

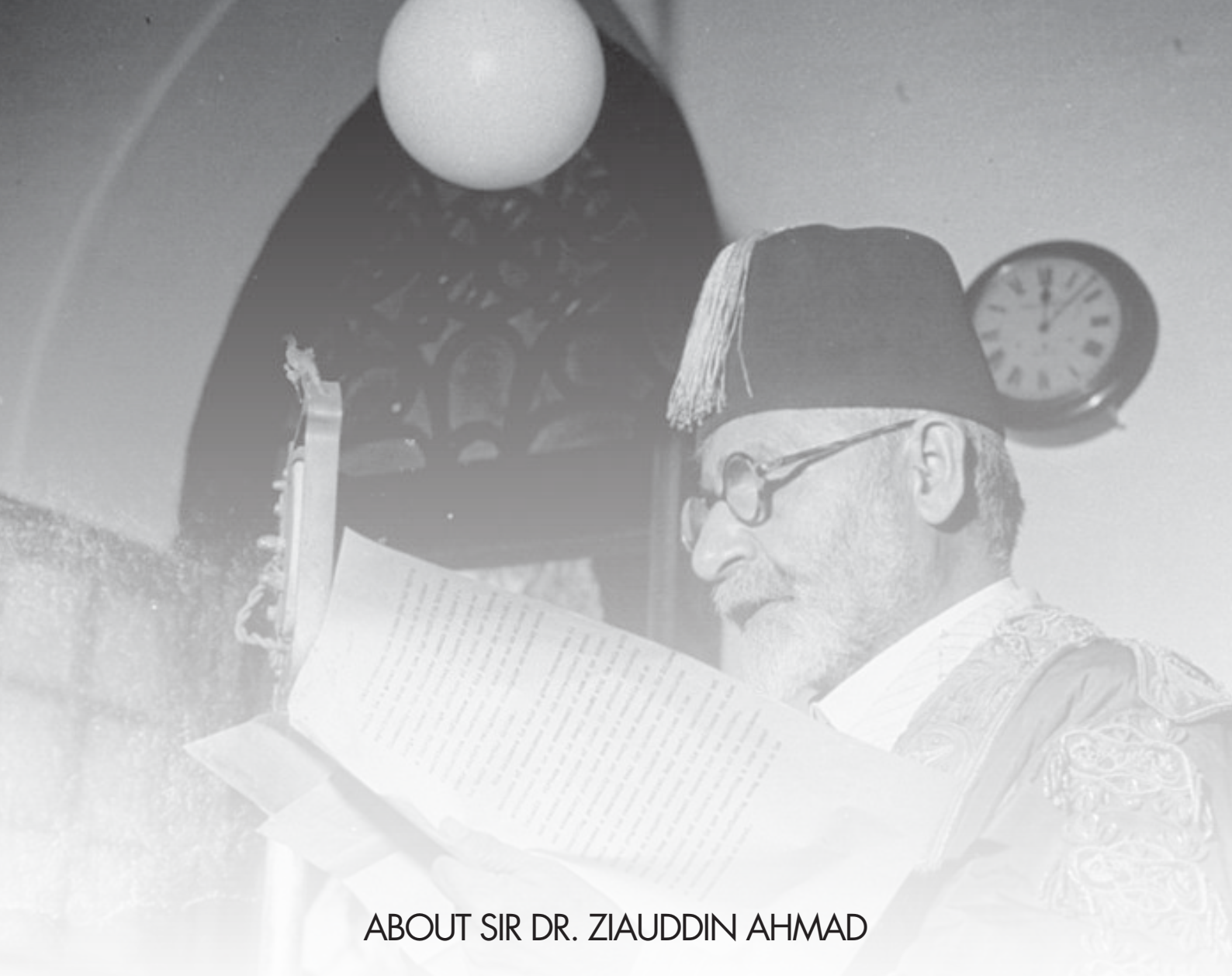


ANNUAL REPORT



ZIAUDDIN UNIVERSITY

ZIAUDDIN UNIVERSITY
ANNUAL
REPORT
2023



ABOUT SIR DR. ZIAUDDIN AHMAD

Sir Dr. Ziauddin Ahmad was an eminent educationist, scholar and visionary of the Sub-continent. He was born in 1873 in Meerut, India. At the age of 12, he passed high school with 1st Division and received the Lang Medal along with a government scholarship at M.A.O. Collegiate Aligarh. In 1895, he secured 1st position in BA and received the coveted Strachey Gold Medal at M.A.O. College Aligarh. After completing his BA in Mathematics, Sir Dr. Ziauddin Ahmad was appointed as an assistant lecturer at M.A.O. College. He attained an MA degree from Calcutta University while securing 1st position and in 1901, he obtained his DSc degree in mathematics from Allahabad University. For further studies, he enrolled himself at Trinity College Cambridge, University of Cambridge. In 1904, he accomplished his goal and achieved the Sir Isaac Newton scholarship. He was the first Indian to receive this honour. Later, in 1906, his thirst for knowledge took him to Gottingen University, Germany, where he completed his PhD in Mathematics.

Sir Dr. Ziauddin Ahmad served the Muslims of the subcontinent by raising the educational standards of the Muslims and by promoting literacy amongst the Muslim community. He also worked as an Assistant Secretary of Sir Syed Memorial Fund, established for the purpose of founding a Muslim University. He was inspired by Sir Syed Ahmad Khan's approach to modern education. After the demise of Sir Syed Ahmad Khan, Sir Dr. Ziauddin played a leading role in the revitalisation of Muslim education in the subcontinent, where he enlightened the Muslims of India with his liberal thoughts on the educational system. No single individual after Sir Syed did more in the cause of Muslim education than Sir Dr. Ziauddin Ahmad. He was appointed as Pro Vice-Chancellor of Aligarh Muslim University, and later as Vice-Chancellor, in 1935.

Sir Dr. Ziauddin Ahmad died in London on December 23, 1947, and he was buried beside Sir Syed Ahmad Khan in the Aligarh Muslim University mosque premise, thus fulfilling the pledge he made to Sir Syed Ahmad Khan to serve Aligarh for his entire life.



VISION

To be a prestigious educational institution recognized for its academic excellence, research, and services, nurturing ethical and intellectual curiosity that contributes towards the development of a knowledge-based society in Pakistan.



MISSION

Ziauddin University is committed to providing sustainable solutions for global challenges through education, research, and practice. Our university inspires leadership for all sectors of society. We carry out this mission through the open exchange of ideas in an ethical, interdependent, and diverse community of faculty, staff, students, alumni, and partners.



EXECUTIVE SUMMARY

Over the years, the Ziauddin Group has built hospitals, a school and college, and several universities all over Sindh. The idea behind launching numerous educational institutes, however, is to create a knowledge-based society by educating the youth of our country. The Annual Report 2023 has been commissioned to examine Ziauddin University's role in providing academic excellence and the efforts made to deliver students with the best education coupled with ethics and moral uprightiness. The report furthermore highlights the various programmes and departments that exist in the university, Like specialisation areas and the facilities available to help students progress in their respective fields. The report also mentions the research publications and journals published by each department. Other educational accomplishments include seminars, workshops, and training sessions to spread knowledge and understanding of several topics. All the above-mentioned activities often featured foreign trainers and speakers. Our aim has always been to provide quality education, groom students, test their limits, and boost their confidence. Therefore, it is also essential to feature events and activities that are not limited to academics. Being a game-changer in providing an experience that is at par with international universities, the institute offers several co-curricular activities that the students can participate in. Therefore, the Annual Report discusses the extracurricular activities that took place under the umbrella of Ziauddin in 2023. This includes events such as a beach trip and farewell, adventurous endeavours arranged by the Travel Society, and charity functions such as bake sales and blood drives. The report also introduces the Debate Society and Sports Society.



