 ½ years MBA for the candidates of BBA 4-years will be announced separately.

02.	PUBLIC ADMINISTRATION	MPA	50	Graduation
03.	COMMERCE	M.Com.	120	B.Com. with at least 50% marks

# Appendix – G

## Evening Program

Evening Program admissions for session 2020 will be announced separately in December 2019 for Bachelors(BS/B.A./B.Sc.(H))/Certificate programs and in June 2020 for Masters/Diploma programs. The brochure of the Evening Program contains details about the courses offered, fee structure, and the relevant rules and regulations. Following Certificate, Diploma and Degrees are offered in the evening program.

### CERTIFICATE PROGRAMS

1. Mass Communications
2. Persian
3. Mathematics
4. Petroleum Technology
5. Urdu

### DIPLOMA PROGRAMS

1. Audiology and Speech Pathology
2. Contemporary Arabic
3. Computer Science
4. Criminology
5. Early Childhood Education (Weekend)
6. Economics and Finance
7. Environmental Sciences
8. Functional Arabic
9. International Relations
10. Local Government (DLG)
11. Mathematics
12. Petroleum Technology
13. Public Administration (PGDPA)
14. Public Admin. & Public Policy Analysis(PGDPA&PPA)
15. Supply Chain Management
16. Human Resource Management
17. Quranic Arabic
18. Speech & Language Pathology

### BACHELOR'S PROGRAMS

1. Agriculture & Agribusiness Management
2. Actuarial Science and Risk Management
3. Audiology and Speech Pathology
4. Applied Chemistry & Chemical Technology
5. Applied Physics
6. BS Commerce
7. B.B.A
8. Biotechnology
9. Biochemistry
10. Botany
11. Chemistry
12. Computer Science (BSCS/BSSE)
13. Economics
14. English
15. Education
16. Environmental Studies
17. Food Science & Technology
18. History
19. International Relations
20. Mass Communication
21. Microbiology
22. Mathematical Sciences
23. Physics
24. Doctor of Pharmacy
25. Physiology
26. Psychology
27. Public Administration (BPA)
28. Sociology

29. Special Education
30. Space Science & Technology
31. Statistics
32. Urdu
33. Women's Studies
34. Zoology

### MASTER'S PROGRAMS

1. Agriculture and Agribusiness Management
2. Administrative Sciences (MAS)
3. Applied Physics (with specialization in Electronics)
4. Applied Mathematics
5. Applied Statistics
6. Audiology and Speech Pathology
7. B.Ed. in Special Education
8. Education
9. Biochemistry
10. Botany
11. Chemistry
12. Commerce M.Com. (General / Insurance)
13. Computer Science
14. Criminological Sciences
15. Criminology
16. Economics
17. Economics & Finance
18. English
19. English (Literature / Linguistic)
20. Environmental Sciences
21. Health, Physical Education & Sports Sciences
22. Industrial & Business Mathematics (M.I.B.M)
23. International Relations
24. Islamic Learning
25. Space Science
26. M. Pharm. (Pharmaceutics/Pharmacology/Pharmacognosy)
27. Mass Communications
28. Microbiology
29. MIBM
30. Petroleum Technology
31. Physics (with specialization in Electronics & Communications)
32. Physiology
33. Population Sciences
34. Public Administration-MPA
35. Public Policy
36. Quran-o-Sunnah
37. Sociology
38. Supply Chain Management
39. Teacher Education B.ed (H) Secondary(1.5 Years) (Weekend Program)
40. Teacher Education (M.Ed.) (Weekend Program)
41. Transport Management1
42. Zoology

# Appendix -H

Closing percentage by category and eligibility for BS, B.A./B.Sc.(Hons.)

Open Merit Admissions-2019

(These percentages are only for guidance and not applicable for admissions-2020)

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	MERIT CATEGORY			3 % OLD CAND. CATEGORY		
			"K"	"S"	"P"	"K"	"S"	"P"
1	ACTUARIAL SCIENCES & RISK MANAGEMENT	ASR	63.45	---	---	---	81.36	---
2	AGRICULTURE & AGRIBUSINES MANAGEMENT	AGR	62.09	---	---	46.27	---	---
3	ARABIC	ARB	45.00	56.09	52.73	63.42	48.09	---
4	BENGALI	BEN	---	76.27	---	54.73	---	---
5	BIOCHEMISTRY	BCH	76.09	---	---	56.55	---	---
6	BOTANY	BOT	65.45	---	---	59.27	---	---
7	CHEMISTRY	CHM	73.73	---	---	45.36	51.45	---
8	CHEMISTRY (DAE)	CHM	70.78	---	---	---	---	64.03
9	CRIMINOLOGY	CRI	65.62	---	---	70.96	---	---
10	ECONOMICS (ARTS/COMMERCE)	ECO	56.36	---	---	57.55	---	---
11	ECONOMICS (SCIENCE)	ECO	58.64	---	---	60.27	---	---
12	FINANCIAL MATHEMATICS (BS) (GENERAL)	MATF	70.64	---	---	73.45	---	---
13	FINANCIAL MATHEMATICS (BS) (PRE-ENGINEERING)	MATF	61.45	---	---	50.64	---	---
14	GENERAL HISTORY (DAE)	GHS	61.09	---	---	64.96	---	---
15	GENERAL HISTORY (MERIT)	GHS	52.00	---	---	75.00	---	---
16	GENERAL HISTORY (with General History)	GHS	45.64	---	---	---	---	---
17	GEOGRAPHY (Arts / Commerce Group)	GGR	53.73	---	---	53.27	---	---
18	GEOGRAPHY (General Science Group with Computer Science)	GGR	56.91	---	---	---	---	---
19	GEOGRAPHY (Pre-Engineering Group)	GGR	55.18	---	---	60.91	---	---
20	GEOGRAPHY (Pre-Medical Group)	GGR	61.91	---	---	49.55	---	---
21	GEOLOGY	GEO	59.18	---	---	62.91	---	---
22	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Arts / Commerce Group)	HPE	62.45	---	---	61.82	---	---
23	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Pre-Engineering Group)	HPE	59.00	---	---	48.09	---	---
24	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Pre-Medical Group)	HPE	68.18	---	---	---	---	---
25	ISLAMIC HISTORY (DAE)	IHS	61.94	67.04	---	63.58	---	---
26	ISLAMIC HISTORY (MERIT)	IHS	46.00	---	45.64	47.64	---	---
27	ISLAMIC HISTORY (with ISL / ARB / GHS)	IHS	45.55	53.00	50.73	---	---	57.00
28	ISLAMIC HISTORY (with Islamic History)	IHS	45.36	48.09	47.00	59.09	---	---
29	ISLAMIC LEARNING (MERIT)	ISL	51.45	---	---	55.82	---	---
30	ISLAMIC LEARNING (with ISL / ARB)	ISL	45.09	---	---	45.09	---	52.64
31	LIBRARY & INFORMATION SCIENCE	LSC	51.45	---	---	54.27	---	---
32	MARINE SCIENCE	MRS	70.09	---	---	54.91	---	---
33	MATHEMATICS	MAT	62.64	---	---	67.55	---	---
34	MICROBIOLOGY	MBI	76.82	---	---	65.36	---	---
35	PERSIAN	PER	45.45	65.13	45.64	51.09	---	---
36	PHILOSOPHY	PHI	52.64	---	---	68.64	---	---
37	PHYSICS	PHY	60.00	---	---	52.18	---	---
38	PHYSICS (DAE)	PHY	70.38	---	---	---	---	---
39	PHYSIOLOGY	PHZ	73.45	---	---	54.91	55.73	---
40	POLITICAL SCIENCE (Science / Commerce Group)	POL	63.45	---	---	70.55	---	---

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	MERIT CATEGORY			3 % OLD CAND. CATEGORY		
			"K"	"S"	"P"	"K"	"S"	"P"
41	POLITICAL SCIENCE (with Civics)	POL	45.00	61.18	47.00	47.27	---	---
42	PSYCHOLOGY (DAE)	PSY	76.39	---	---	---	---	---
43	PSYCHOLOGY (MERIT)	PSY	82.36	---	---	76.09	---	---
44	PSYCHOLOGY (with Psychology)	PSY	60.45	---	---	---	---	---
45	QURA'N AND SUNNAH	QES	45.45	60.55	45.55	46.36	---	---
46	SCHOOL OF LAW ( 5 Years Program)	LLB	67.27	---	---	68.20	---	---
47	SINDHI	SND	45.91	46.91	68.09	48.18	64.45	---
48	SOCIAL WORK (Arts Group)	SWK	50.64	---	---	53.82	---	---
49	SOCIAL WORK (General Science Group with Computer Science)	SWK	56.73	---	---	---	---	---
50	SOCIAL WORK (Pre-Engineering Group)	SWK	61.18	---	---	59.82	---	---
51	SOCIAL WORK (Pre-Medical Group)	SWK	66.27	---	---	---	63.55	---
52	SOCIOLOGY (Commerce Group)	SCL	67.09	---	---	57.64	---	---
53	SOCIOLOGY (Science Group)	SCL	75.18	---	---	70.64	---	---
54	SOCIOLOGY (Arts Group 1st Division with ECO, CIV, PSY, EDU, SWK, STA)	SCL	60.64	68.18	60.00	---	---	---
55	SOCIOLOGY (Arts Group 1st Division with Sociology)	SCL	60.64	---	60.09	---	---	---
56	SOCIOLOGY (Arts Group with 45% marks in Sociology)	SCL	53.55	---	---	52.73	---	---
57	SOCIOLOGY (Arts Group with ECO, CIV, PSY, EDU, SWK, STA)	SCL	---	---	---	52.18	---	---
58	SPACE SCIENCE & TECHNOLOGY	ISP	59.55	---	---	---	55.82	---
59	SPACE SCIENCE & TECHNOLOGY (DAE)	ISP	70.56	---	---	---	---	66.72
60	STATISTICS (Science / Arts Group with Mathematics)	STA	57.00	---	---	53.55	---	---
61	STATISTICS (DAE Group with Mathematics)	STA	71.72	---	---	---	---	---
62	URDU	URD	46.82	---	---	57.27	---	---
63	USOOL-UD-DIN	USD	45.18	45.00	46.91	46.45	---	---
64	WOMEN'S STUDIES	WST	50.27	---	---	53.09	---	---
65	ZOOLOGY	ZOO	71.82	---	---	56.91	---	---

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

# Appendix -I

Closing percentage by category and eligibility for Masters Open Merit Admissions-2019  
(These percentages are only for guidance and not applicable for admissions-2020)

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
1	APPLIED PHYSICS	APH	48.50	---	47.12
2	ARABIC	ARB	62.10	---	---
3	BIOCHEMISTRY	BCH	52.12	61.43	78.44
4	BIOTECHNOLOGY	BTH	56.94	62.06	51.94
5	BENGALI	BEN	48.60	---	---
6	BOTANY	BOT	49.31	55.76	48.89
7	CHEMISTRY (Pre-Engineering)	CHM	50.12	58.74	---
8	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	56.25	---	---
9	COMPUTER SCIENCE (MCS)	MCS	48.31	50.19	50.62
10	CRIMINOLOGY	CRI	46.60	51.38	51.12
11	ECONOMICS (With Economics)	ECO	46.09	52.54	46.88
12	ECONOMICS (Science)	ECO	---	55.00	46.73
13	ECONOMICS & FINANCE	MEF	46.10	51.07	47.55
14	GENERAL HISTORY (Merit)	GHS	52.90	59.29	50.50
15	GENERAL HISTORY (with General History)	GHS	58.30	---	52.00
16	GENETICS	GEN	50.69	58.57	49.62
17	GEOGRAPHY (with Geography)	GGR	64.00	60.05	47.25
18	GEOLOGY	GEO	---	---	---
19	HEALTH , PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	46.90	54.05	45.00
20	INDUSTRIAL & BUSINESS MATHEMATICS (NOT OFFERED IN 2020)	IBM	52.71	---	---
21	INTERNATIONAL RELATIONS (Commerce)	IRL	61.93	---	66.06
22	INTERNATIONAL RELATIONS (Science)	IRL	60.81	62.53	60.62
23	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD / GGR)	IRL	46.00	53.10	46.25
24	ISLAMIC BANKING & FINANCE	IBF	47.18	52.62	49.45
25	ISLAMIC HISTORY (Merit)	IHS	49.50	51.31	52.38
26	ISLAMIC HISTORY (with ISL / ICL / GHS / ARB)	IHS	50.00	---	55.60
27	ISLAMIC LEARNING (Merit)	ISL	45.30	52.90	46.25
28	LIBRARY & INFORMATION SCIENCES	LSC	46.82	54.30	48.62
29	MARINE SCIENCE	MRS	51.69	54.05	52.88
30	MATHEMATICS	MAT	45.25	51.76	45.00
31	MICROBIOLOGY	MBI	53.81	79.00	60.32
32	PAKISTAN STUDIES	PKS	46.29	47.20	48.75
33	PETROLEUM TECHNOLOGY (Pre-Engineering)	PET	---	---	67.00
34	PHARMACOLOGY (MS)	PHL	67.00	67.00	---
35	PHILOSOPHY	PHI	49.86	---	52.18
36	PHYSICS	PHY	50.88	55.42	45.88
37	PHYSIOLOGY	PHZ	60.25	65.56	69.12
38	POLITICAL SCIENCE	POL	46.20	53.18	45.88
39	PSYCHOLOGY (Merit)	PSY	61.00	65.11	---
40	PSYCHOLOGY (with Psychology)	PSY	51.30	---	---
41	PUBLIC POLICY	PPL	48.40	63.00	74.00
42	QUR'AN AND SUNNAH	QES	48.56	52.60	65.00
43	SCHOOL OF LAW (LLB 03 YEARS) (NOT OFFERED IN 2020)	LLB	46.10	47.07	56.50
44	SINDHI	SND	68.10	55.32	---
45	SOCIAL WORK (with Social Work)	SWK	46.90	---	52.80
46	SOCIAL WORK (Biology Group)	SWK	---	---	62.88