CHANCELLOR'S MESSAGE

Ziauddin University was formed to spread knowledge across the world and, most importantly, empower the youth of Pakistan with education equivalent to international standards. The University's primary emphasis is on providing a positive learning environment that drives students to achieve heights of success.

Apart from motivating our apprentices, Ziauddin University offers an array of programmes and state-of-the-art facilities that warranty academic excellence.

Thus, we often see our students conducting researches that can change history as we know it. From practical experiments to journal studies – the students at the university are involved in all aspects of the advancement of the nation.

Our aim now is to uphold a standard of excellence and to keep creating opportunities that break barriers in terms of knowledge, research, and development.

DR. ASIM HUSSAIN

Sitara-i-Imtiaz, Nishan-e-Imtiaz
Chancellor, Ziauddin University



PRO-CHANCELLOR'S MESSAGE

Ziauddin University was founded with the aim to provide quality education, ethics, and the will to make a difference. For me, education has always been the force that leads to collective change within a society. We hope to train young minds to be curious, to enhance their ability to think critically, and to find creative solutions.

It is also imperative to recognise the role mass media plays as an effective tool to impart knowledge. As the Pro-Chancellor, I have aimed to support the professional development of academic and administrative staff and to provide recognition of their efforts through awards. Our focus also has been on providing state-of-the-art facilities that guarantee academic excellence. We wish to raise Pakistan's educational standards and to create an education system that is respected and recognised internationally.

The technology our university offers is what makes it stand apart from other institutes. Our primary objective is to produce self-learners who can make a mark for themselves. I assure our students that our faculty, advanced curriculum and facilities will aid them in achieving success in their individual fields of choice.

We are constantly evolving our teaching strategies to be in line with the latest methodologies to support learning and increase employability. Over the coming years, I wish to further support the university in the next phase of our strategic transformation.

Prof. Dr. Nida Hussain
Pro-Chancellor,
Ziauddin University



VICE-CHANCELLOR'S MESSAGE

I am delighted to share the Annual Report for 2023, highlighting Ziauddin University's remarkable achievements and progress over the past year. This year has been marked by significant achievements and milestones that underscore Ziauddin University's dedication to academic excellence, research, and community service.

Throughout the past year, our university has made remarkable strides as Ziauddin University continues to offer a diverse and comprehensive range of programmes. Our Quality Enhancement Cell (QEC) and Office of Research, Innovation, and Commercialization (ORIC) have not only met national standards but are also aligning with international accreditation requirements, ensuring that our students receive education of the highest quality.

Our global collaborations and partnerships are a testament to our commitment to excellence. Ziauddin University is proud to be ranked among the top universities in Pakistan, with significant achievements in clinical trials, research, and innovation. Our dynamic curricula, rigorously vetted by both local and international experts, reflect our continuous pursuit of academic rigor and relevance.

The success of our students and faculty in various national and international arenas is a source of immense pride. From pioneering research publications to impactful community services, our community continues to lead and inspire. Our students have not only excelled academically but have also actively participated in extracurricular activities, demonstrating holistic development.

This year, we have also focused on enhancing our infrastructure and facilities, ensuring that our students and faculty have access to the best resources to support their academic and professional endeavors. As we move forward, our aim is to uphold and elevate our standards of excellence. We are committed to creating opportunities that break barriers in terms of knowledge, research, and development. Our goal is to transform the higher education landscape through cutting-edge research, active faculty engagement in public policy, and impactful consultancy projects.

I extend my heartfelt gratitude to our esteemed faculty, dedicated staff, and brilliant students for their unwavering commitment and hard work. Together, we will continue to build on our legacy of excellence and drive Ziauddin University towards greater heights.

Prof. Dr. Muhammad Inayatullah Khan

Vice-Chancellor,
Ziauddin University

GOVERNING BODY

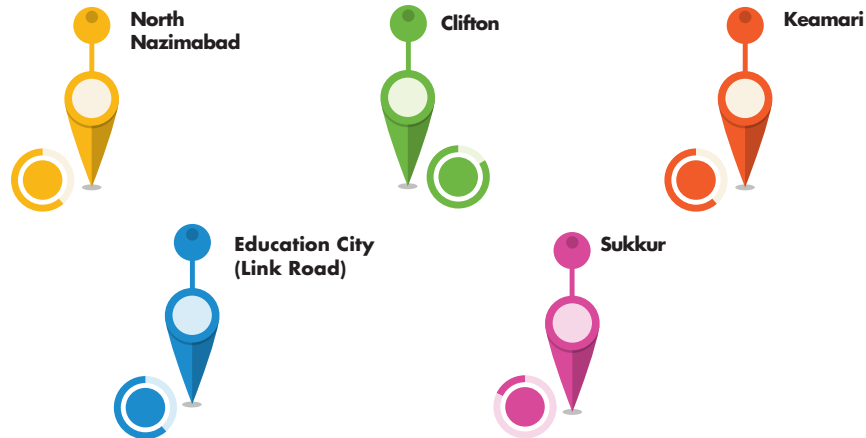
Dr. Asim Hussain, SI, NI (Master of Surgery)	Chancellor, Ziauddin University	Chairman
Prof. Dr. Mohammad Inayatullah Khan (Ph.D.)	Vice-Chancellor, Ziauddin University	Member
Mr. Saleem Mandviwalla	Senator, Senate of Pakistan	Member
Justice Adnan Iqbal Chaudhry	Honorable Judge, High Court of Sindh	Member
Prof. Dr. Sarosh Hashmat Lodi (Ph.D.)	(VC, NED Uni.) Nominees of Chairman, Sindh HEC or nominee	Member
Chairman HEC or his nominee		Member
Sardar Yaseen Malik, HI, SI	Chairman, Hilton Pharma	Member
Mr. M. Saleem Khan, Master Economics, Harvard Uni.	Former Federal Secretary to the Govt. of Pakistan	Member
Mr. Anwar Mansoor Khan	Former Judge & Attorney General of Pakistan & High Court, Sindh	Member
Prof. Dr. Pirzada Qasim Raza Siddiqui (Ph.D.)	Former Vice Chancellor, Ziauddin Uni. and University of Karachi/Professor Emeritus	Member
Prof. Dr. Khalid M. Iraqi (Ph.D.)	Vice-Chancellor, University of Karachi or nominee	Member
Mr. Iffikhar Ahmed Shaikh	President, Karachi Chamber of Commerce & Industries	Member
Prof. Dr. Abbas Zafar (MBBS, FRCS)	Dean, Faculty of Health Sciences	Member
Dr. Fahad Azim (BE Electrical) Ph.D.	Dean, ZUFESTM	Member
Engr. Capt. (Retd.) Syed Waqar Hussain (B.Sc, Engg) Master in Economics & International Relations)	Registrar, Ziauddin University	Secretary
Prof. Dr. Nida Hussain (MBBS, DAB)	Pro-Chancellor, Ziauddin University	Invited Member
Mr. Faizan S. Syed	Advisor to the Chancellor on Financial/Media Sciences	Invited Member
Mr. Shahzad Iqbal	Director Finance, Ziauddin University	Invited Member
Dr. Ammad Hussain	CEO, ZHC	Invited Member
Mr. Muhammad Adnan Fuzail (MBA)	Director, Quality Enhancement Cell	Invited Member

ABOUT ZIAUDDIN UNIVERSITY

Ziauddin University was established in the memory of Sir Dr. Ziauddin Ahmad, a renowned academician, philosopher, mathematician and political figure. His vision was to spread quality education amongst the Muslims of the subcontinent. Ziauddin University is recognised by the Higher Education Commission (HEC). The Ziauddin Group started its mission with a small maternity home in Nazimabad, Karachi, formed by Sir Dr. Ziauddin's daughter, Dr. Ajaz Fatima, and his son-in-law Dr. Tajammul Hussain. Over the years, the maternity home expanded into the Ziauddin Group of Companies. The group has three tertiary care hospitals, several community-based projects, a live radio channel, and a university. In 1986, the Ziauddin Group established the School of Nursing, an institute recognised by the Pakistan Nursing Council. In 2009, the School of Nursing expanded into college. It now offers various programmes for graduate and undergraduate students. In August 1994, the Government of Sindh granted permission for the establishment of the Dr. Ziauddin Postgraduate Institute of Medical Sciences. By the virtue of this ordinance, the institute could grant its own postgraduate degrees and diplomas. In October 1995, the Sindh Assembly passed an Act (VI of 1995) for the establishment of Ziauddin Medical University. At that time, the University established an association with the neighbouring community to set up a health centre. This initiative resulted in a mutual partnership with the Karachi Municipal Catchments Population. On December 13th, 2005 Ziauddin Medical University was given the Charter as Ziauddin University vide 'The Ziauddin University (Amendment ACT 2003). It initially started growing in the field of medical sciences, but as time went by, the university proved itself to be a diverse institution. Ziauddin University is currently offering degrees in Medicine, Pharmacy, Biomedical Engineering, Electrical Engineering, Computer Science, Software Engineering, Allied Health Sciences, Media & Communications, Physical Therapy, Nursing, Dentistry, Speech Language & Hearing Sciences, Audiology, Business Administration, Fine Arts and Veterinary Sciences. The aim is to form an institution that not only promotes the vision of Sir Dr. Ziauddin Ahmad but educates the youth of Pakistan at the same time.



OUR CAMPUSES/SITES



FACULTIES, COLLEGES & DEPARTMENTS

Currently 8 faculties and 13 colleges and 6 departments are operating under the banner of Ziauddin University offering programmes in a diverse range of disciplines.



FACULTY OF HEALTH SCIENCES

- ZIAUDDIN MEDICAL COLLEGE
- COLLEGE OF DENTISTRY
- COLLEGE OF REHABILITATION SCIENCES
- COLLEGE OF MEDICAL TECHNOLOGY
- COLLEGE OF SPEECH, LANGUAGE & HEARING SCIENCES
- COLLEGE OF PODIATRIC MEDICINE
- COLLEGE OF PUBLIC HEALTH

FACULTY OF PHARMACY

FACULTY OF LAW, POLITICS & GOVERNANCE

FACULTY OF LIBERAL ARTS & HUMAN SCIENCES

- COLLEGE OF MEDIA SCIENCES
- COLLEGE OF LANGUAGES, LITERATURE & CULTURE
- COLLEGE OF EDUCATION
- COLLEGE OF CLINICAL PSYCHOLOGY

FACULTY OF ENGINEERING, SCIENCE, TECHNOLOGY & MANAGEMENT

- DEPARTMENT OF BIOMEDICAL ENGINEERING
- DEPARTMENT OF ELECTRICAL ENGINEERING
- DEPARTMENT OF CIVIL ENGINEERING
- DEPARTMENT OF COMPUTER SCIENCE & SOFTWARE ENGINEERING
- DEPARTMENT OF MANAGEMENT, TECHNOLOGY & INFORMATION SCIENCES
- DEPARTMENT OF ARCHITECTURE AND ENVIRONMENTAL DESIGN

FACULTY OF NURSING & MIDWIFERY

FACULTY OF EASTERN MEDICINE & NATURAL SCIENCES

- COLLEGE OF EASTERN MEDICINE
- COLLEGE OF NATURAL SCIENCES

FACULTY OF VETERINARY & ANIMAL SCIENCES



NATIONAL COLLABORATIONS

- Atco Laboratories, Limited
- Indus University
- Institutoin of Holistic Rehabilitation and Inclusion
- Pakistan Ear Foundation
- HEALTH SERVICES ACADEMY (HSA)
- Ihsan Trust
- ACELP
- KDSP
- Shaheed Mohtarma Benazir Bhutto Institute of Trauma
- PILLS
- Begum Nusrat Bhutto University
- PRC
- TeeSquare
- Muhammad Ali Jinnah University
- Khyber Medical University
- Silicon
- Shaheed Mohtarma Benazir Bhutto Chair
- Scieneq Engineering Pvt Ltd
- Council of Islamic Ideology
- Federal Urdu University
- BioNics
- Technopreneurs



INTERNATIONAL COLLABORATIONS



Became Member of UN's SDG Academy



Agreement Signed with Monash University



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُونَيْتِيسِيْتِي اِسْلَامِيَّةٌ اِنْتَبَا اِبْرَاهِيْمِيَّةٌ مَلَيْسِيَا

International Islamic University, Malaysia



Crescita International Consultants



INTI International University & Colleges



METHARATH UNIVERSITY

Metharath University



ACCREDITATIONS

Ziauddin University has been recognised by a number of councils.



Pakistan Medical and Dental Council (PMDC)



Pakistan Bar Council (PBC)



Pharmacy Council of Pakistan (PCP)



National Accreditation Council for Teacher Education (NACTE)



National Agriculture Education Accreditation Council (NAEAC)



National Technology Council (NTC)



Pakistan Nursing Council (PNC)



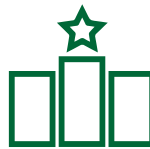
Pakistan Engineering Council (PEC)



Pakistan Veterinary Medical Council (PVMC)



National Computing Education Accreditation Council (NCEAC)



INTERNATIONAL RANKINGS



QS Asia University Rankings | 2024

- Ranked 501-550 in Asia
- Ranked 143 in Southern Asia
- Ranked 29th in Pakistan.
- Ranked 7th in Sindh.
- Ranked 3rd Private Sector Universities in Karachi.



- Top 4th in Sindh with other Private Sector Universities.
- Ranked 201-300 in the World in SDG-3 Good Health & Well-being and SDG 5 Gender Equality.
- Top 4th in Sindh with other Private Sector Universities in SDG 4 Quality Education and SDG 17 Partnership for the Goals.



- Ranked 297th Most Sustainable University in the World
- Ranked 154th Most Sustainable University in the Asia.
- Top 9th Most Sustainable University in Pakistan out of 68 Universities.
- Top 5h Private Sector Universities in Pakistan.
- Among Top 1 Private Sector University in Sindh.



ZIAUDDIN UNIVERSITY RANKING

RESULTS SUMMARY

World Ranking 297	SI Ranking 351	EC Ranking 115	WS Ranking 544
	WR Ranking 260	TR Ranking 293	ED Ranking 506

WORLD RANKINGS HISTORY



Figure 3.1 World Rankings History Diagram

RANKING IN PAKISTAN

Country Ranking 9	SI Ranking 15	EC Ranking 3	WS Ranking 14
	WR Ranking 4	TR Ranking 11	ED Ranking 22