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
47	SOCIOLOGY (Commerce)	SCL	52.93	---	---
48	SOCIOLOGY (Science)	SCL	52.31	53.90	52.73
49	SOCIOLOGY (1st Division) (with Sociology)	SCL	60.10	---	64.12
50	SOCIOLOGY (1st Division) (Arts Group with ECO, POL, PSY, EDU, SWK, STA, GHS)	SCL	---	---	61.75
51	SOCIOLOGY (with 45% marks in Sociology)	SCL	46.40	---	45.38
52	SOCIOLOGY (Arts Group with ECO, POL, PSY, EDU, SWK, STA, GHS)	SCL	47.10	50.00	47.50
53	SPACE SCIENCE & TECHNOLOGY	ISP	50.50	63.00	56.94
54	SPECIAL EDUCATION	SPE	47.00	55.90	53.12
55	STATISTICS (B.A./B.Sc. with MAT and STA)	STA	53.50	---	47.00
56	URDU	URD	45.80	---	45.25
57	URDU IQBALIYAT	IQB	50.20	---	---
58	USOOL-UD-DIN	USD	75.60	---	---
59	WOMEN'S STUDIES	WST	50.60	54.00	48.00
60	ZOOLOGY	ZOO	45.00	58.74	49.38
<b>( Conversion Cases 5 % Seats )</b>					
1	APPLIED PHYSICS	APH	52.87	---	68.80
2	BIOCHEMISTRY	BCH	72.69	---	---
3	BIOTECHNOLOGY	BTH	70.46	---	---
4	CHEMISTRY (Pre-Engineering)	CHM	67.62	---	---
5	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	73.46	---	---
6	COMPUTER SCIENCE (MCS)	MCS	74.77	---	---
7	CRIMINOLOGY	CRI	68.50	---	---
8	ECONOMICS (With Economics)	ECO	51.90	52.90	62.50
9	ECONOMICS (Science)	ECO	50.50	---	68.60
10	ECONOMICS & FINANCE	MEF	65.30	---	---
11	GENERAL HISTORY (Merit)	GHS	---	---	73.89
12	GENERAL HISTORY (with General History)	GHS	---	---	74.00
13	GENETICS	GEN	76.90	---	---
14	GEOGRAPHY (with Geography)	GGR	69.83	---	---
15	GEOLOGY	GEO	66.40	---	79.00
16	HEALTH , PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	58.80	---	---
17	INDUSTRIAL & BUSINESS MATHEMATICS (NOT OFFERED IN 2020)	IBM	51.33	79.46	---
18	INTERNATIONAL RELATIONS (Commerce)	IRL	---	---	---
19	INTERNATIONAL RELATIONS (Science)	IRL	63.69	---	---
20	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD / GGR)	IRL	72.40	---	---
21	ISLAMIC BANKING & FINANCE	IBF	65.85	---	---
22	ISLAMIC HISTORY (Merit)	IHS	62.17	---	---
23	ISLAMIC HISTORY (with ISL / ICL / GHS / ARB)	IHS	66.00	---	---
24	ISLAMIC LEARNING (Merit)	ISL	63.92	---	---
25	LIBRARY & INFORMATION SCIENCES	LSC	56.60	54.54	57.20
26	MARINE SCIENCE	MRS	64.31	---	---
27	MATHEMATICS	MAT	71.31	---	---
28	MICROBIOLOGY	MBI	67.62	---	---
29	PAKISTAN STUDIES	PKS	61.69	---	---
30	PETROLEUM TECHNOLOGY (Pre-Engineering)	PET	58.60	---	67.40
31	PHARMACOLOGY (MS)	PHL	---	---	---
32	PHILOSOPHY	PHI	58.70	---	---
33	PHYSICS	PHY	73.00	---	---
34	PHYSIOLOGY	PHZ	80.46	---	---
35	POLITICAL SCIENCE	POL	53.60	70.58	58.30
36	PSYCHOLOGY (Merit)	PSY	77.69	---	---
37	PSYCHOLOGY (with Psychology)	PSY	71.92	---	---
38	PUBLIC POLICY	PPL	55.30	---	55.00
39	QUR'AN AND SUNNAH	QES	67.08	---	---
40	SCHOOL OF LAW (LLB 03 YEARS) (NOT OFFERED IN 2020)	LLB	69.80	---	---
41	SINDHI	SND	---	---	66.10
42	SOCIAL WORK (with Social Work)	SWK	58.40	66.72	53.22
43	SOCIOLOGY (Commerce)	SCL	---	---	64.25
44	SOCIOLOGY (Science)	SCL	71.10	---	---
45	SOCIOLOGY (1st Division) (with Sociology)	SCL	74.00	---	---

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
46	SOCIOLOGY (1st Division) (Arts Group with ECO, POL, PSY, EDU, SWK, STA, GHS)	SCL	72.20	---	---
47	SOCIOLOGY (with 45% marks in Sociology)	SCL	71.92	---	---
48	SOCIOLOGY (Arts Group with ECO, POL, PSY, EDU, SWK, STA, GHS)	SCL	69.31	---	---
49	SPACE SCIENCE & TECHNOLOGY	ISP	61.15	---	71.92
50	SPECIAL EDUCATION	SPE	58.00	---	59.80
51	STATISTICS (B.A./B.Sc. with MAT and STA)	STA	71.31	---	---
52	URDU	URD	54.40	---	62.46
<b>( Honors Cases 5 % Seats )</b>					
1	APPLIED PHYSICS	APH	---	74.00	79.00
2	ARABIC	ARB	---	---	---
3	BIOCHEMISTRY	BCH	55.43	---	---
4	BIOTECHNOLOGY	BTH	---	---	79.00
5	BENGALI	BEN	---	---	---
6	BOTANY	BOT	---	---	---
7	CHEMISTRY (Pre-Engineering)	CHM	---	---	---
8	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	67.13	---	---
9	COMPUTER SCIENCE (MCS)	MCS	79.13	---	---
10	CRIMINOLOGY	CRI	63.25	54.75	---
11	ECONOMICS (With Economics)	ECO	70.00	---	78.32
12	ECONOMICS (Science)	ECO	---	72.40	---
13	ECONOMICS & FINANCE	MEF	59.79	70.00	---
14	GENERAL HISTORY (Merit)	GHS	---	---	---
15	GENERAL HISTORY (with General History)	GHS	---	---	---
16	GENETICS	GEN	---	---	---
17	GEOGRAPHY (with Geography)	GGR	66.79	---	70.00
18	GEOLOGY	GEO	---	---	74.37
19	HEALTH , PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	60.09	---	---
20	INDUSTRIAL & BUSINESS MATHEMATICS (NOT OFFERED IN 2020)	IBM	---	---	---
21	INTERNATIONAL RELATIONS (Commerce)	IRL	74.00	---	---
22	INTERNATIONAL RELATIONS (Science)	IRL	72.68	---	68.67
23	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD / GGR)	IRL	62.04	---	---
24	ISLAMIC BANKING & FINANCE	IBF	64.54	61.22	---
25	ISLAMIC HISTORY (Merit)	IHS	---	---	70.71
26	ISLAMIC HISTORY (with ISL / ICL / GHS / ARB)	IHS	---	---	---
27	ISLAMIC LEARNING (Merit)	ISL	58.17	---	---
28	LIBRARY & INFORMATION SCIENCES	LSC	---	---	---
29	MARINE SCIENCE	MRS	62.25	---	---
30	MATHEMATICS	MAT	64.76	62.00	53.88
31	MICROBIOLOGY	MBI	---	---	---
32	PAKISTAN STUDIES	PKS	58.35	---	---
33	PETROLEUM TECHNOLOGY (Pre-Engineering)	PET	61.39	---	---
34	PHARMACOLOGY (MS)	PHL	---	---	---
35	PHILOSOPHY	PHI	70.00	---	---
36	PHYSICS	PHY	62.09	---	---
37	PHYSIOLOGY	PHZ	---	---	---
38	POLITICAL SCIENCE	POL	---	---	---
39	PSYCHOLOGY (Merit)	PSY	79.57	---	---
40	PSYCHOLOGY (with Psychology)	PSY	61.88	---	---
41	PUBLIC POLICY	PPL	62.72	---	79.00
42	QUR'AN AND SUNNAH	QES	---	---	---
43	SCHOOL OF LAW (LLB 03 YEARS) (NOT OFFERED IN 2020)	LLB	53.07	56.43	69.26
44	SINDHI	SND	---	---	---
45	SOCIAL WORK (with Social Work)	SWK	64.50	---	---
46	SOCIAL WORK (Biology Group)	SWK	54.39	---	---
47	SOCIOLOGY (Commerce)	SCL	---	---	---
48	SOCIOLOGY (Science)	SCL	---	62.70	---
49	SOCIOLOGY (1st Division) (with Sociology)	SCL	---	---	---
50	SOCIOLOGY (1st Division) (Arts Group with ECO, POL, PSY, EDU, SWK, STA, GHS)	SCL	75.18	---	---
51	SOCIOLOGY (with 45% marks in Sociology)	SCL	---	---	---
52	SOCIOLOGY (Arts Group with ECO, POL, PSY, EDU, SWK, STA, GHS)	SCL	64.65	---	---

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
53	SPACE SCIENCE & TECHNOLOGY	ISP	---	---	84.00
54	SPECIAL EDUCATION	SPE	---	---	---
55	STATISTICS (B.A./B.Sc. with MAT and STA)	STA	74.00	---	---
56	URDU	URD	---	---	---
57	URDU IQBALIYAT	IQB	---	---	---
58	USOOL-UD-DIN	USD	---	---	---
59	WOMEN'S STUDIES	WST	---	---	---
60	ZOOLOGY	ZOO	---	---	---
<b>(Other University Cases 5 % Seats)</b>					
1	APPLIED PHYSICS	APH	67.00	---	---
2	ARABIC	ARB	---	---	---
3	BIOCHEMISTRY	BCH	---	---	---
4	BIOTECHNOLOGY	BTH	79.00	---	---
5	BENGALI	BEN	---	---	---
6	BOTANY	BOT	---	---	---
7	CHEMISTRY (Pre-Engineering)	CHM	---	---	---
8	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	67.00	---	---
9	COMPUTER SCIENCE (MCS)	MCS	74.00	---	---
10	CRIMINOLOGY	CRI	62.00	---	---
11	ECONOMICS (With Economics)	ECO	47.40	---	---
12	ECONOMICS (Science)	ECO	---	---	---
13	ECONOMICS & FINANCE	MEF	81.14	---	---
14	GENERAL HISTORY (Merit)	GHS	56.00	---	---
15	GENERAL HISTORY (with General History)	GHS	---	---	---
16	GENETICS	GEN	---	---	---
17	GEOGRAPHY (with Geography)	GGR	---	---	---
18	GEOLOGY	GEO	66.85	---	---
19	HEALTH , PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	51.80	---	---
20	INDUSTRIAL & BUSINESS MATHEMATICS (NOT OFFERED IN 2020)	IBM	63.00	---	---
21	INTERNATIONAL RELATIONS (Commerce)	IRL	---	---	---
22	INTERNATIONAL RELATIONS (Science)	IRL	74.00	---	---
23	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD / GGR)	IRL	70.00	---	---
24	ISLAMIC BANKING & FINANCE	IBF	60.00	---	---
25	ISLAMIC HISTORY (Merit)	IHS	63.00	---	---
26	ISLAMIC HISTORY (with ISL / ICL / GHS / ARB)	IHS	---	---	---
27	ISLAMIC LEARNING (Merit)	ISL	49.10	---	---
28	LIBRARY & INFORMATION SCIENCES	LSC	54.30	---	---
29	MARINE SCIENCE	MRS	70.00	67.00	---
30	MATHEMATICS	MAT	74.00	---	---
31	MICROBIOLOGY	MBI	62.93	---	---
32	PAKISTAN STUDIES	PKS	70.00	---	---
33	PETROLEUM TECHNOLOGY (Pre-Engineering)	PET	60.56	---	67.00
34	PHARMACOLOGY (MS)	PHL	74.00	---	---
35	PHILOSOPHY	PHI	67.00	---	---
36	PHYSICS	PHY	70.00	---	---
37	PHYSIOLOGY	PHZ	74.00	---	---
38	POLITICAL SCIENCE	POL	47.10	---	79.00
39	PSYCHOLOGY (Merit)	PSY	70.00	---	---
40	PSYCHOLOGY (with Psychology)	PSY	74.00	---	---
41	PUBLIC POLICY	PPL	51.30	80.00	---
42	QUR'AN AND SUNNAH	QES	64.00	---	79.00
43	SCHOOL OF LAW (LLB 03 YEARS) (NOT OFFERED IN 2020)	LLB	79.00	---	---
44	SINDHI	SND	45.70	---	---
45	SOCIAL WORK (with Social Work)	SWK	48.60	---	---
46	SOCIAL WORK (Biology Group)	SWK	---	---	---
47	SOCIOLOGY (Commerce)	SCL	56.57	---	---
48	SOCIOLOGY (Science)	SCL	---	---	---
49	SOCIOLOGY (1st Division) (with Sociology)	SCL	67.00	---	---
50	SOCIOLOGY (with 45% marks in Sociology)	SCL	57.10	---	---
51	SOCIOLOGY (Arts Group with ECO, POL, PSY, EDU, SWK, STA, GHS)	SCL	54.08	---	---

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
52	SPACE SCIENCE & TECHNOLOGY	ISP	84.00	---	---
53	SPECIAL EDUCATION	SPE	46.70	---	---
54	STATISTICS (B.A./B.Sc. with MAT and STA)	STA	---	---	---
55	URDU	URD	50.80	70.00	---
56	URDU IQBALIYAT	IQB	---	---	---
57	USOOL-UD-DIN	USD	---	---	---
58	WOMEN'S STUDIES	WST	67.00	---	---
59	ZOOLOGY	ZOO	64.37	---	---
<b>(Old Cases 3 % Seats) (Year of Passing &lt; 2013)</b>					
1	APPLIED PHYSICS	APH	---	70.00	50.25
2	BIOCHEMISTRY	BCH	51.14	---	---
3	BOTANY	BOT	---	56.69	46.62
4	CHEMISTRY (Pre-Engineering)	CHM	---	59.26	---
5	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	63.25	---	63.25
6	COMPUTER SCIENCE (MCS)	MCS	53.53	52.38	---
7	CRIMINOLOGY	CRI	55.67	---	---
8	ECONOMICS (With Economics)	ECO	54.82	---	---
9	ECONOMICS (Science)	ECO	---	46.29	---
10	ECONOMICS & FINANCE	MEF	55.71	---	---
11	GENERAL HISTORY (Merit)	GHS	45.43	---	---
12	GENETICS	GEN	52.31	---	---
13	HEALTH , PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	55.13	---	---
14	INTERNATIONAL RELATIONS (Commerce)	IRL	62.82	---	---
15	INTERNATIONAL RELATIONS (Science)	IRL	---	65.94	---
16	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD / GGR)	IRL	54.90	---	---
17	ISLAMIC BANKING & FINANCE	IBF	56.36	---	74.00
18	ISLAMIC HISTORY (Merit)	IHS	49.10	52.18	---
19	ISLAMIC LEARNING (Merit)	ISL	45.90	67.00	---
20	LIBRARY & INFORMATION SCIENCES	LSC	55.70	---	---
21	MARINE SCIENCE	MRS	---	---	57.25
22	MATHEMATICS	MAT	66.92	---	---
23	MICROBIOLOGY	MBI	62.58	---	---
24	PAKISTAN STUDIES	PKS	56.10	---	---
25	PHARMACOLOGY (MS)	PHL	63.00	68.43	---
26	PHILOSOPHY	PHI	70.00	---	---
27	PHYSICS	PHY	---	55.89	---
28	PHYSIOLOGY	PHZ	79.00	---	---
29	POLITICAL SCIENCE	POL	48.20	49.20	53.60
30	PSYCHOLOGY (Merit)	PSY	71.70	---	---
31	PSYCHOLOGY (with Psychology)	PSY	52.20	---	---
32	PUBLIC POLICY	PPL	58.33	---	66.32
32	QUR'AN AND SUNNAH	QES	50.36	---	---
33	SCHOOL OF LAW (LLB 03 YEARS) (NOT OFFERED IN 2020)	LLB	57.72	---	---
34	SINDHI	SND	---	59.74	---
35	SOCIOLOGY (Commerce)	SCL	51.82	---	---
36	SOCIOLOGY (Home-Economics)	SCL	---	---	64.48
37	SOCIOLOGY (1st Division) (with Sociology)	SCL	---	---	60.00
38	SOCIOLOGY (with 45% marks in Sociology)	SCL	54.75	---	---
39	SOCIOLOGY (Arts Group with ECO, POL, PSY, EDU, SWK, STA, GHS)	SCL	50.88	---	---
40	SPECIAL EDUCATION	SPE	45.86	---	48.09
41	STATISTICS (B.A./B.Sc. with MAT and STA)	STA	56.33	---	---
42	URDU	URD	47.10	---	50.00
43	URDU IQBALIYAT	IQB	52.60	---	---
44	WOMEN'S STUDIES	WST	48.60	---	---

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

# Appendix –J

Closing percentage for Test Based Admissions-2019  
(These percentages are only for guidance and not applicable for admissions-2020)  
Bachelors Programs (Test Based):

S.#	NAME OF THE DEPARTMENT	DEPTT. CODE	ACADEMIC CLOSING%	3% OLD CAND. ACD. CLOSING%
1	APPLIED CHEMISTRY AND CHEMICAL TECHNOLOGY	ACH	70.09%	69.82%
2	APPLIED CHEMISTRY AND CHEMICAL TECHNOLOGY (DAE)	ACH	64.47%	71.85%
3	APPLIED PHYSICS	APH	73.91%	---
4	APPLIED PHYSICS (DAE)	APH	73.94%	---
5	BIOTECHNOLOGY	BTH	79.64%	75.09%
6	CHEMICAL ENGINEERING (B.E)	CHE	75.09%	---
7	CHEMICAL ENGINEERING (B.E) (DAE)	CHE	74.69%	64.67%
8	COMMERCE (BS) (ARTS / SCIENCE)	COM	75.00%	61.36%
9	COMMERCE (BS) (with COMMERCE)	COM	74.91%	61.18%
10	COMPUTER SCIENCE (BSCS)	CMS	75.64%	82.91%
11	COMPUTER SCIENCE (BSSE)	CME	75.82%	---
12	DOCTOR OF PHYSICAL THERAPY	DPT	82.55%	68.82%
13	EDUCATION (DAE)	EDU	73.74%	---
14	EDUCATION (MERIT)	EDU	70.82%	49.27%
15	EDUCATION (with EDUCATION)	EDU	46.73%	---
16	ENGLISH ('A' Level with Literature) / ENGLISH ('A' Level with A,B,C Grade)	ENG	68.64%	---
17	ENGLISH (Advance ENGLISH with >= 50% marks)	ENG	61.00%	---
18	ENGLISH (Compulsory English with >= 60% marks)	ENG	79.18%	74.45%
19	ENGLISH (Elective with >= 50% marks)	ENG	53.00%	---
20	ENVIRONMENTAL STUDIES	ENV	76.82%	48.00%
21	FOOD SCIENCE AND TECHNOLOGY (BS) (PRE-ENGINEERING)	FST	74.18%	50.09%
22	FOOD SCIENCE AND TECHNOLOGY (BS) (PRE-MEDICAL)	FST	84.36%	---
23	INTERNATIONAL RELATIONS (ARTS with CIV / GHS / ECO / SCL / LOG / CGR)	IRL	53.55%	---
24	INTERNATIONAL RELATIONS (COMMERCE / SCIENCE)	IRL	78.91%	70.45%
25	KARACHI UNIVERSITY BUSINESS SCHOOL (BBA)	BBA	81.18%	72.36%
26	MASS COMMUNICATION	MCD	78.00%	83.45%
27	MASS COMMUNICATION (DAE)	MCD	77.35%	---
28	PETROLEUM TECHNOLOGY	PET	73.00%	---
29	PUBLIC ADMINISTRATION (BPA)	BPA	76.45%	67.18%
30	PUBLIC ADMINISTRATION (BPA) (DBA / DAE)	BPA	75.77%	---
31	SPECIAL EDUCATION	SPE	64.73%	49.91%
32	TEACHER EDUCATION (B.ED.)	TED	72.00%	62.64%
<b>Note: Doctor of Pharmacy (Pharm-D Morning &amp; Evening) are announced separately.</b>				
1	DOCTOR OF PHARMACY (PHARM-D MORNING PROGRAM)	PHM	81.73%	---
2	DOCTOR OF PHARMACY (PHARM-D EVENING PROGRAM)	PHE	80.09%	75.09%

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

## Masters Programs (Test Based):

## ( MERIT SEATS )

S.No.	NAME OF THE DEPARTMENT	DEPTT. CODE	ACADEMIC CLOSING%
1	COMMERCE (M.COM)	COM	51.50%
2	EDUCATION (with EDUCATION)	EDU	48.60%
3	EDUCATION (MERIT)	EDU	46.71%
4	ENGLISH (Compulsory English with >=55% marks)	ENG	52.88%
5	ENGLISH (Elective English with >=45% marks)	ENG	54.10%
6	ENVIRONMENTAL STUDIES Note: The admission will be granted on open merit basis this year (session 2020).	ENV	47.62%
7	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	60.71%
8	MASS COMMUNICATION	MCD	49.00%
9	PUBLIC ADMINISTRATION (MPA)	MPA	54.20%
10	TEACHER EDUCATION	TED	73.79%

## ( CONVERSION CASES 5 % SEATS )

1	EDUCATION (with EDUCATION) Note: The admission will be granted on open merit basis this year (session 2020).	EDU	69.60%
2	EDUCATION (MERIT) Note: The admission will be granted on open merit basis this year (session 2020).	EDU	55.50%
3	ENGLISH (Compulsory English with >=55% marks) Note: The admission will be granted on open merit basis this year (session 2020).	ENG	54.94%
4	ENGLISH (Elective English with >=45% marks) Note: The admission will be granted on open merit basis this year (session 2020).	ENG	53.30%
5	ENVIRONMENTAL STUDIES Note: The admission will be granted on open merit basis this year (session 2020).	ENV	66.40%
6	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	73.50%
7	MASS COMMUNICATION	MCD	74.56%
8	PUBLIC ADMINISTRATION (MPA)	MPA	74.00%

## ( HONORS CASES 5 % SEATS )

1	EDUCATION (MERIT) Note: The admission will be granted on open merit basis this year (session 2020).	EDU	60.84%
2	EDUCATION (with EDUCATION) Note: The admission will be granted on open merit basis this year (session 2020).	EDU	70.57%
3	ENGLISH (Compulsory English with >=55% marks) Note: The admission will be granted on open merit basis this year (session 2020).	ENG	66.96%
4	ENVIRONMENTAL STUDIES Note: The admission will be granted on open merit basis this year (session 2020).	ENV	74.37%
5	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	73.16%
6	MASS COMMUNICATION	MCD	77.33%
7	PUBLIC ADMINISTRATION (MPA)	MPA	70.04%

## ( OTHER UNIVERSITY CASES 5 % SEATS )

1	COMMERCE (M.COM)	COM	60.79%
2	EDUCATION (MERIT) Note: The admission will be granted on open merit basis this year (session 2020).	EDU	50.83%
3	EDUCATION (with EDUCATION) Note: The admission will be granted on open merit basis this year (session 2020).	EDU	46.60%
4	ENGLISH (Compulsory English with >=55% marks) Note: The admission will be granted on open merit basis this year (session 2020).	ENG	59.00%
5	ENVIRONMENTAL STUDIES Note: The admission will be granted on open merit basis this year (session 2020).	ENV	63.00%
6	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	79.00%
7	MASS COMMUNICATION	MCD	79.00%
8	PUBLIC ADMINISTRATION (MPA)	MPA	74.90%
9	TEACHER EDUCATION Note: The admission will be granted on open merit basis this year (session 2020).	TED	71.00%

## ( OLD CASES 3 % SEATS ) YEAR OF PASSING &lt; 2013 )

1	COMMERCE (M.COM)	COM	53.64%
2	EDUCATION (MERIT) Note: The admission will be granted on open merit basis this year (session 2020).	EDU	46.90%
3	EDUCATION (with EDUCATION) Note: The admission will be granted on open merit basis this year (session 2020).	EDU	45.90%
4	ENGLISH (Compulsory English with >=55% marks) N Note: The admission will be granted on open merit basis this year (session 2020).	ENG	61.30%
5	ENVIRONMENTAL STUDIES Note: The admission will be granted on open merit basis this year (session 2020).	ENV	74.00%
6	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	67.00%
7	MASS COMMUNICATION	MCD	51.00%
8	PUBLIC ADMINISTRATION (MPA)	MPA	73.73%

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

# Appendix-K

## Admission and Tuition Fee for Session 2020

DEPARTMENT	BS/HONS.	MASTERS
<b>FACULTY OF ARTS &amp; SOCIAL SCIENCES</b>		
	Rs.	Rs.
Arabic / Bengali / Economics / Economics & Finance / English / History / International Relations / Islamic History / Library & Information Science / Mass Communication / Pakistan Studies / Persian / Philosophy/Political Science/Public Policy/Psychology / Sindhi / Social Work / Sociology / Urdu / Women's Studies	13500	13500
Criminology	29500	29500
Visual Studies	45000	xxxx
<b>FACULTY OF EDUCATION</b>		
Education / Special Education / Teacher Education	13500	13500
<b>FACULTY OF ENGINEERING</b>		
Chemical Engineering	40000	xxx
<b>FACULTY OF ISLAMIC STUDIES</b>		
Islamic Learning / Islamic Banking & Finance / Usool-ud-Din / Quraa'n and Sunnah	13500	13500
<b>FACULTY OF LAW</b>		
School of Law	47000	54500
<b>FACULTY OF PHARMACY AND PHARMACEUTICAL SCIENCES</b>		
Doctor of Pharmacy (Morning Program)	35000	xxxx
Doctor of Pharmacy (Evening Program)	68500	xxxx
<b>FACULTY OF MANAGEMENT &amp; ADMINISTRATIVE SCIENCES</b>		
Karachi University Business School	56000	56000
Commerce	24000	24000
Public Administration	31000	31000
<b>FACULTY OF SCIENCE</b>		
Applied Chemistry & Chemical Technology / Applied Physics / Biochemistry / Biotechnology / Botany / Chemistry / Food Science & Technology / Genetics / Geography / Geology / Health, Physical Education & Sports Sciences / Institute of Space Science & Teachnology (ISST) /Mathematics/ Marine Science / Microbiology / Physics / Physiology / Statistics / Zoology	18000	18000
Agriculture and Agribusiness Management	39000	xxxx
Actuarial Science and Risk Management	35000	xxxx
Computer Science	42500	39500
Environmental Studies	35000	35000
Petroleum Technology	47500	39500
BS Financial Mathematics / BS Computational Mathematics	26000	xxxx
Doctor of Physical Therapy	114500	xxxx
<b>Note: Rs.1000/- admission fee for above morning programs and Rs.6500/- for Pharm-D (Evening Program) are included in the above fee.</b>		