DIVERSE FACULTY

TOTAL FACULTY

561

TOTAL
FULL-TIME
FACULTY

VISITING
FACULTY

328

17

PART-TIME
FACULTY

TOTAL
PHDs

82



DEGREE PROGRAMMES OFFERED

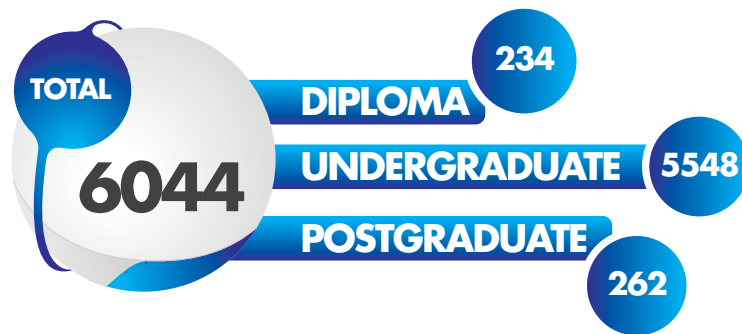
49 UNDERGRADUATE

74 POSTGRADUATE

13 DIPLOMA/CERTIFICATES/ASSOCIATE DEGREES



TOTAL NUMBER OF STUDENTS ENROLLED



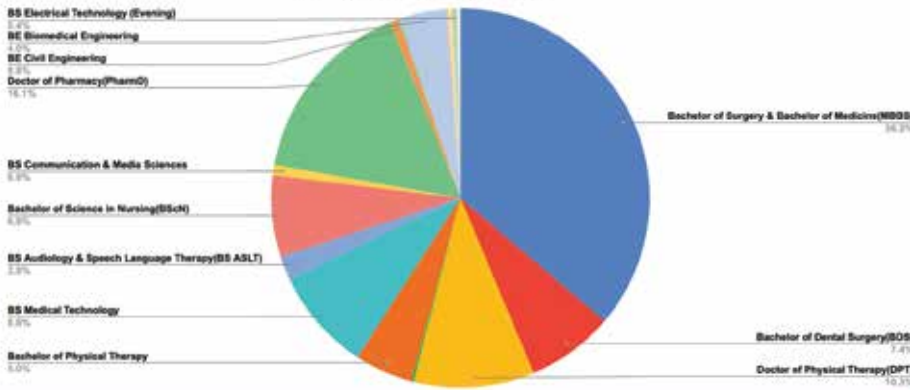
STAFF EMPLOYED





ALUMNI

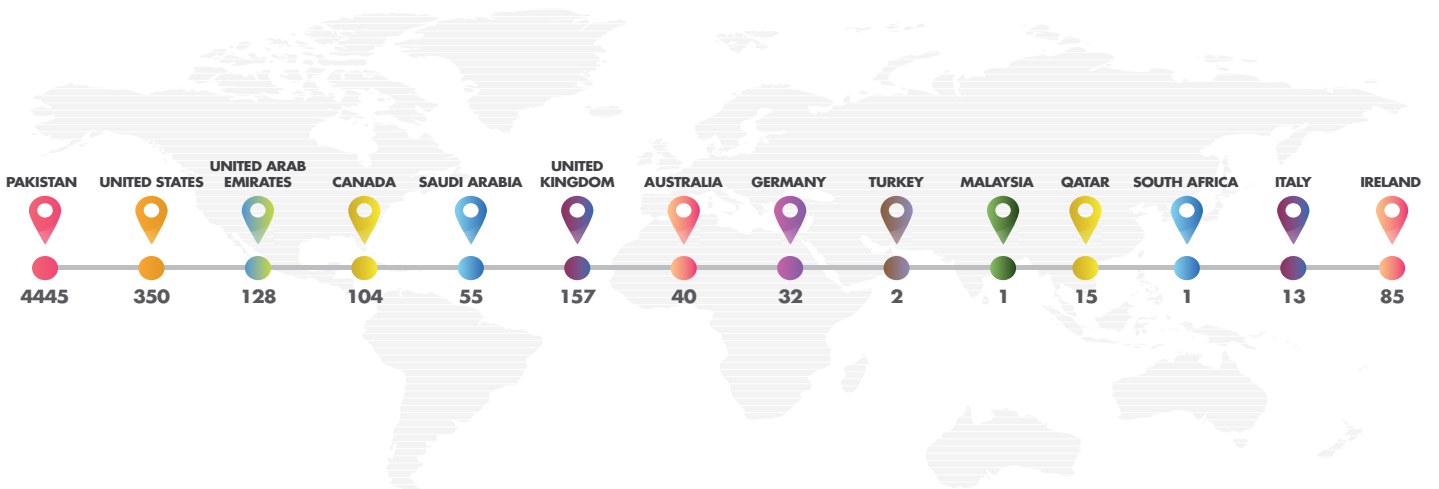
Total Number of Graduates 2023



Ziauddin University Total Number of Graduates 2023	
Programmes	No. Graduates
Doctor of Physical Therapy (DPT)	559
Doctor of Pharmacy (PharmD)	874
Doctor of Occupational Therapy (DOT)	12
BS Software Engineering	8
BS Medical Technology	476
BS Electrical Technology (Evening)	22
BS Communication & Media Sciences	48
BS Civil Engineering Technology (Evening)	3
BS Biotechnology (AgTech)	17
BS Biomedical Engineering Technology	9
BS Audiology & Speech Language Therapy (BS ASLT)	111
BE Electrical Engineering	8
BE Civil Engineering	42
BE Biomedical Engineering	215
BBA (Morning)	5
Bachelor of Surgery & Bachelor of Medicine (MBBS)	1967
Bachelor of Studies in Digital Media Marketing	1
Bachelor of Science in Nursing (BSN)	377
Bachelor of Physical Therapy	270
Bachelor of Dental Surgery (BDS)	404

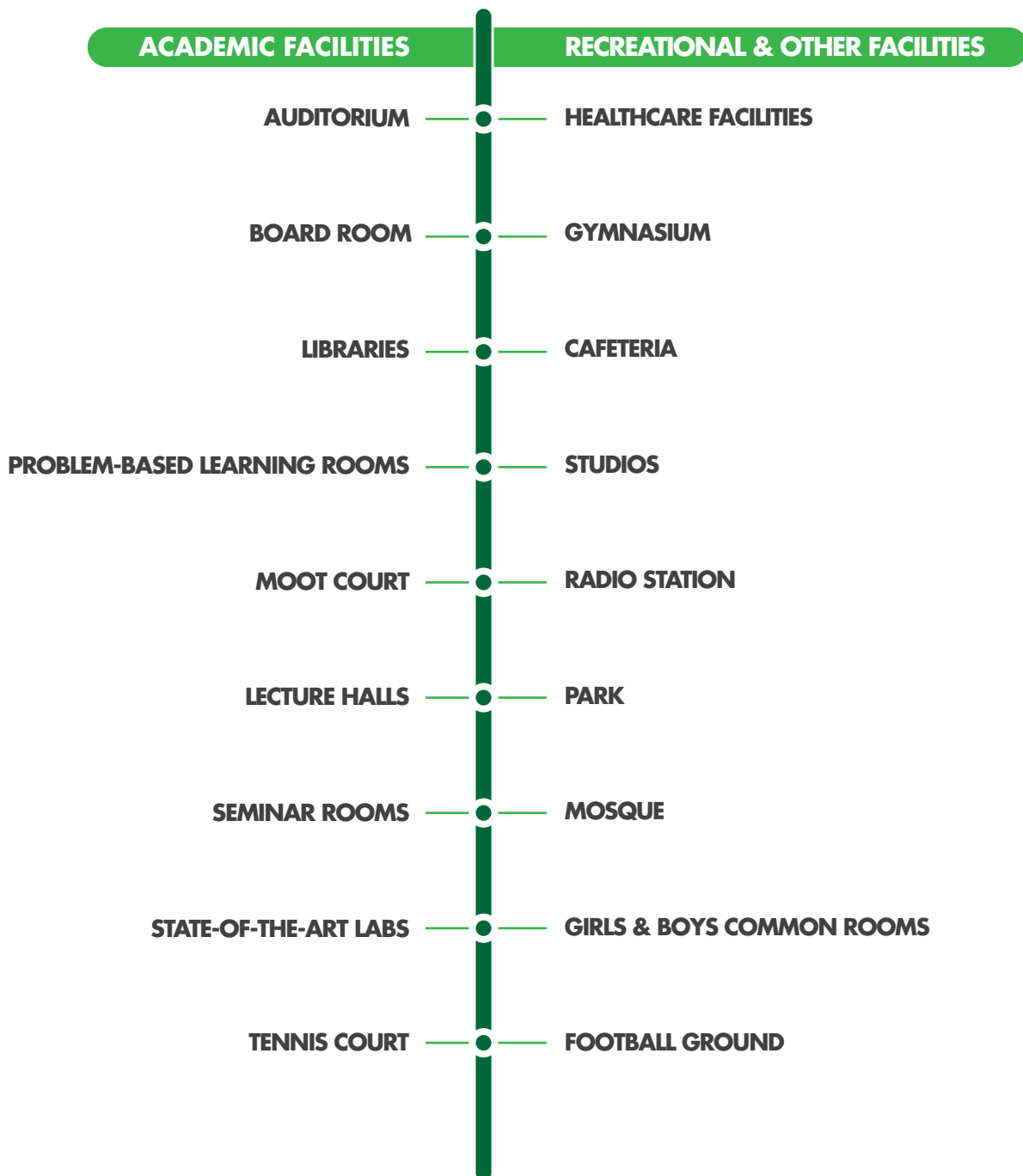


OUR ALUMNI ALL OVER THE WORLD





UNIVERSITY WIDE FACILITIES





SCHOLARSHIPS

544 STUDENTS WERE OFFERED SCHOLARSHIPS

APPROX. 106 MILLION PKR DISBURSED AS FINANCIAL SUPPORT



CONTINUING PROFESSIONAL EDUCATION

JAN TO DEC 2023

22

NUMBER OF ACTIVITIES

TOTAL PARTICIPANTS

1198

ZIAUDDIN UNIVERSITY'S STUDENT ADMISSIONS

Introduction:

The Student Admissions Division, operating under the Registrar's office at Ziauddin University, serves as a pivotal gateway for prospective students. Our primary function is to equip potential applicants with comprehensive information about the university's undergraduate, postgraduate, short course, and diploma programmes. We strive to facilitate their journey towards higher education by guiding them through the application process, admission tests, interviews, and eventual issuance of admission offers.

Outreach Initiatives:

In our commitment to fostering awareness and understanding of Ziauddin University's diverse academic offerings, we actively engage in outreach activities. These initiatives aim to showcase the breadth of programmes beyond the institution's renowned MBBS programme, dispelling the perception of a solely medical focused university.

Participation in College Fairs:

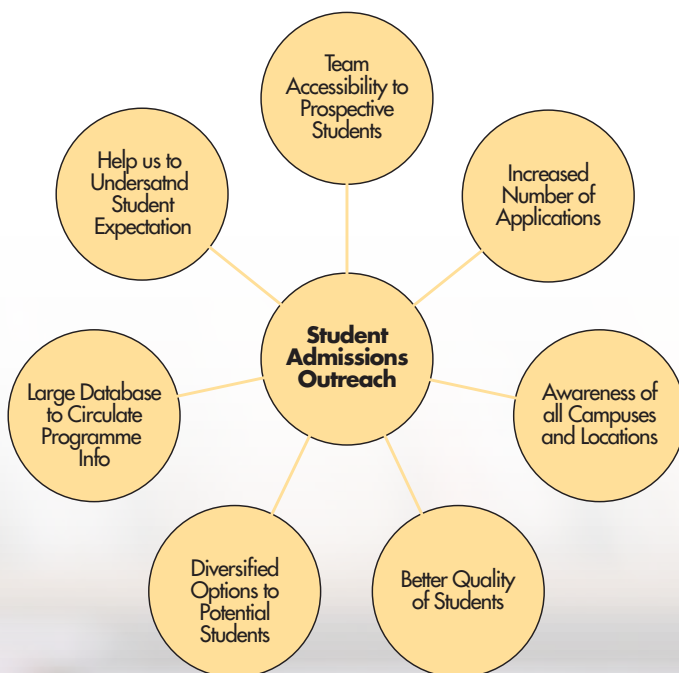
One of our key outreach strategies involves active participation in college fairs and information sessions, both on-campus and at external locations. Through these platforms, we target the right audience of students, providing them with insights into our array of bachelor's programmes. By showcasing the benefits of each programme, we aim to empower students to make informed decisions regarding their educational journey.

Specialised Counselling:

Our outreach efforts extend beyond mere information dissemination. We recognise the importance of personalised guidance in career decision-making. As such, we offer specialised counselling sessions during college fairs and information sessions. These sessions feature collaborations between the Student Admission's team and department specialists from Ziauddin University. Together, we provide a deeper understanding of programme scope and career opportunities, both within Pakistan and on a global scale.

Building Strategic Partnerships:

Representing Ziauddin University at college fairs not only enhances awareness but also fosters valuable partnerships with educational institutions. These partnerships enable us to organise focused group sessions where our team collaborates with department specialists to deliver tailored presentations. Such sessions further augment prospective students' understanding of our programmes and career prospects.



HIGHLIGHTS OF OUR OUTREACH ACTIVITIES

College Fairs

S.No	College/School Name	Turnout
1	Bahria College	1500
2	Alpha College	500
3	The Intellect School	500
4	Whales College	300
5	Credo College	500
6	The City School PAF Chapter	1200
7	Sceptre College	500
8	Foundation Public School	250
9	The Lyceum School	300
10	Nixor College	500

Information Session

S.no	College/School Name
1	Dr. Ziauddin Intermediate College
2	Meritorious College
3	Aga Khan Higher Secondary School
4	Habib Girls College
5	Cedar College - Nursery Campus

Open House:

Open House is a university event and is seen as an opportunity for prospective students to engage directly with our department specialists. As pioneers of this initiative, our objective is to extend its reach to a wide audience of potential students. By facilitating direct interactions with department specialists, expanding audience reach, we foster meaningful connections, thus ensuring all attendees derive maximum benefit from this enriching experience.

Conclusion:

In conclusion, the Student Admissions Division at Ziauddin University is committed to enhancing outreach and engagement initiatives. By actively participating in college fairs, offering specialised counselling, and building strategic partnerships, we aim to empower prospective students to make informed choices about their educational and career pathways.

OUTREACH ACTIVITIES – LIVE & IN ACTION



NAME OF EVENTS ATTENDED BY ZIAUDDIN UNIVERSITY

Ziauddin University Career Fair at December 15th 2023



Career Fair to ICMA 23rd December, 2023



HR ACTIVITIES

MONTH	NO OF EMPLOYEES HIRED	MALE	FEMALE
Jan 2023	23	11	12
Feb 2023	30	13	17
Mar 2023	32	17	15
Apr 2023	18	9	9
May 2023	9	3	6
June 2023	23	12	11
July 2023	34	24	10
Aug 2023	46	25	21
Sept 2023	42	20	22
Oct 2023	38	29	9
Nov 2023	21	14	7
Dec 2023	22	14	8

ALUMNI - CAREER COUNSELLING AND PLACEMENT OFFICE

This report summarizes the signature events organized by the Alumni, Career Counselling and Student Placement office, including the Career Fairs, Workshop on Resume Writing and Interview Skills, Launch of North America and UK Chapters, Meet and Greet with US Residency Matched Students of Ziauddin Medical College, Alumni Talk Series, Reunion and Retro Music Fest..

EVENTS THROUGH OUT THE YEAR:

Career Fairs:

Date: Thursday 26th January 2023 | Friday 15th December 2023

The Career Fairs served as a platform for students and alumni to explore various career options and network with professionals from diverse fields. Numerous local and international organizations participated, providing information about their industries, job roles, and internship programs. Students and alumni gained insights into different career paths, industry trends, and potential employers, fostering their career decision-making process.