# Appendix-L

Reserved Seats for Province of Sindh (Other than Karachi), Balochistan, FATA, Northern Areas, AJK, Armed Forces & Advocate Children's

S.#	Department	Sindh		Balochistan		Children of Armed Forces	FATA/ Northern Area / AJK		Advocate Son's/ Daughter's
		BS (Hons)	Masters	BS (Hons)	Masters	BS (Hons)/ Masters	BS (Hons)	Masters	
1	Actuarial Science & Risk Mang.	2	--	1	--	--	--	--	--
2	Agriculture & Agribusiness Management	2	--	1	--	--	--	--	--
3	Applied Chemistry & Ch. Tech.	2	--	1	--	1	--	--	--
4	Applied Physics	--	1	--	1	1	--	--	--
5	Arabic	2	1	--	1	1	--	--	--
6	Biochemistry	2	1	1	1	1	--	--	--
7	Biotechnology	--	1	--	1	--	--	--	--
8	Botany	2	2	1	1	--	2	4	--
9	Business Administration	--	--	--	--	2 (MBA)	--	--	--
10	Chemical Engineering	--	--	--	--	--	--	--	--
11	Chemistry	1	1	1	1	1	--	--	--
12	Criminology	2	2	2	2	--	--	--	--
13	Economics	--	--	--	--	2	--	4	--
14	English	--	--	--	--	1	--	--	--
15	Food Science & Technology	--	--	--	--	--	--	--	--
16	General History	3	2	2	1	1	--	--	--
17	Genetics	--	2	--	1	1	--	--	--
18	Geography	1	2	1	1	--	--	4	--
19	Geology	1	2	1	1	3	--	--	--
20	International Relations	--	2	--	1	2	--	--	--
21	Islamic History	2	2	1	1	1	--	--	--
22	Islamic Learning	2	2	1	1	1	--	--	--
23	Library & Information Science	--	2	--	1	1	--	--	--
24	Commerce	--	--	--	--	1 (M.Com)	--	--	--
25	Mass Communication	--	--	--	--	--	--	--	--
26	Mathematics	2	2	1	1	1	--	4	--
27	Microbiology	--	--	--	--	1	--	--	--
28	Persian	2	2	1	1	1	--	--	--
29	Petroleum Technology	--	2	--	1	--	--	--	--
30	Pharmacy (Pharm-D)	--	--	--	--	2	4 (AJK)	--	--
31	Philosophy	3	1	1	1	1	--	--	--
32	Physics	2	1	1	1	1	--	4	--
33	Physiology	3	2	2	1	1	--	--	--
34	Political Science	1	1	1	1	1	--	4	--
35	Psychology	1	1	1	1	1	--	4	--
36	School of Law	--	--	--	--	--	--	--	5
37	Social Work	1	1	1	1	1	--	--	--
38	Sociology	1	1	1	1	1	--	--	--
39	Special Education	--	3	--	1	--	--	--	--
40	Statistics	1	1	2	1	--	--	--	--
41	Urdu	2	1	2	1	1	--	--	--
42	Zoology	2	1	2	1	1	--	--	--

**Note:** Admissions on reserved seats for FATA, Northern Areas, AJK and Armed Forces are granted as per nominations from the relevant ministries / GHQ.

➤ All the above reserved seats candidates are required to submit the reserved seats Admission Form Separately.

# Appendix –M

## Number of Self Finance Seats in Different Departments/Programs

S#	Department/Program	Bachelors	Masters
1	Agriculture & Agribusiness Management	1	1
2	Applied Chemistry& Ch. Tech.	5	--
3	Applied Physics	1	1
4	Arabic	1	1
5	Bengali	1	1
6	Biochemistry	1	1
7	Biotechnology	12	1
8	Botany	1	1
9	Chemistry	10	10
10	Chemical Engineering	10	10
11	Commerce	10	10
12	Computer Science(BSCS)	25	--
13	Computer Science(BSSE)	15	--
14	Computer Science(MCS)	--	15
15	Criminology	2	1
16	Doctor of Pharmacy (D-Pharm) Morning Program	30	--
17	Doctor of Pharmacy (D-Pharm) Evening Program	30	--
18	Doctor of Physical Therapy(DPT)	10	--
19	Economics	5	5
20	English	5	5
21	Environmental Studies	1	1
22	Food Science & Technology	5	--
23	General History	1	1
24	Genetics	1	1
25	Geography	1	1
26	Geology	1	1
27	Health, Physical Education & Sports Science	1	1
28	Institute Of Space Science & Technology	1	1
29	International Relations	5	5
30	Islamic History	1	1
31	Islamic Learning	1	1
32	Karachi University Business School	25	25
33	Karachi University Business School (BBA Specialized Program)	2	--
34	Library & Information Science	--	1
35	Marine Science	1	1
36	Mass Communication	5	5
37	Mathematics	1	1
38	Microbiology	5	1
39	Pakistan Studies	1	1
40	Persian	1	1
41	Petroleum Technology	2	1

S#	Department / Program	Bachelors	Masters
42	Philosophy	1	1
43	Physics	1	1
44	Physiology	1	1
45	Political Science	1	1
46	Psychology	5	5
47	Public Administration	10	10
48	Public Policy	--	1
49	Quran & Sunnah	1	1
50	Sindhi	1	1
51	Social Work	1	1
52	Sociology	1	1
53	Statistics	1	1
54	Urdu	1	1
55	Usooluddin	1	1
56	Visual Studies (All Specilization)	6	--
57	Women's Studies	1	1
58	Zoology	1	1

University of Karachi offers admissions on Self-financed Seats. Faculty-wise amount (per seat) for Self-financed is as follows:

S.#	Faculty	Bachelors	Masters
1	Faculty of Management and Administrative Sciences	Rs. 5,00,000/-	Rs. 3,00,000/-
2	Department of Chemical Engineering	Rs. 6,00,000/-	---
3	Faculty of Arts & Social Sciences, Science and Islamic Studies	Rs. 4,00,000/-	Rs. 3,00,000/-
4	Faculty of Pharmacy and Pharmaceutical Sciences	Rs. 6,00,000/-	---
5	Doctor of Physical Therapy	Rs. 4,00,000/-	---
6	Department of Computer Science	Rs. 5,00,000/-	Rs. 3,00,000/-

### **Self Finance:**

**The admissions on self finance Seats are as follows:**

- Candidates seeking admission on self finance seats are required to pass KU Entry Test of their respective Department / Faculty.
- **The amount of fee will be taken in a lum sum, at the time of admission. However, candidates who have got admission on self finance seats must complete their degree / Program atthe stipulated time (semesters / years) to avoid extra fees. A penalty of Rs. 200,000/- will be charged fo reach additional year.**

# FEE REFUND POLICY

## NATIONAL LEVEL FEE-REFUND POLICY AT HIGHER EDUCATION INSTITUTIONS OF PAKISTAN

PERCENTAGE OF FEE	TIMELINE
FULL (100%) FEE REFUND	UP TO 7 <sup>TH</sup> DAY OF COMMENCEMENT OF CLASSES
HALF (50%) FEE REFUND	FROM 8 <sup>TH</sup> – 15 <sup>TH</sup> DAY OF COMMENCEMENT OF CLASSES
NO FEE (0%) REFUND	FROM 16 <sup>TH</sup> DAY OF COMMENCEMENT OF CLASSES

1. PERCENTAGE OF FEE SHALL BE APPLICABLE ON ALL COMPONENTS OF FEE, EXCEPT FOR SECURITY AND ADMISSION CHARGES.
2. TIMELINE SHALL BE CALCULATED CONTINUOUSLY COVERING BOTH WEEKDAYS AND WEEKEND.

# Academic Calendar 2020

## FIRST SEMESTER 2020

<i>Orientation Day</i>	<i>January 1, 2020</i>
<i>Teaching</i>	<i>January 2, 2020 to April 30, 2020</i>
<i>Semester Examinations</i>	<i>May 4, 2020 to May 22, 2020</i>
<i>Semester Break</i>	<i>May 25, 2020 to June 30, 2020</i>

## SECOND SEMESTER 2020

<i>Teaching</i>	<i>July 1, 2020 to November 6, 2020</i>
<i>Semester Examinations</i>	<i>November 10, 2020 to December 4, 2020</i>
<i>Semester Break</i>	<i>December 7, 2020 to December 31, 2020</i>

**Note:**

- a) The date for extra-curricular activities shall be announced later.
- b) The University of Karachi shall observe Federal and Provincial gazetted holidays.
- c) Eid holidays are subject to sighting of the moon.

# فہرست

- تعارف	- تعلیمی سہولیات
- داخلے	- دفتر مشیر امور طلبہ
- داخلہ پالیسی	- مشیر برائے غیر ملکی طلبہ
- اہلیت (میرٹ) کی بنیاد پر داخلے	- غیر ملکی طلباء کے لیے زبانیں سیکھنے کی سہولیات
- زمرے (کیٹگری) میں تبدیلی	- داخلہ پالیسی برائے غیر ملکی طلباء
- زمرے (کیٹگری) میں تبدیلی کی درخواست	- دفتر رہنمائی و مشاورت و تقرری طلبہ
- سیلف فائننس کی نشستوں پر داخلہ	- انضباطی کمیٹی
- مخصوص نشستوں پر داخلہ	- دفتر برائے مالی معاونت طلبہ
- اہلیت کی شرائط	- کتب خانہ
- داخلے کا طریقہ کار	- ایل ای جے ڈیجٹل لائبریری
- داخلے کی فہرست میں شامل امیدواروں کے لیے ہدایات	- بک بینک
- انزولمنٹ	- یونیورسٹی بک شاپ
- جامعہ کے ڈگری پروگرام اور کورسز	- مرکزی سائنسی تجربہ گاہ
- ڈگری پروگراموں کا دورانیہ	- طعام گاہیں
- تدریس کا جدول	- رہائش
- حاضری کے قانونی تقاضے	- ٹرانسپورٹ
- اگلے درجوں میں ترقی بر داخلے کی مطلوبہ اہلیت	- کھیل
	- صحت کی سہولیات

## تعارف

جامعہ کراچی ۱۹۵۱ء میں قائم ہوئی۔ اس کا قیام پارلیمنٹ کے یونیورسٹی آف کراچی ایکٹ ۱۹۵۰ء کے تحت ایک وفاقی جامعہ کے طور پر عمل میں آیا تھا جس میں ۱۹۶۲ء میں ترمیم کر کے اسے صوبہ سندھ کی یونیورسٹی قرار دیا گیا۔ وقت گزرنے کے ساتھ جامعہ کراچی ایک ایسے موثر قومی تعلیمی ادارے کے طور پر ابھری جو اعلیٰ مدارج کی معیاری تعلیم کا مرکز ہے۔

ابتدائی طور پر جامعہ کراچی شہر کے ایک پرانے علاقے میں سول اسپتال کے قریب پرنسز اسٹریٹ (موجودہ نام چاند بی بی روڈ) پر پرانی اور گنجان عمارت میں واقع تھی جہاں کا ماحول اعلیٰ تعلیم اور معیاری تحقیق کے لیے ناموزوں تھا۔ چنانچہ حکام نے جدید دور کی تعلیمی ضروریات کو مدنظر رکھتے ہوئے کنٹری کلب روڈ (موجودہ نام یونیورسٹی روڈ) پر واقع ایک وسیع قطعہ اراضی، جو ۱۲۷۹ ایکڑ پر محیط تھا، جامعہ کی نئی عمارت کے لیے مختص کیا جس پر آج کل یونیورسٹی قائم ہے۔

جامعہ کراچی آج نہ صرف اعلیٰ تعلیم کا معیاری مرکز سمجھی جاتی ہے اور علمی حلقوں میں اس کی مساعی بظہر استہسان دیکھی جاتی ہیں بلکہ اعلیٰ ترین تعلیم اور تحقیق کے میدانوں میں بھی اسے امتیاز و فضیلت حاصل ہے۔ یہ اہم تعلیمی ادارہ اب ایک ایسے علمی مرکز کے طور پر پہچانا جاتا ہے جو نئے دور کے تعلیمی تقاضوں سے خود کو ہم آہنگ کرتے ہوئے جدید دنیا کا اہم قدم ہے۔ کئی نامور سائنس دان اور اہل علم ماضی میں بھی جامعہ کراچی سے وابستہ رہے اور آج بھی ہیں، ان کے علمی اور تحقیقی مرتبے کا اعتراف نہ صرف پاکستان میں بلکہ بیرون ملک بھی کیا جاتا ہے۔ ان اہل علم اور سائنس دانوں کی حیثیت معاشرے کے ایسے مخلص افراد کی ہے جو اپنے علم اور تحقیق کے ذریعے پاکستان میں ترقی اور مثبت ذہنی تبدیلی لانے کے لیے مصروف عمل ہیں۔

جامعہ کراچی میں داخلے کے خواہش مند طلبہ و طالبات کی ہر سال بڑھتی تعداد کے پیش نظر چند برس قبل شام کی کلاسوں کا اجرا کیا گیا جس میں بیچلرز اور ماسٹرز پروگراموں میں داخلے دیے گئے اور شام کی کلاسوں میں داخلوں، تدریس اور انتظامی امور کے لیے ایک علیحدہ ڈائریکٹریٹ بھی قائم کیا گیا۔ جامعہ کراچی میں بیچلرز اور ماسٹرز پروگرام کے علاوہ ایم اے، ایم فل اور پی ایچ ڈی میں بھی داخلے دیے جاتے ہیں۔ یہ داخلے آرٹس اور سوشل سائنسز، ایجوکیشن، سائنس، فارمیسی، فارماسیوٹیکل سائنسز، اسلامک اسٹڈیز، انتظامیہ اور انتظامی علوم، انجینئرنگ اور لاء (قانون) کے کلیات (فیکلٹیوں) کے مختلف شعبہ جات میں دیے جاتے ہیں۔ جامعہ کراچی ایک ایسا ادارہ ہے جو دیگر تعلیمی اداروں (مثلاً کالجوں) کے الحاق کی منظوری دیتا ہے اور ان کے امتحانات بھی لیتا ہے۔ چنانچہ جامعہ نے ۱۳۸ کالجوں و دیگر تعلیمی اداروں کا الحاق منظور کیا ہے اور ہر سال ان تعلیمی اداروں میں زیر تعلیم تقریباً ڈیڑھ لاکھ طلبہ و طالبات کا جامعہ امتحان لیتی ہے اور انھیں اسناد (ڈگریاں) بھی جاری کرتی ہے۔ جامعہ کراچی کی جاری کردہ تعلیمی اسناد کی فضیلت کو پوری دنیا میں تسلیم کیا جاتا ہے۔ اس امر کا ثبوت اس حقیقت سے بھی ملتا ہے کہ دنیا کے اعلیٰ ترین تعلیمی اداروں کی جو فہرست ہر سال ایک موثر برطانوی ادارہ Times Higher Quacquarelli Symonds جاری کرتا ہے اس میں جامعہ کراچی کا نام مسلسل چار سال سے جگہ پارہا ہے۔

تعلیم اور تحقیق کے معیار کو مزید بلند کرنے کے لیے جامعہ کراچی نے ایک شعبہ Quality Enhancement Cell قائم کیا جس کا بنیادی مقصد خود تشخیصی نظام کے تحت جامعہ کے ہر شعبے میں تدریس اور تحقیق کے معیار کو مزید بلند کرنا ہے۔

## داخلے

اس سال جامعہ کراچی میں داخلے حسب ذیل ڈگری پروگراموں میں دیے جائیں گے:

بی ایس سی (چار سال)	بی ایس سی (آئز تین سال)
بی اے (پانچ سال)	ماسٹرز (دو سال)
بی اے (دو سال)	بی ایل آئی ایس (ایک سال)

جامعہ کراچی سے فارغ التحصیل طلبہ میں ڈاکٹر عبدالقدیر خان اور ڈاکٹر عطاء الرحمن جیسے نامور لوگ شامل ہیں۔ یہ امر جامعہ کے لیے باعثِ فخر ہے کہ اس کے نامور سابق طلبہ و طالبات نے علم اور تحقیق کے میدانوں میں ترقی کے ضمن میں اپنی اعلیٰ خدمات پیش کی ہیں۔ جامعہ کراچی کا شمار ان تعلیمی اداروں میں ہوتا ہے جو جدید تعلیم اور تحقیق کو خاص اہمیت دیتے ہیں اور اسی لیے جامعہ میں ایسے علوم اور مضامین کی تعلیم و تدریس پر زور دیا جاتا ہے جو طلبہ و طالبات کو مستقبل کی بصیرت دیں اور جدید دنیا کے علمی تقاضوں سے ہم آہنگ ہوں۔ اس سے طلبہ و طالبات کو ملک اور بیرون ملک حصولِ معاش اور ترقی کے مواقع سے فائدہ اٹھانے کا بھرپور موقع ملتا ہے۔

جامعہ کراچی اپنے متنوع تدریسی اور تحقیقی شعبوں کی وجہ سے جانی جاتی ہے۔ آج کل جامعہ جدید سہولیات اور طریقوں پر مبنی اعلیٰ تعلیم اور معیاری تحقیق حسبِ ذیل کلیات میں مہیا کر رہی ہے:

- |  |  |
|--|--|
| - کلیہ فنون و سماجی علوم (آرٹس اینڈ سوشل سائنسز) | - کلیہ تعلیم (ایجوکیشن)  |
| - کلیہ علوم (سائنس)                              | - کلیہ علوم معارف اسلامیہ (اسلامک اسٹڈیز)                      |
| - کلیہ قانون (لاء)                               | - کلیہ ادویہ و ادویاتی علوم (فارمیسی اینڈ فارماسیوٹیکل سائنسز) |
| - شعبہ امور کیمیکل انجینئرنگ                     | - کلیہ امور نظم و انتظامی (مینجمنٹ اینڈ اینڈسٹریٹو سائنسز)     |
| - کلیہ طب (میڈیسن)                               |  |

## - داخلہ پالیسی

جامعہ کراچی میں پچھلے زور اور ماسٹرز پروگرام میں داخلے تین زمروں کے (K)، ایس (S) اور پی (P) میں دیے جاتے ہیں جیسا کہ اکیڈمک کونسل نے منظوری دی ہے۔ یہ داخلے خالصتاً اہلیت کی بنیاد پر دیے جاتے ہیں تاہم کچھ داخلے ایسی نشستوں پر بھی دیے جاتے ہیں جو خاص زمروں کے درخواست گزاروں کے لیے مخصوص ہیں اور ان زمروں کی تفصیل یہ ہے: صوبہ سندھ کے درخواست گزار (کراچی کے سوا)، بلوچستان، فاٹا، آزاد جموں و کشمیر اور شمالی علاقہ جات کے درخواست گزار، پاک افواج کے عملے کے بچے، جامعہ کراچی کے وابستگان کے متعلقین (زوج، بیٹا، بیٹی)، بین الاقوامی طلبہ و طالبات، سیلف فائننس کے تحت داخلہ لینے والے درخواست گزار، خصوصی افراد (اسپیشل پرسنز) اور کھلاڑی (اسپورٹس پرسنز)۔ تاہم ان مخصوص نشستوں پر بھی داخلہ صرف اور صرف اہلیت کی بنیاد پر دیے جاتے ہیں۔

### وضاحت:

۱- فاٹا، شمالی علاقہ جات اور آزاد جموں و کشمیر کی مخصوص نشستوں پر داخلہ صرف ان اہل درخواست گزاروں کو دیا جاتا ہے جو اہلیت کی تمام شرائط کو بھی پورا کرتے ہوں اور جنہیں امور کشمیر، شمالی علاقہ جات ڈویژن، حکومت پاکستان، اسلام آباد، نے نامزد کیا ہو۔

۲- اسی طرح پاک افواج کے عملے کے بچوں کے لیے مخصوص نشستوں پر بھی داخلہ پاکستان کی مسلح افواج کے جنرل ہیڈ کوارٹر کی جانب سے کی گئی نامزدگی پر دیا جاتا ہے۔

۳- خصوصی افراد (اسپیشل پرسنز) کی مخصوص نشستوں پر داخلہ صرف میڈیکل امتحان اور اس کی سوشل ویلفیئر ڈیپارٹمنٹ حکومت سندھ یا سول سرجن کی تصدیق کے بعد ہی دیا جاتا ہے۔

۴- کھلاڑیوں (اسپورٹس پرسنز) کی مخصوص نشستوں پر داخلہ ان شرائط اہلیت اور معیار پر پورا اترنے اور اس کی تصدیق کی صورت میں دیا جاتا ہے جو متعلقہ ادارے / حکام پہلے سے طے کرتے ہیں۔

## اہلیت (میرٹ) کی بنیاد پر داخلے

چونکہ جامعہ کراچی میں داخلے کے امیدواروں کی تعداد دستیاب نشستوں کے مقابلے میں کہیں زیادہ ہوتی ہے لہذا داخلے اہلیت (میرٹ) کی بنیاد پر اور تین زمروں (کیٹگریز) میں دیے جاتے ہیں جن کی تفصیل یہ ہے:

کے (K) کیٹگری: اس زمرے میں وہ درخواست گزار شامل ہیں جنہوں نے اپنے میٹرک (ایس ایس سی)، انٹرمیڈیٹ (ایچ ایس سی) یا بیچلرز ڈگری (بی اے، بی کام، بی ایس سی) یا مساوی قابلیت کے امتحانات ان تعلیمی اداروں سے پاس کیے ہوں جو کراچی میں واقع ہوں اور جامعہ کراچی سے تسلیم شدہ بھی ہوں۔

اضافی طور پر پانچ (۵) فی صد نشستیں ان اہل درخواست گزاروں کے لیے مخصوص ہیں جنہوں نے اپنے گریجویٹیشن کے امتحانات ان تعلیمی اداروں سے پاس کیے ہیں جو کراچی کی حدود میں واقع ہیں اور جامعہ کراچی سے منظور شدہ ہیں۔

ایس (S) کیٹگری: اس زمرے میں وہ درخواست گزار شامل ہیں جنہوں نے اپنے میٹرک، انٹرمیڈیٹ یا بیچلرز ڈگری کے امتحانات میں سے کم از کم ایک امتحان ایسے تسلیم شدہ تعلیمی ادارے سے پاس کیا ہو جو صوبہ سندھ میں واقع ہو (کراچی کے سوا)۔

پی (P) کیٹگری: اس زمرے میں وہ درخواست گزار شامل ہیں جنہوں نے اپنے میٹرک، انٹرمیڈیٹ یا بیچلرز ڈگری کے امتحانات میں سے کم از کم ایک امتحان ایسے تسلیم شدہ تعلیمی ادارے سے پاس کیا ہو جو صوبہ سندھ سے باہر واقع ہے لیکن پاکستان میں ہے۔

داخلے ترجیحی بنیادوں پر پہلے کے (K) کیٹگری کے امیدواروں کو دیے جاتے ہیں اور اگر کچھ نشستیں پُر ہونے سے رہ جائیں یا امیدوار اہلیت پر پورے نہ اترتے ہوں تو ایس (S) کیٹگری کے امیدواروں کی درخواستوں پر غور کیا جاتا ہے۔ اگر کچھ نشستیں پھر بھی بچ جائیں تو پی (P) کیٹگری کے امیدواروں کی درخواستیں زیر غور لائی جاتی ہیں۔

ایڈمک کونسل کی ہدایات کے مطابق نوے (۹۰) نشستیں سندھ (سوائے کراچی) سے تعلق رکھنے والے درخواست گزاروں کے لیے مخصوص گئی ہیں (تفصیلات کے لیے ملاحظہ کیجیے: ضمیمہ 'ایل'، صفحہ نمبر ۱۲۵) 'ایس' کیٹگری کے علاوہ تاہم ایسے امیدواروں کے لیے لازم ہے کہ وہ سندھ کا ڈومیسائل (سوائے کراچی کے) رکھتے ہوں اور انہوں نے اپنی تمام تر تعلیم اسی علاقے میں حاصل کی ہو۔

ساٹھ (۶۰) نشستیں بلوچستان کے اہل طلبہ کے لیے مخصوص کی گئی ہیں (تفصیلات کے لیے ملاحظہ کیجیے: ضمیمہ 'ایل'، صفحہ نمبر ۱۲۵) تاہم جن شرائط کا اطلاق سندھ (سوائے کراچی) کے امیدواروں پر ہوگا ان شرائط کا اطلاق یہاں بھی ہوگا۔

ہر شعبے کی مختص نشستوں میں سے اضافی دو (۲) فی صد نشستیں کراچی یونیورسٹی کے ملازمین کے متعلقین (بیٹا، بیٹی، زوج، خصوصی افراد) اسپیشل پرنسز اور کھلاڑیوں (اسپورٹس پرنسز) کے لیے مخصوص ہیں۔ اسی طرح سیلف فنانس کے تحت داخلے کے خواہش مندوں کے لیے بھی نشستیں مخصوص ہیں (تفصیلات کے لیے ملاحظہ کیجیے: ضمیمہ 'ایل'، صفحہ نمبر ۱۲۵)۔ 'اوپن میرٹ' کی تین (۳) فی صد نشستیں ان درخواست گزاروں کے لیے مخصوص ہیں جنہوں نے اپنے مطلوبہ معیار کے گزشتہ امتحانات (انٹری ایے وغیرہ) پانچ سال پہلے پاس کیے تھے۔

جامعہ کے کسی شعبے میں ماسٹرز پروگرام میں داخلے کے ان امیدواروں کے لیے جنہوں نے بی ایس سی (آنرز) یا بی ایس میں دو سالہ (ڈگری کنورژن کے بعد جامعہ کراچی کی جاری کردہ مکمل مارک شیٹ) حاصل کر لی ہو پانچ (۵) فی صد اضافی نشستیں مخصوص کی گئی ہیں۔

وضاحت:

جن شعبوں میں داخلے کے لیے داخلہ ٹیسٹ (entry test) ہوگا ان شعبوں میں داخلہ ٹیسٹ پاس کرنے کے بعد (جس میں کم از کم پچاس (۵۰) فی صد نمبر لینا ضروری ہے) ہی ملے گا اور اس ضمن میں مخصوص نشستیں یا زمرے (کیٹگری) کو اسی وقت زیر غور لایا جائے گا جب امیدوار داخلہ ٹیسٹ مطلوبہ معیار کے مطابق پاس کر لے گا۔