Workshops on Resume Writing and Interview Skills:

Date: Friday 15th December 2023

The Resume Writing and Interview Skills workshop aimed to assist students in developing effective resumes that would stand out to employers. Industry professionals and career advisors shared valuable insights and tips on resume formatting, content organization, and highlighting key qualifications. Students had the opportunity to receive personalized feedback on their resumes, ensuring that they are well-prepared for their future job applications.



Launch of UK Chapter under the banner of Ziauddin Alumni Association registered in Security Exchange Commission of Pakistan:

Date: Friday 24th February 2023

Ziauddin Alumni UK Chapter Inaugurated in a Grand Event with Dinner featuring the Honorable Chancellor of Ziauddin University – Dr Asim Hussain and Dr Ammad Hussain, CEO of Dr Ziauddin Hospital at the Bombay Brasserie in London. This event was attended by our esteemed Chancellor, Dr. Asim Hussain, and marked by the participation of notable alumni from both senior and junior classes. We were honored to have Dr. Faisal Nawaz, Dr. Syed Nadir Naeem, Dr. Omer Saeed Malik, Dr. Kamran Safdar Rao, Dr. Sadia Bashir Chaudhry,

Dr. Sana Zehra, Dr. Uzma Tazeen, Dr. Hafsa Jalil, Dr. Ambreen, Dr. Naz Zuhra, Dr. Zaid Shakil, Dr. Talha Khalid, Dr. Sanober Jamil, Dr. Amin Arshad and Dr. Hammad Ahmed Siddiqui.



Meet and Greet with the US Residency Matched Students of Ziauddin Medical College:

Date: Thursday 4th May 2023

The Meet the US Residency Matched Winners event celebrated the achievements of Ziauddin University students who successfully matched into US Residency Match Cycle 2023.. The matched students shared their experiences, challenges, and insights regarding the residency application process, interviews with the Pro-Chancellor, Dr Nida Hussain and Dean Faculty of Health Sciences, Prof Dr Abbas Zafar. The event also provided a platform for current students to engage directly with the matched winners by asking questions and discussing concerns relevant to their future aspirations in medicine.



Alumni Talk on Brain Aneurysm Treatment by Dr. Hisham Salahuddin at DZH Clifton:

Date: Monday 13th May 2023

The Alumni department hosted a seminar titled "Advances in Brain Aneurysm Treatment," featuring speakers with international experience. The event was well-attended by residents of Ziauddin Hospital Among the distinguished speakers was Dr. Hisham Salahuddin, a 2010 alumnus of Ziauddin University. Dr. Salahuddin is currently serving as the Director of the Comprehensive Stroke Program and Neurointerventional Services at Antelope Valley Medical Center.



The Official Launch of Ziauddin North America Chapter at the APPNA 46th Annual Convention at the Gaylord Texan Resort in Dallas:

Date: Saturday 7th July 2023

This new chapter aims to enhance professional growth and facilitate networking among graduates of Ziauddin Medical University now residing in North America. The event was marked by a welcoming address from Dr. Arshad Rehan, President of APPNA, who highlighted the importance of ongoing professional development and celebrated the achievements of Ziauddin graduates. The presence of the founding registrar of Ziauddin Medical University, Dr. Jawed Aziz, and other notable guests like Dr. Haris Rashid Shaikh, Dr. Imran Siddiqui, and Dr. Rizwan Naeem, underscored the strong legacy and future aspirations of the institution. Dr. Mehmood Khan and Dr. Zohra Nooruddin from the Ziauddin Alumni Association of North America expressed gratitude towards Dr. Aamir Ehsan and Dr. Muhammad Sanaullah for their commitment to providing clinical opportunities for graduates, which will significantly aid in their professional development. The ceremony was well-attended by a diverse group of alumni, demonstrating the strong community spirit and commitment to mutual support among the graduates.



Retro Music Fest:

The Alumni Career Counselling & Placement Office at Ziauddin University successfully organized the first-ever Retro Music Fest for its students and for the university. The festival offered an atmosphere of excitement and joy, providing a welcome celebration for students who had just completed their examinations. Attendees enjoyed live music performances by DJ Nahyan, DJ Natalia Ali, and Ali Naveed, whose memorable sets greatly enhanced the experience. With more than 450 individuals in attendance, the event allowed students and alumni to conclude their semester on a high note, surrounded by friends, music, and food.



Grand Alumni Reunion:

Date: Saturday 23rd December 2023

The Alumni Department proudly hosted its second Grand Alumni Reunion on December 23, 2023, bringing together a vibrant community of alumni, both local and those visiting from abroad. The event provided a memorable evening filled with insightful keynote speeches delivered by Dr. Ejaz Vohra and Dr. Rubina Hussain. The reunion also featured engaging panel discussions with experts sharing diverse perspectives on a variety of topics, enriching the intellectual experience for all attendees. Adding a touch of entertainment, the evening was enlivened by a humorous comedy act performed by Hanif Raj, which was thoroughly enjoyed by the audience. The event concluded with a delightful HI-Tea, where alumni

had the opportunity to mingle, relive cherished memories, and reconnect with their peers. The Grand Alumni Reunion not only celebrated the past achievements of our alumni but also strengthened the bonds within our community, making it a truly unforgettable gathering. The event was attended by over 100 distinguished alumni of Ziauddin University.



Impact and Feedback:

The Alumni networking and career events received positive feedback from participants. Students expressed their gratitude for the valuable opportunities provided, which helped them gain practical knowledge, industry exposure, and networking opportunities. Many students reported enhanced confidence in their career choices and increased motivation to pursue their goals and look forward to more impactful events in the future.

EXTRACURRICULAR ACTIVITIES

Shaam-e-Suroor

The office of student affairs starts the year with one of the biggest events, a grand Qawwali night plus a bonfire. The event consisted of qawwali sung by the renowned qawwal Majid Ali Sabri, followed by an open mic session with a bonfire where ZU's own students showcased their singing talent. The event hosted 700 students from all the branches of Ziauddin University.

Ziauddin University Debating Championship – 14th Edition

Like every year, Ziauddin University hosted its 14th edition of ZUDC from 3rd-4th February 2023 at Ziauddin University, Clifton Campus. For the first time, ZUDC broke records and hosted more than 30 teams from all over Karachi, ranging from O-level institutes to universities. ZUDC'23 saw Team Alpha A and Team Dard-e-Disco in the finals, where Team Alpha A ended up taking home the trophy! Over the course of three days, students were able to showcase their debating skills and make some lifelong memories.

Welfare Aid - Bikeathon

The purpose of the annual Bikeathon is to generate money for the needy to receive medical care. As per the annual tradition, the Office of Student Affairs collaborated with "Welfare Aid" to arrange a Bikeathon, an annual event that allows Ziauddin University students to take part in a bicycle rally. Participants picked up their bikes and participation bands at the Ziauddin University Clifton Campus, and cycled around the Clifton route, enjoying the weather.

VFAHT - Awareness Session on Hepatitis

An awareness programme for students as well as underprivileged people to educate them on the cause and effects of hepatitis while also teaching them the ways that can prevent the disease from occurring and spreading.

Menstrual Hygiene Camp

A camp was organised by the MBBS council for underprivileged areas, where women are undereducated and unaware of proper hygiene regarding menstruation. The camp was successful, as women from the areas appreciated the education provided to them.

Baithak 2.0

After the success of Baithak last year, Student Council MBBS conducted Baithak 2.0, similar to last year, it was open to all the batches of MBBA and BDS. A simple and light event to let the students break free from the hectic schedule of their exam and have a relaxing time.

Welfare Aid - Blood Drive

Like every year, welfare aid, in collaboration with the Office of Student Affairs, conducted a blood donation drive where the students and faculty donated blood, which was later donated to the underprovided hospitals.