جامعہ میں داخلے کے لیے مذکورہ بالا شرائط / معیارات رزمروں کی سختی سے پابندی کی جاتی ہے۔

## زمرے (کیٹیگری) میں تبدیلی (اوپن میرٹ کی بنیاد پر شعبے میں داخلے کے لیے)

جو امیدوار حسب ذیل شرائط پوری کرتے ہوں وہ ایس (S) اور پی (P) زمروں سے کے (K) زمرے میں تبدیلی کی درخواست دے سکتے ہیں:

۱۔ ایسے امیدوار جن کے والد یا والدہ یا سرپرست کراچی کا ڈومیسائل رکھتے ہیں مگر ان امیدواروں نے اپنا مطلوبہ امتحان (انٹریابی اے وغیرہ) بیرون ملک سے کسی ایسے ادارے کے تحت پاس کیا ہے جو بین الاقوامی طور پر تسلیم شدہ ہے یا وہ ادارہ تسلیم شدہ پاکستانی بورڈ یا یونیورسٹی ہے ان کو اپنے والد یا والدہ یا سرپرست کے ڈومیسائل سرٹیفکیٹ اور قومی شناختی کارڈ کی نقل پیش کرنا ہوگی جس سے یہ ثابت ہو کہ ان کا مستقل قیام کراچی میں ہے۔

۲۔ جن امیدواروں کے والد یا والدہ یا سرپرست وفاقی حکومت، حکومت سندھ، خود مختار یا نیم خود مختار سرکاری اداروں، مسلح افواج میں ملازم ہیں اور ان کی تعیناتی رتبہ بدلہ پچھلے تین برسوں میں (پچھلے پروگرام کے لیے) یا پانچ برسوں (ماسٹرز پروگرام کے لیے) کراچی میں ہو گیا ہو انھیں اپنے والد یا والدہ یا سرپرست کا تقرر نامہ، تبادلے/تعیناتی کا حکم نامہ اور رجوع بہ کار (جوئننگ) ہونے کے خط کی نقل داخلے کی درخواست کے ساتھ جمع کرانا ہوگی۔ ان امیدواروں کے لیے یہ بھی ضروری ہے کہ انھوں نے والدین یا سرپرست کی کراچی میں تقرری یا تبادلے کے بعد بقیہ تعلیم کراچی ہی میں مکمل کی ہو۔

۳۔ ہر شعبے میں تین (۳) فی صد نشستیں ایسے امیدواروں کے لیے مخصوص ہوں گی جنھوں نے داخلے سے پہلے اپنی مطلوبہ تعلیمی قابلیت کا امتحان کراچی سے باہر واقع کسی تعلیمی ادارے سے پاس کیا ہو مگر ان کی ابتدائی تعلیم بشمول میٹرک انٹر کراچی کے کسی تعلیمی ادارے کی ہو۔ ایسے امیدواروں کے لیے ضروری ہے کہ ان کے ڈومیسائل سرٹیفکیٹ اور قومی شناختی کارڈ پر مستقل پتہ کراچی ہی کا درج ہو۔ اٹھارہ سال سے کم عمر کے امیدواروں کو اپنا 'ب' فارم پیش کرنا ہوگا۔

۴۔ اگر کوئی امیدوار ایس یا پی زمرے میں آتا ہو لیکن اس کی شادی کسی ایسے فرد سے ہوئی ہو جو کراچی کا مستقل رہائشی ہے تو اسے اپنے نکاح نامے کی نقل کے ساتھ اپنے شوہر یا بیوی کے قومی شناختی کارڈ، جس پر شوہر یا بیوی کا کراچی کا مستقل پتہ درج ہو، کی نقل جمع کرانا ہوگی۔

## زمرے (کیٹیگری) میں تبدیلی کی درخواست (اوپن میرٹ کی بنیاد پر شعبے داخلے کے لیے)

ایسے تمام امیدوار جو 'زمرے' میں شامل ہونے کے مذکورہ بالا معیارات میں سے کسی پر پورا اترتے ہوں اپنے داخلہ فارم کے ساتھ سادہ کاغذ پر ایک درخواست زمرے کی تبدیلی کے لیے جمع کرائیں گے جس کے ساتھ متعلقہ کاغذات دستاویزات جو اوپر مذکور ہیں بھی منسلک ہوں گی۔ داخلے کے وقت امیدوار تمام متعلقہ کاغذ کی اصل لازماً پیش کریں گے اور ان کی نقول جمع کرائیں گے۔

وضاحت:

جو امیدوار انٹری ٹیسٹ کی بنیاد پر کسی شعبے میں داخلہ لینا چاہتے ہیں انھیں زمرے کی تبدیلی کی درخواست دینے کی ضرورت نہیں ہے۔

## سیلف فائننس کی نشستوں پر داخلہ

سیلف فائننس کی بنیاد پر جامعہ پچھلے زمرے اور ماسٹرز دونوں پروگراموں میں داخلے کی پیشکش کرتی ہے۔ ایسی نشستوں کی تعداد، پچھلے زمرے، ماسٹرز کی

نشستوں اور رقم کی ادائیگی کی تفصیلات کے لیے ملاحظہ کیجیے: ضمیمہ ایم، صفحہ نمبر ۱۲۶ تا ۱۲۷۔

## مخصوص نشستوں پر داخلہ

مخصوص نشستوں پر داخلے کے امیدواروں کو چاہیے کہ وہ پہلے اس امر کو یقینی بنائیں کہ وہ ان شرائطِ اہلیت و قابلیت پر پورا اترتے ہیں جو ایسی نشستوں پر داخلے کے لیے جامعہ اور متعلقہ شعبے نے طے کی ہیں۔ مخصوص نشستوں پر داخلوں کی میرٹ لسٹ ان سفارشات کی بنیاد پر تیار کی جاتی ہے جو یونیورسٹی کے متعلقہ شعبے کی داخلہ کمیٹی نے تیار کی ہوتی ہیں۔ یہاں یہ وضاحت ضروری ہے کہ کئی شعبوں میں امیدواروں کی کثیر تعداد کے پیش نظر شعبہ جاتی کمیٹیوں نے مخصوص نشستوں پر داخلوں کی تعداد محدود کر دی ہے۔

جو امیدوار حافظِ قرآن ہیں ان کو داخلے کی اہلیت طے کرتے وقت بیس (۲۰) اضافی نمبر دیے جائیں گے (صرف بچلرز پروگرام کیلئے) لیکن ان کو کسی تسلیم شدہ ادارے کی جاری کردہ حفظِ قرآن کی سند پیش کرنی ہوگی نیز ان کے لیے ضروری ہوگا کہ گزشتہ امتحانِ رسد میں ان کی تھرڈ ڈویژن (پینتالیس فی صد سے کم نمبر) نہ ہو۔ جو امیدوار مخصوص نشست پر داخلے کی درخواست دینا چاہیں ان کو چاہیے کہ کراچی یونیورسٹی کی مخصوص نشستوں کے فارم پر درخواست دیں۔

جو امیدوار انٹری ٹیسٹ کی بنیاد پر داخلہ دینے والے شعبوں میں داخلہ چاہتے ہیں ان کو داخلہ فارم کے علاوہ انٹری ٹیسٹ کا فارم بھی الگ سے جمع کرانا ہوگا اور ان کا ٹیسٹ میں حاضر ہونا بھی لازم ہوگا۔

## اہلیت کی شرائط

داخلے کے لیے اہلیت کی شرائط، خواہ داخلے کی درخواست میرٹ پر ہو یا مخصوص نشست پر، حسب ذیل ہیں:

کلیہ علوم، کلیہ فنون و سماجی علوم، کلیہ تعلیم، کلیہ علوم معارف اسلامیہ، کلیہ امور نظم و انتظامی، کلیہ ادویہ و ادویاتی علوم، کلیہ انجینئرنگ اور کلیہ قانون میں داخلے متعلقہ شعبوں کی مطلوبہ اہلیت کی بنیاد پر دیے جائیں گے (گریس نمبر (Grace Marks/Condoned Marks) شمار نہیں کیے جائیں گے)۔

۱۔ جس طالب علم نے مطلوبہ معیارِ اہلیت کے امتحان میں تھرڈ ڈویژن یعنی پینتالیس (۲۵) فی صد سے کم نمبر حاصل کیے ہوں گے وہ داخلے کے لیے نااہل ہوگا۔

۲۔ بچلرز پروگرام میں داخلے کے متمنی حافظِ قرآن کسی مستند ادارے کی حفظِ قرآن کی سند پیش کریں گے تو انھیں بیس اضافی نمبر اہلیت طے کرتے وقت دیے جائیں گے بشرطیکہ ان کی پچھلے امتحان میں تھرڈ ڈویژن (یعنی ۲۵ فی صد سے کم نمبر) نہ ہو۔

۳۔ پہلے سے ماسٹرز کی سند رکھنے والوں کو دوبارہ از سر نو ماسٹرز میں داخلہ نہیں دیا جائے گا، اسی طرح پہلے سے بچلرز کی سند رکھنے والوں کو دوبارہ از سر نو بچلرز میں داخلہ نہیں دیا جائے گا۔ اگر جامعہ کے علم میں اس اصول کی کسی خلاف ورزی کی اطلاع آئی تو متعلقہ طالب علم کا داخلہ منسوخ کر دیا جائے گا خواہ وہ کسی بھی مرحلے پر ہو اور اس کے خلاف قانونی کارروائی کا آغاز بھی کیا جائے گا۔

۴۔ داخلے کے لیے صرف ایسے طالب علم اہل ہوں گے جنہوں نے مطلوبہ قابلیت کا امتحان پچھلے پانچ برسوں کے اندر اندر پاس کیا ہو۔

۵۔ داخلے کے خواہش مند جو امیدوار پاکستان کے پبلک سیکٹر کے اداروں کی جاری کردہ ڈگری / سرٹیفکیٹ کی بنیاد پر داخلہ لینا چاہتے ہیں انھیں چاہیے کہ وہ پہلے اپنے سرٹیفکیٹ / ڈگری کی تعدیل (equivalence) جامعہ کی تعدیلی کمیٹی یا آئی بی سی سے داخلے کی مقررہ تاریخ سے پہلے پہلے کرائیں۔

۶۔ تمام داخلے عارضی بنیادوں پر دیے جائیں گے اور ان کا دار و مدار جمع کرائے گئے کاغذات و دستاویزات کی تصدیق پر ہوگا۔ جعلی کاغذات یا غیر تسلیم شدہ اداروں کی اسناد کی بنیاد پر یا غلطی سے دیے گئے داخلے کسی بھی وقت منسوخ کیے جاسکتے ہیں۔

## داخلے کا طریقہ کار

۱۔ داخلوں کے آغاز کی تاریخ، فارم کی دستیابی، آن لائن فارم جمع کرانے کے عمل اور دیگر تفصیلات کا اعلان کراچی یونیورسٹی کی ویب گاہ [www.uok.edu.pk](http://www.uok.edu.pk) پر اور اخبارات میں اشتہارات کے ذریعے ہوگا۔

۲۔ درخواست فارم مع تمام ہدایات و عملی رہنمائی جامعہ کراچی کی داخلوں کی ویب گاہ [www.uokadmission.edu.pk](http://www.uokadmission.edu.pk) پر دستیاب ہوں گے۔ امیدواروں کو چاہیے کہ ہدایات کا غور سے مطالعہ کریں۔ امیدوار کی جانب سے کسی غلطی کے ارتکاب کی صورت میں یونیورسٹی کو کسی طور ذمے دار نہیں ٹھہرایا جاسکے گا۔

۳۔ امیدواروں کو ہدایت کی جاتی ہے کہ وہ صرف اور صرف ان شعبوں کا انتخاب کریں جن کے مطلوبہ معیار قابلیت راہلیت پر وہ پورا اترتے ہیں اور جن کی تفصیلات ضمیمہ اے اور بی (برائے بیچلرز پروگرام) اور ضمیمہ ای اور ایف (برائے ماسٹرز پروگرام) میں درج ہیں۔ داخلہ فارم میں زیادہ سے زیادہ پانچ شعبوں کے نام جہاں داخلہ مقصود ہے ترجیحی ترتیب کے ساتھ لکھے جاسکتے ہیں۔ شعبوں کے نام بہت احتیاط سے لکھے جانے چاہئیں کیونکہ ایک بار جب فارم جمع ہو جائے تو شعبوں کے ناموں میں تبدیلی ممکن نہیں ہوتی۔

۴۔ بیچلرز اور ماسٹرز پروگرام میں جن فی صد نمبروں پر داخلہ بند ہوتا ہے وہ ضمیمہ ایچ اور آئی میں (برائے اوپن میرٹ) اور ضمیمہ جے (برائے انٹری ٹیسٹ کی بنیاد پر داخلہ) میں درج ہیں۔ یہ فی صد نمبر محض رہنمائی کی غرض سے دیے گئے ہیں۔

۵۔ ایک امیدوار اوپن میرٹ اور انٹری ٹیسٹ کی بنیاد پر الگ الگ داخلہ فارم پر درخواست دے سکتا ہے لیکن کسی امیدوار کو ایک کیٹیگری میں ایک سے زیادہ فارم جمع کرانے کی اجازت نہیں ہے۔ اگر کوئی امیدوار اس کی خلاف ورزی کا مرتکب پایا گیا تو اس کے تمام فارم مسترد کر دیے جائیں گے۔

۶۔ کامیاب امیدواروں کے داخلوں کی عارضی میرٹ فہرست جامعہ کراچی کی ویب گاہ پر ان تاریخوں میں آویزاں کی جائے گی جن کی اطلاع دی جا چکی ہے۔

۷۔ جامعہ کے ملازمین جو اپنی مخصوص نشستوں پر داخلے کے خواہاں ہیں انھیں چاہیے کہ اپنی ملازمت سے متعلق تفصیلات اپنے متعلقہ شعبے کے سربراہ سے تصدیق کے بعد جمع کرائیں۔

۸۔ خصوصی افراد جو اپنی مخصوص نشستوں پر داخلے کے خواہاں ہیں انھیں چاہیے کہ وہ سوشل ویلفیئر ڈپارٹمنٹ حکومت سندھ/رسول سرجن کا تصدیق نامہ جمع کرائیں۔

۹۔ اسپورٹس کی نشستوں پر داخلے کے خواہش مند اپنے تصدیق نامے اور دیگر سرٹیفیکیٹ جمع کرائیں۔ ہر شعبے میں دو (۲) فی صد نشستیں اسپورٹس کی بنیاد پر مختص ہیں۔ ان نشستوں پر وہی افراد درخواست دینے کے اہل ہیں جو حسب ذیل اداروں کے رکن ہیں یا حسب ذیل مقابلوں میں حصہ لے چکے ہیں:

۔ پاکستان جو نیورسین ٹیم

۔ نیشنل چیمپین شپ کے فاتح اور دوم آنے والے

۔ پاکستان یونیورسٹی ر بورڈ ٹیم

۔ بین الصوبائی چیمپین شپ کے فاتح اور دوم آنے والے

۔ بین الجامعاتی یا بورڈوں کے مقابلوں کے فاتح اور دوم آنے والے

۱۰۔ داخلہ کمیٹی مخصوص نشستوں پر ہونے والے داخلوں کی الگ فہرست مرتب کرے گی۔

## - داخلے کی فہرست میں شامل امیدواروں کے لیے ہدایات

جن امیدواروں کے نام کامیاب امیدواروں کی فہرست میں شامل ہوں انھیں چاہیے کہ داخلے سے متعلق تمام کارروائی مقررہ وقت کے اندر مکمل کر لیں۔ بصورت دیگر ان کا داخلے کا استحقاق ختم ہو جائے گا اور اس ضمن میں کوئی دعویٰ یا عذر مسموع نہ ہوگا۔

داخلے کی کارروائی کی تکمیل کے لیے مندرجہ ذیل کاغذات دستاویزات جمع کرانا لازمی ہے:

- ۱۔ آن لائن جمع کرائے گئے انرولمنٹ فارم کا کلر پرنٹ آؤٹ جو مکمل طور پر پُر کیا ہوا ہو۔
- ۲۔ آخری امتحان کی اصل (اور بجٹل) مارکس شیٹ (بچلرز میں داخلے کے لیے انٹرا اور ماسٹرز میں داخلے کے لیے بچلرز یا اس کے مساوی) (ناقابل واپسی)
- ۳۔ آخری تعلیمی ادارے کے سربراہ کا اصل (اور بجٹل) صداقت نامہ کردار، بیرونی امیدوار کسی فرسٹ کلاس گزیٹڈ افسر کا صداقت نامہ کردار جمع کرائیں گے (ناقابل واپسی)
- ۴۔ قومی شناختی کارڈ کی ایک عدد فوٹو کاپی۔ اٹھارہ سال سے کم عمر کے امیدوار اپنے والد یا والدہ یا سرپرست کے شناختی کارڈ کی فوٹو کاپی جمع کرائیں
- ۵۔ میٹرک، انٹر، اے/او ایول کے سرٹیفکیٹ کی ایک عدد فوٹو کاپی۔
- ۶۔ شعبہ کی مقررہ فیس (صفحہ نمبر 120 کے مطابق) کی ادائیگی کی اصل رسید (Copy For Enrolment)۔

## - انرولمنٹ

مذکورہ بالا ہدایات پر عمل کے بعد امیدواروں کو چاہیے کہ انرولمنٹ فارم ضرور پُر کریں کیونکہ جامعہ کے قوانین کے مطابق جب تک طالب علم انرولمنٹ فارم پُر کر کے انرولمنٹ کارڈ نہ حاصل کر لے تب تک اس کا داخلہ نامکمل رہتا ہے۔ داخلہ فارم جمع کرانے کی رسید دکھا کر انرولمنٹ فارم حاصل کیا جاسکتا ہے۔

جو امیدوار اپنا گزشتہ امتحان بیرون کراچی کے کسی بورڈ، کالج یا یونیورسٹی سے پاس کر کے آئے ہیں ان کے لیے وہاں سے مائیکریشن سرٹیفکیٹ حاصل کر کے جمع کرانا ضروری ہے، اس کے بغیر انرولمنٹ کی کارروائی مکمل نہیں ہوتی۔

یہاں یہ وضاحت کر دی جائے کہ تمام داخلے عارضی ہوتے ہیں اور ان کی تکمیل کا دار و مدار جمع کرائی گئی دستاویزات کی تصدیق پر ہوتا ہے۔ اگر کوئی طالب علم جعلی دستاویزات یا غلط معلومات کی بنیاد پر داخلہ حاصل کرتا ہے تو اس کا داخلہ کسی بھی وقت منسوخ ہو جائے گا اور جمع کرائی گئی فیس کی رقم بھی واپس نہیں کی جائے گی۔ نیز ایسے طالب علم کے خلاف تعزیری اقدامات بھی کیے جاسکتے ہیں جن میں ملک کے کسی بھی تعلیمی ادارے میں تین سال تک ان کے داخلے پر پابندی بھی شامل ہے۔ طالب علموں کو چاہیے کہ وہ جامعہ کے متعلقہ شعبوں کے مطلوبہ معیار اور شرائط اہلیت کی پابندی کریں جو یونیورسٹی کی داخلہ پالیسی کے بھی مطابق ہیں اور جن کا ذکر اس کتابچے کے ضمیمہ 'اے'۔ ایف' میں کیا گیا ہے۔

شام کے پروگرام کی داخلہ پالیسی کا الگ سے اعلان کیا جائے گا۔ اس ضمن میں اطلاعات ضمیمہ 'جی' میں، ویب گاہ پر اور علیحدہ کتابچے میں موجود

ہیں۔

اس کتابچے میں بیان کی گئی ہدایات کے علاوہ تمام امیدواروں رطالاب علموں کو ان تمام قواعد و ضوابط کی بھی پابندی کرنی ہوتی ہے جو یونیورسٹی کے قواعد و قوانین کے کتابچے یعنی کوڈ (code) میں درج ہیں۔ اسی طرح سمسٹر کے قواعد و ضوابط کا اطلاق بھی تمام طالب علموں پر ہوتا ہے۔ سمسٹر کے اہم قواعد و ضوابط ضماّم سی اور ڈی میں دیے گئے ہیں۔

## - جامعہ کے ڈگری پروگرام اور کورسز

جامعہ میں مختلف ڈگری پروگراموں (مثلاً بی اے (آنرز)، بی بی اے، بی بی اے، بی ای، بی ایڈ (آنرز)، بی اے ایل ایل بی، بی ایل آئی ایس، بی ایس سی (آنرز)، بی ایس، ایم اے، ایم بی اے، ایم کام، ایل ایل ایم، ایم ایل آئی ایس، ایم پی اے، ایم ایس سی، فارم ڈی، ایم فل، پی ایچ ڈی) کے علاوہ سرٹیفکیٹ اور ڈپلوما کورسز بھی پڑھائے جاتے ہیں۔

## - ڈگری پروگراموں کا دورانیہ

مختلف ڈگری پروگراموں کا دورانیہ حسب ذیل ہے:

- ایم اے، ایم ایس سی اور ایم پی اے کے لیے ایک سال (آنرز مکمل کرنے کے بعد)

- بی ایل آئی ایس کے لیے ایک سال (گریجویٹیشن مکمل کرنے کے بعد)

- ایم ایل آئی ایس کے لیے ایک سال (بی ایل آئی ایس مکمل کرنے کے بعد)

- ایم اے، ایم ایس سی، ایم سی ایس، ایم پی اے، ایل ایل ایم کے لیے دو سال

- بی اے بی ایس سی (آنرز)

- بی ایس (بی بی اے) کے لیے دو سال

- بی ایس، بی بی اے، بی ای، ویٹول اسٹڈیز (انڈسٹریل ڈیزائن/ٹیکسٹائل ڈیزائن اینڈ میڈیا آرٹس (میڈیا)

ڈیزائن اینڈ میڈیا آرٹس (گرافکس) / سرکلس اینڈ گلاس رفائن آرٹس / اسلامک آرٹس / آرٹس ہسٹری) کے لیے چار سال

- ڈاکٹر آف فارمیسی، بی اے ایل ایل بی، ویٹول اسٹڈیز (آرکیٹیکچر) اور ڈاکٹر آف فزیکل تھراپی کے لیے پانچ سال

## - تدریس کا جدول

جامعہ میں ہر تعلیمی سال میں دو میقات (سمسٹر) ہوتے ہیں (تفصیلات کے لیے تدریسی کیلینڈر دیکھیے)۔

- جو طالب علم فنون و سماجی علوم، ایجوکیشن، اسلامک اسٹڈیز یا سائنس کے کلیات میں تین سالہ ڈگری پروگرام میں داخلہ لیتا ہے اسے تین سال یعنی پچھ

سمسٹر میں مجموعی طور پر (۸۴) کریڈٹ آور کے کورس پڑھنے ہوتے ہیں۔ ان میں سے چوبیس (۲۴) کریڈٹ آور کے کورس پہلے سال میں، تیس (۳۰)

کریڈٹ آور کے کورس دوسرے سال میں اور تیس کریڈٹ آور کے کورس تیسرے سال میں پڑھنے ہوتے ہیں۔

- جو طالب علم آنرز کا تین سالہ ڈگری کورس کامیابی سے مکمل کر لے اسے ماسٹرز کی ڈگری مزید تیس (۳۰) کریڈٹ آور کی تعلیم کامیابی سے مکمل کرنے پر دی

جاتی ہے (یعنی ایک سال کے دو سمسٹرز میں پندرہ پندرہ کریڈٹ آور پر مشتمل مزید کورس پڑھنے کے بعد)۔

- جو طالب علم ماسٹرز کے سال اول (پریولیس) میں داخلہ لیتا ہے اسے دو تعلیمی سالوں میں ساٹھ (۶۰) کریڈٹ آور کے کورس پڑھنے ہوتے ہیں (یعنی

دو سال کے چار سمسٹرز میں سے ہر سمسٹر میں پندرہ پندرہ گھنٹوں کے کورس)

- کلیہ فارمیسی اور فارماسیوٹیکل سائنسز میں داخلہ لینے والے طالب علم پانچ برسوں میں دو سو (۲۰۰) کریڈٹ آور کے کورس پڑھیں گے۔

## - حاضری کے قانونی تقاضے

اگر کسی طالب علم کی حاضری کسی بھی کورس میں پچھتر (۷۵) فی صد سے کم ہو تو اسے اس کورس کے امتحان میں بیٹھنے کی اجازت نہیں دی جاتی (مزید تفصیلات کے لیے سمسٹر امتحانی قواعد کا کتابچہ ملاحظہ فرمائیے جو یونیورسٹی بک شاپ پر دستیاب ہے)۔

## - اگلے درجوں میں ترقی / داخلے کی مطلوبہ اہلیت

ترقی پا کر اگلے درجوں میں داخلے کے لیے ضروری ہے کہ طالب علم ہر تعلیمی سال کے اسی (۸۰) فی صد پرچوں میں کامیاب ہو۔ لیکن آنرز میں زیر تعلیم طالب علم اس وقت تک ماسٹرز میں داخلے کا اہل نہیں ہوتا جب تک وہ آنرز کی ڈگری کے حصول کے تمام تقاضے پورے نہیں کر لیتا۔

## - تعلیمی سہولیات

جامعہ اپنی تحقیقی و تدریسی سہولیات، کتب خانوں، تجربہ گاہوں، تحقیقی مراکز اور متنوع سرگرمیوں کی وجہ سے دنیا بھر میں معروف ہے۔ جامعہ کا بنیادی مقصد طلبہ و طالبات کو ایسی عمدہ سہولیات مہیا کرنا ہے جو عالمی تعلیمی معیار کے مطابق ہوں۔

## - دفتر مشیر امور طلبہ

مشیر امور طلبہ کے فرائض میں نظم و ضبط قائم رکھنا بھی شامل ہے۔ اس کے علاوہ یہ دفتر طلبہ کو تعلیمی و درسی امور میں معانت فراہم کرتا ہے نیز ان کے مستقبل کی پیشہ ورانہ زندگی کے لیے رہنمائی میں مدد دیتا ہے تاکہ مستقبل میں روزگار کے جو امکانات طلبہ کے لیے پیدا ہوتے ہیں ان کا بغور جائزہ لے کر انھیں مناسب پیشوں اور میدانوں میں بھیجا جاسکے۔ اس کے علاوہ ہر شعبے میں ایک مشیر امور طلبہ ہوتا ہے جو نصابی اور غیر نصابی سرگرمیوں میں رابطہ کار کا کام انجام دیتا ہے، بالخصوص ہفتہ طلبہ منانا جو ہر سال منایا جاتا ہے۔