Game Night

Student Council BDS conducted Game Night in collaboration with the ZCRS Student Council as a fundraiser event. The funds were then donated to Muskurahat, a community service NGO run by the students of BDS for underprivileged areas. The event consisted of stalls hosting different games as well as food stalls and some karaoke, which ended up engaging students and creating a fun night.

Bake Sale (Mental Health Awareness Month)

A fundraiser event was held in collaboration with the MBBS Council, an event where different food vendors and student owned businesses were given a chance to promote their products and sell them. The profit earned from the sales was then donated to charity for underprivileged areas.

BDS Guest Speaking Session

The BDS Student Council started a 'Beyond BDS Series' where the council called different speakers to talk on different topics that provided students with a clear point of view for the future. At first, the series featured an enlightening workshop with Dr. Ali Hussain, an established dental surgeon. The session

focused on the theme of "living or leaving dentistry," shedding light on non exciting avenues for those aspiring to practice dentistry in Pakistan. The second session was with Dr. Uzair Jama, a renowned maxillofacial surgeon. He shared invaluable insights on counselling in dentistry, emphasising the importance of effective communication.

Posture Prescription Session

A workshop was conducted by the BDS Council for students to guide them about the importance of proper posture while studying. Since, as medical students, cervical and lumbar spasm is very common, to avoid such issues, the workshop was very successful.

Welfare Aid - BLS Workshop

Basic Life Support workshop, conducted by MBBS Council, where students teach juniors the proper way to give CPR and other immediate procedures in case of on-the-spot emergencies.

Annual Lunch ZCRS 2023

The most awaited event of the year for ZCRS Students happened on October 22nd, at Four Season Banquet on the Masquerade theme, where students danced their hearts out after finishing their exams. Titles were given to the graduating batch, bidding them a tearful but successful farewell. The concert by Yash Band and Qawwali by Majid Ali Sabri made the event a lifelong memory for all the students.

VFAT - Aids Awareness Day

An awareness programme for students as well as underprivileged people to educate them on the cause and effects of Aids while also teaching them the ways that can prevent the disease from occurring and spreading.

SPORTS ACTIVITIES

ZU Boys Futsal Champions League - 7th May 2023

Congratulations to team College of Medical Technology for winning the final of the inter-departmental sports event organized by the Ziauddin University Sports Department! It was an intense competition with participation from Ziauddin Medical College, Ziauddin College of Medical Technology, Ziauddin University Faculty of Engineering, Science, Technology & Management, Ziauddin Faculty of Law, Politics & Governance, and Ziauddin Faculty of Pharmacy. The final match between Ziauddin Medical College and Ziauddin College of Medical Technology was a thrilling experience and team College of Medical Technology emerged victorious with a score of 4-1. Well done to all the participating teams for putting up a great show of sportsmanship and teamwork.



ZU Boys & Girls Inter Departmental Throwball Championship - 3rd - 4th June 2023

What an incredible display of talent and sportsmanship at the ZU Boys & Girls Throwball Championship that was well organized by ZU sports department! Congratulations to LAW for their thrilling victory in the Boys Final, defeating BDS in an intense battle. Kudos to ZCRS for their remarkable triumph over Clinical Psychology in the Girls Final. The teams left it all on the court and truly inspired us all!



ZU Boys & Girls Inter Departmental Volleyball Championship - 8th July 2023

We are pleased to announce the successful conclusion of the ZU Boys & Girls Inter-Departmental Volley Championship organized by the ZU Sports Department. Nursing (A) triumphed as the boy's champions, while ZCRS secured the girl's title. We appreciate all the participating departments—MBBS, ZCRS, LAW, Nursing, M.T., & Faculty of Pharmacy—for their exceptional sportsmanship.



AZADI SPORTS GALA - 7th – 10th August 2023, LINK ROAD CAMPUS

The ZU Sports Department deserves commendation for successfully organizing the Azadi Sport Gala at the Link Road campus from August 7th to 10th, 2023. This event was a remarkable showcase of sportsmanship and talent, with over 250 students participating from various faculties, namely ZUFESTM, Faculty of Pharmacy, M.T, ZCRS, and ZUFVAS. The diverse range of 10 different sports, including Boys Cricket, Girls Throwball, Boys Futsal, Girls Futsal, Boys Badminton, Girls Badminton, Boys Table tennis, Girls Athletics, Boys Carrom, and Girls Skipping, undoubtedly provided an exhilarating experience for all involved.

Congratulations to ZUFESTM for their victory and impressive performance in the Azadi sports gala! The commitment and hard work put forth by the ZU Sports Department in planning and executing this event is truly commendable. Their dedication ensured that the Azadi Sport Gala ran smoothly and efficiently, creating a platform for students to showcase their talents and passion for sports. Moreover, the participation of students from various faculties added an element of camaraderie and healthy competition to the event.



AKU SPORTS OLYMPIAD - 18th -24th of September 2023.

Ziauddin University's sports team showcased exceptional talent and determination at the AKU Sports Olympiad 2023, held from September 18th to 24th, 2023. Our team demonstrated remarkable skills, defeating several universities in straight games and securing a well-deserved spot in the semifinals.

- 1st position in Volleyball Men's
- 1st position in Lawn Tennis Men's Doubles
- 2nd position in Lawn Tennis Men's Singles
- 3rd position in Futsal Men's

The Ziauddin University sports department's dedication to promoting physical and mental well-being was evident in our team's outstanding performance. We congratulate our team on their impressive achievements and look forward to future successes!



ZU Boys Inter Departmental Cricket Championship - 25th 26th October 2023

Celebrating the triumph of talent and teamwork at the ZU Boys Cricket Championship organized by the ZU Sports Department! From October 25th to 26th, 2023, the NED Cricket Ground echoed with the cheers of a large gathering of students from diverse faculties, showcasing exceptional sportsmanship and a wealth of talent. A standing ovation to the Faculty of Pharmacy for their remarkable victory and outstanding performance. Their dedication and hard work have truly paid off, setting an inspiring example for us all. The event's atmosphere was electric, filled with camaraderie and healthy competition,

fostering unity and teamwork within the ZU community. Here's to the power of sports in bringing us together!