## - مشیر برائے غیر ملکی طلبہ

جامعہ کراچی ان غیر ملکی طلبہ و طالبات میں بھی یکساں طور پر مقبول ہے جو مختلف ممالک سے اعلیٰ تعلیم کے حصول کے لیے پاکستان کا رخ کرتے ہیں۔ جامعہ کراچی میں دی جانے والی تعلیم قابل برداشت فیسیں، ترقی پذیر اور ترقی یافتہ ممالک کے طلباء کو ہر سال اپنی جانب راغب کرنے میں مددگار ثابت ہوتی ہیں۔ جامعہ کراچی کو اس بات پر فخر ہے کہ اس نے افریقہ، مشرق وسطیٰ، جنوبی ایشیا اور جنوب مشرقی ایشیا کے ہزاروں غیر ملکی طلباء کو اپنی اسناد سے سرفراز کیا۔ اس وقت یمن، ترکی، شام، سوڈان، صومالیہ، فلسطین، نیپال، کینیا، چین، مارشس، ایران، کموروز اور اریٹریا کے اسی سے زائد طلباء جامعہ کراچی کے مختلف شعبہ جات میں زیر تعلیم ہیں۔ مختلف ثقافتوں اور قومیتوں کا یہ سنگم ناصرف امن و رواداری کا ضامن ہے بلکہ کئی ممالک کی ثقافت کو قریب لانے کا سبب بھی بنتا ہے۔

مشیر برائے غیر ملکی طلباء کے دفتر کے قیام کا مقصد غیر ملکی طلباء کو داخلے سے متعلق ضروری معلومات فراہم کرنا تھا اور اس کے ساتھ ساتھ اس کے مقاصد داخلہ ہو جانے کے بعد بھی طلباء کی رہنمائی کا خاص خیال رکھنا شامل ہے۔ غیر ملکی طلباء کو داخلے سے متعلق لازمی و ضروری معلومات فراہم کرنے کے علاوہ یہ دفتر غیر ملکی طلباء کی ہم نصابی سرگرمیوں پر بھی خصوصی توجہ دیتا ہے اور انھیں ان سرگرمیوں میں حصہ لینے کے مواقع فراہم کرتا ہے۔ جشن آزادی ۲۰۱۹ء کے سلسلے میں بھی غیر ملکی طلباء کے لیے ایک خصوصی تقریب منعقد کی گئی۔ ان تمام سرگرمیوں کے ساتھ یہ دفتر غیر ملکی طلباء کو درپیش زبان کی مشکلات کے حوالے سے بھی اپنا کردار ادا کرتا ہے۔

## غیر ملکی طلباء کے لیے زبانیں سیکھنے کی سہولیات

شعبہ اردو کے تعاون سے جامعہ کراچی میں داخلہ لینے والے تمام غیر ملکی طلباء کے لیے ایک لازمی اردو نصاب کی تدریس کا اہتمام کیا گیا ہے تاکہ انھیں جامعہ کے حدود یا جامعہ سے باہر مقامی لوگوں سے گفتگو میں کوئی دشواری پیش نہ آئے۔ اس کے ساتھ ساتھ انگریزی زبان کا ایک نصاب بھی ان غیر ملکی طلباء کے لیے تشکیل دیا گیا ہے جن کا تعلق انگریزی بولنے والے ممالک سے نہیں ہے۔ واضح رہے کہ انگریزی کے اس کورس کا اطلاق صرف ان ہی طلباء پر ہوگا جو دو ہزار بیس سے جامعہ کراچی میں داخلہ لیں گے اور جن کا انگریزی مہارت کا کورس (IELTS) پانچ درجات (Bands) سے کم ہوگا۔

## داخلہ پالیسی برائے غیر ملکی طلباء:

غیر ملکی طلباء کے لیے مکمل داخلہ پالیسی مع فیسوں کی معلومات جامعہ کراچی کی ویب گاہ [www.uok.edu.pk](http://www.uok.edu.pk) پر موجود ہے جس کا رابطہ درج ذیل ہے۔

## دفتر رہنمائی و مشاورت و تقرری طلبہ

اس دفتر کی ذمہ داریاں یہ ہیں:

رہنمائی و مشاورت:

پیشہ و راند زندگی میں مہارت کے لیے طلبہ کو تیار کرنا اس دفتر کا مقصد اویں ہے۔ طلبہ جس شعبے میں تعلیم حاصل کرتے ہیں اس شعبے میں عملی زندگی میں ملازمت اور روزگار کے مواقع کے ضمن میں معلومات فراہم کرنا بھی اس کا کام ہے تاکہ فارغ التحصیل ہونے کے بعد طلبہ عملی زندگی میں قدم رکھیں تو سماجی، اخلاقی، نفسیاتی مسائل کا سامنا کرنے کے لیے تیار ہوں۔ اس ضمن میں مختلف کورسز بھی کرائے جاتے ہیں۔

تقرری:

حصول علم کے بعد طلبہ کی مختلف صنعتوں اور تجارتی اداروں یا دفاتر میں تعیناتی و تقرر کے سلسلے میں بھی یہ دفتر سرگرم عمل رہتا ہے۔ فارغ التحصیل طلبہ کے کوائف تیار کر کے مختلف اداروں سے رابطہ کرنا بھی اس کا کام ہے اور اس ضمن میں ملازمت میلے بھی منعقد کرائے جاتے ہیں۔

## انضباطی کمیٹی

انضباطی کمیٹی یونیورسٹی کے ضوابط و قوانین (کوڈ) کے مطابق تشکیل دی گئی ہے۔ طلبہ میں نظم و ضبط (ڈسپلن) کو یقینی بنانے کے لیے اس کمیٹی کو اختیار ہے کہ اگر وہ کسی طالب علم کو سیاسی سرگرمیوں میں حصہ لینا دیکھے یا اسے غیر اخلاقی یا غیر قانونی سرگرمیوں میں ملوث پائے یا یونیورسٹی کے کوڈ کی خلاف ورزی میں ملوث پائے تو اس کے خلاف حسب ذیل انضباطی کارروائی کر سکتی ہے:

۔ داخلے کی منسوخی

۔ جرمانے کی سزا

۔ سزا کی تجویز

۔ متعلقہ سرکاری حکام براداروں تک اطلاع پہنچانا

## - دفتر برائے مالی معاونت طلبہ

جامعہ کے اپنے مالی مسائل کے باوجود جامعہ کی یہ کوشش ہوتی ہے کہ طلبہ کو فیس میں رعایت دی جائے یا انھیں وظائف دیے جائیں۔ اس سلسلے میں یہ دفتر انتظامی عمارات کے گراؤنڈ فلور پر کمرہ نمبر ۲ میں قائم ہے۔ یہ دفتر صبح کے پروگرام میں باقاعدہ (ریگولر) زیر تعلیم طلبہ کی حسب ذیل طریقوں پر مالی معاونت کرتا ہے:

- جامعہ کے اپنے وسائل سے اہل طالب علموں کی مالی مدد، جس کی ایک صورت فیس میں رعایت ہے۔
- ہائر ایجوکیشن کمیشن (اسلام آباد) کے توسط سے اہل طالب علموں کے لیے ماہانہ مالی وظائف کی تقسیم۔
- یو ایس ایڈ کے تحت آرٹس اینڈ سوشل سائنسز کے انڈرگریجویٹ، گریجویٹ اور پوسٹ گریجویٹ طالب علموں کے لیے فیلوشپ۔
- ذہین طلبہ کے لیے غیر ملکی اداروں، کمپنیوں اور ٹرسٹ کے وظائف، منسوبی کارپوریشن انٹرنیشنل اسکالرشپ، جاپان۔
- POSCOT J Park فاؤنڈیشن کوریا کی فیلوشپ۔
- مختلف اداروں کے میرٹ اور ضرورت پر مبنی امدادی پروگرام، مثلاً المنائی ٹرسٹ، فلائنگ اسٹس، کراچی یونیورسٹی المنائی ٹرسٹ،
- جے اے ٹی کیو فاؤنڈیشن انگلینڈ اسکالرشپ، سیدہ مبارک بیگم اسکالرشپ، بسم اللہ بی بی اسکالرشپ، الرحمن ویلفیئر ٹرسٹ اسکالرشپ۔
- صبح اور شام کے پروگراموں میں زیر تعلیم طلبہ کے لیے احسن ٹرسٹ کی بلا سودی قرض حسن اسکیم۔

## - کتب خانہ

جامعہ کے مرکزی کتب خانے کی عمارت ۱۹۶۴ء میں تعمیر ہوئی اور انتظامی عمارات کے عقب میں واقع ہے۔ جامعہ کے ایک سابق وائس چانسلر کی خدمات کے اعتراف میں ۱۹۷۶ء میں اس کا نام ڈاکٹر محمود حسین لائبریری رکھا گیا۔ اس چھ منزلہ عمارت میں ایک بہت وسیع و عریض تہہ خانہ بھی ہے اور یہ ملک کی چند بڑی لائبریریوں میں شمار ہوتی ہے۔ اس میں موجود کتب، رسائل، اخبارات، کتابچوں وغیرہ کی مجموعی تعداد چار لاکھ چالیس ہزار ہے اور اس میں بعض ایسے نادر نسخے اور دستاویزات بھی محفوظ ہیں جو سترھویں صدی عیسوی کے ہیں۔ لائبریری کو یہ فخر بھی حاصل ہے کہ بانی پاکستان قائد اعظم محمد علی جناح کا ذاتی ذخیرہ کتب بھی یہیں موجود و محفوظ ہے۔

اس کے علاوہ جامعہ کے ہر شعبے اور ہر انسٹی ٹیوٹ کا اپنا کتب خانہ ہے جس میں بیشتر کتابیں اس مخصوص مضمون اور شعبے سے متعلق ہوتی ہیں۔

## - ایل ای جے ڈیجیٹل لائبریری

جدید ترین ٹیکنالوجی سے آراستہ یہ لائبریری ای بکس اور ای جرنلز تک رسائی دیتی ہے۔

## - بک بینک

مرکزی کتب خانے کا یہ شعبہ طلبہ کو ایک سال کے لیے کتابیں جاری کرتا ہے۔ کتابیں جاری کرانے کے لیے طلبہ کو پہلے جامعہ کا شناختی کارڈ ہونا ہوتا ہے۔ تعلیمی سال کے اختتام پر طلبہ کو کتابیں لوٹانا ہوتی ہیں۔

## - یونیورسٹی بک شاپ

کتابوں کی یہ دکان مرکزی کتب خانے کی پشت پر واقع ہے۔ یہاں سے طلبہ کو کتابیں، نوٹ بکس اور اسٹیشنری کا دیگر سامان باکفایت نرخوں پر خرید سکتے ہیں۔

## -مرکزی سائنسی تجربہ گاہ

یہ جدید ترین آلات اور مشینوں سے آراستہ مرکزی سائنسی تجربہ گاہ ہے۔ اس کا مقصد سائنس کے مختلف شعبوں میں جدید تحقیق کے لیے آسانیاں بہم پہنچانا ہے۔

## -طعام گاہیں

جامعہ میں دو بڑی طعام گاہیں ہیں، ایک لڑکوں کے لیے اور دوسری لڑکیوں کے لیے۔ یہاں مختلف شعبوں کے طلبہ تبادلہ خیال کے لیے بھی جمع ہوتے ہیں۔ اس کے علاوہ جامعہ میں کئی چھوٹی بڑی کینٹینیں اور کھانے پینے کی اشیاء کے اسٹال ہیں جہاں سے کھانا اور مشروبات مناسب قیمتوں پر دستیاب ہیں۔

## -رہائش

لڑکوں کا رہائشی ہاسٹل صرف غیر ملکی طلبہ کے لیے ہے۔ غیر ملکی طالبات کے لیے ایک الگ ہاسٹل ہے۔ پاکستانی طالبات جو ملک کے دوسرے شہروں سے آکر جامعہ میں داخلہ لیتی ہیں ان کے لیے گنجائش محدود ہے اور انھیں رہائش پہلے آئے پہلے پائیے کی بنیاد پر فراہم کی جاتی ہے۔ مزید معلومات ہاسٹل کے پرووسٹ سے حاصل کی جاسکتی ہیں۔ ایم فل اور پی ایچ ڈی کے طلبہ کے لیے ایک الگ قیام گاہ کی منصوبہ بندی کی جا رہی ہے۔

## -ٹرانسپورٹ

شہر کے مختلف علاقوں سے مقررہ مقامات اور مقررہ اوقات میں طلبہ و طالبات کو لانے اور لے جانے کا کام یونیورسٹی بسیں انجام دیتی ہیں لیکن یہ سہولت محدود ہے۔ بسوں کی آمد و رفت کے جدول کا اعلان ہر سمسٹر کے آغاز پر ہوتا ہے اور اس کی تفصیل ویب گاہ پر بھی موجود ہے۔

## -کھیل

جامعہ بین الجامعاتی، بین الصوبائی، قومی اور بین الاقوامی سطح پر کھیلوں کی سرگرمیوں میں حصہ لیتی ہے۔ ہاکی، کرکٹ اور فٹبال کے اپنے میدانوں کے علاوہ ایک وسیع و عریض ورزش گاہ (جمنازیم) میں مختلف اندرون خانہ کھیلوں مثلاً بیڈمنٹن، دو لی بال، ٹیبل ٹینس، باسکٹ بال وغیرہ کی سہولت مہیا کی جاتی ہے۔

## -صحت کی سہولیات

جامعہ کا اپنا ایک کلینک ہے جس میں پانچ میڈیکل افسر اور تربیت یافتہ عملہ موجود رہتا ہے۔ کسی ہنگامی صورت حال میں ابتدائی طبی امداد مہیا کی جاتی ہے۔

# EVENT GALLERY