HEC MEN'S TABLE TENNIS CHAMPIONSHIP - 30th October 2023

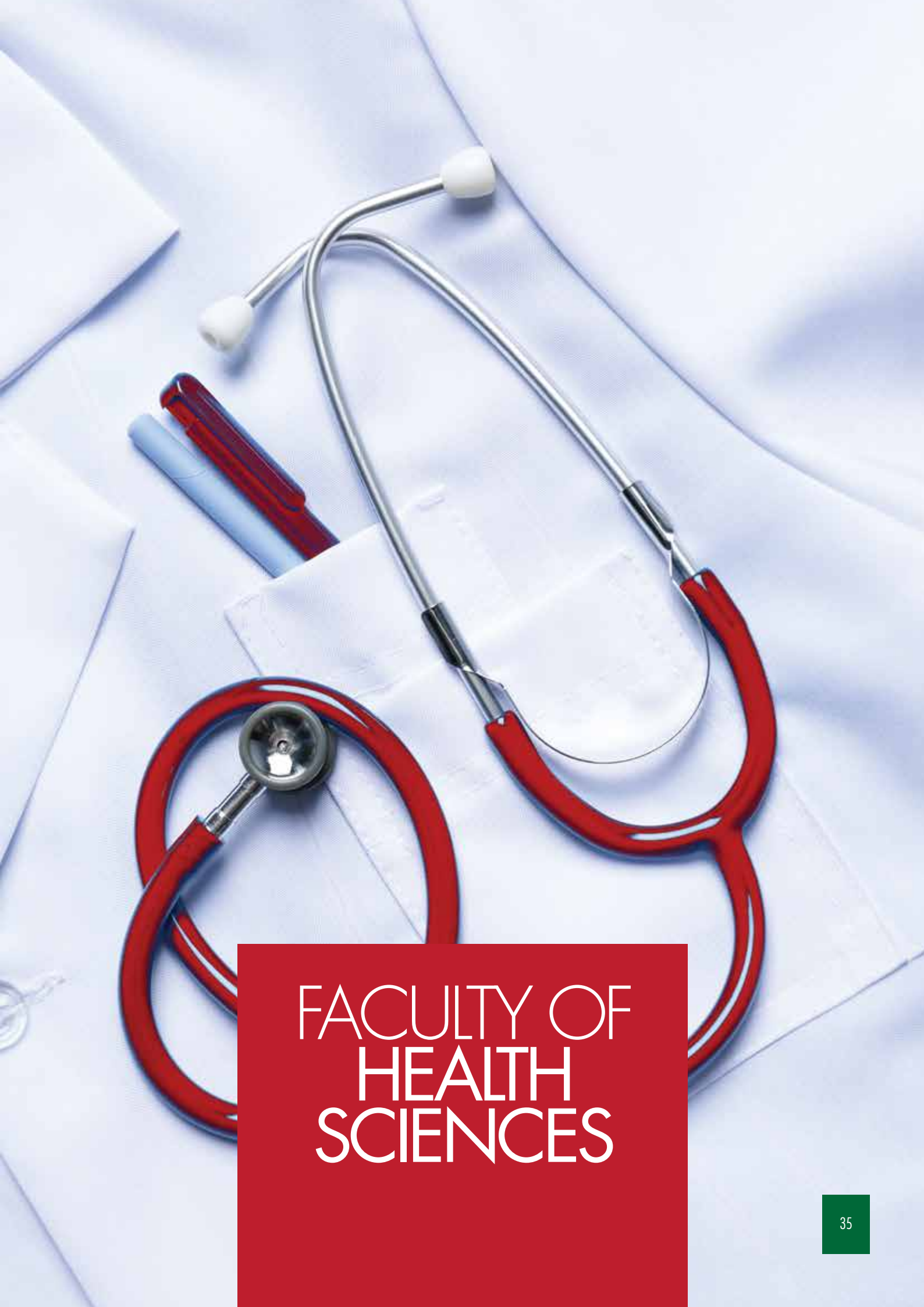
On October 30th, 2023, Ziauddin University shone at the HEC Men's Table Tennis Championship 'Zone L' 2023, held at Iqra University. Our team displayed remarkable skills, defeating BBSUL in straight games and securing a well-deserved spot in the semifinals. The dedication and perseverance demonstrated by our boys were truly commendable, reflecting the spirit of sportsmanship and teamwork. We are immensely proud of their achievement and look forward to the upcoming challenges with confidence and determination. Congratulations to our talented athletes for their outstanding performance!



ZU SPORTS MANIA - 18th November 2023, Clifton Campus

Ziauddin University Sports Department successfully organized ZU SPORTS MANIA on November 18th, 2023, at the Ziauddin University Clifton Campus. Among the 650 people in attendance, 380 students took part in the sports-mania. Great sportsmanship was displayed by all of the participating students, which added to the event's success overall. We would like to congratulate every team that won their competition.





FACULTY OF
HEALTH
SCIENCES

FACULTY OF HEALTH SCIENCES

DEAN'S MESSAGE

Faculty of Health Sciences is one of the best in the country and is responsible for creating the finest healthcare professionals in the world. Being a pioneer in introducing problem-based learning and teaching, the department constantly updates its curriculum to fit international standards.

Faculty of Health Sciences hosts a variety of programmes such as the undergraduate programme in Medicine, Dentistry, Rehabilitation Sciences, Speech-Language and Hearing Sciences, Nursing and Medical Technology. It also offers postgraduate programmes like MPhil and PhD in Basic Health Sciences and MS and MD along with diplomas in Clinical Sciences. Our faculty provides numerous training programmes that aid students in excelling in their respective fields before they graduate.

The core aim of the Faculty of Health Sciences is to educate people from all stratas of society and ensure they gain the kind of experience they can implement in real life. We take pride in producing professionals who are passionate about adding to the world of medical innovations.

Prof. Dr. Abbas Zafar

Dean, Faculty of Health Sciences,
Ziauddin University

COLLEGES

- Ziauddin Medical College
- College of Dentistry
- College of Rehabilitation Sciences
- College of Speech, Language & Hearing Sciences
- College of Medical Technology
- College of Podiatric Medicine
- College of Public Health





ZIAUDDIN
MEDICAL
COLLEGE

PUBLICATIONS OF ZIAUDDIN UNIVERSITY

Sr.#	Title	Journal	Publication Year	Main Author	Main Author Sequence	Co-Authors	Affiliations
1	Association of BMI of adolescent's with their feeding practices during infancy	Journal of Xi'an Shiyu University, Natural Science	2022	DR. SYED HASAN DANISH (Card #80630)	1	1.Farah Ahmad.2.DR. SYED HASAN DANISH.	1.Ziauddin University 2.Ziauddin University
2	Sub Axial C-Spine Trauma; A Diagnostic and Treatment Challenge for Clinicians: Current Concepts	SVOA Orthopaedics	2022	DR. SOHAIL RAFI (Card #80405)	1	1.DR. SOHAIL RAFI.	1.Ziauddin University
3	Self-Assembled Bubble Continuous Positive Airway Pressure (CPAP) Device as Primary Respiratory Support for Neonatal Respiratory Distress in Low-Resource Settings	Pakistan Journal of Medicine and Dentistry	2022	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
4	Risk Factors Causing Unintentional Home Injuries in Children Under 5 Years of Age Presenting to Emergency Department of Ziauddin University Hospital	Pakistan Journal of Medical & Health Sciences	2022	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
5	Risk Factors of Pulmonary Hemorrhage in Neonate.	Pakistan Journal of Medical & Health Sciences	2022	DR. FARHANA ZAFAR (Card #80439)	1	1.DR. FARHANA ZAFAR.	1.Ziauddin University
6	Sacroiliac joint pain (SIJP) after lumbar/Lumbosacral fusion: Our experience	Journal of Pakistan Orthopaedic Association	2022	DR. SOHAIL RAFI (Card #80405)	1	1.DR. SOHAIL RAFI.	1.Ziauddin University
7	Perception and Attitude of Pakistani Doctors Toward the Use of Telemedicine Technology	Interational Journal of Pathology	2022	DR. SYED HASAN DANISH (Card #80630)	1	1.DR. SYED HASAN DANISH.	1.Ziauddin University
8	The Impression of Blood Droplets on Solid Surface and its Evaluation with Bloodstain Pattern Analysis, A Cross Section Forensic Study	Pakistan Journal of Medical & Health Sciences	2022	DR. MUHAMMAD IKRAM ALI (Card #81459)	5	1.DR. MUHAMMAD IKRAM ALI.	1.Ziauddin University
9	The role of corticosteroids along with alpha blocker in the expulsion of distal ureteric stones as compared to the alpha blocker alone	Journal of Xi'an Shiyu University, Natural Science	2022	DR. JABBAR AHMED QURESHI (Card #80780)	5	1.DR. JABBAR AHMED QURESHI.	1.Ziauddin University
10	Client Satisfaction Levels in People Living with HIV/Aids in Punjab: A Cross-Sectional Study	Pakistan Journal Of Obstetrics & Gynecology	2022	DR. SYED HASAN DANISH (Card #80630)	2	1.Farah Ahmad.2.DR. SYED HASAN DANISH.	1.Ziauddin University2.-
11	Relationship Between Serum 25-Hydroxy Vitamin D Level and Menstrual Cycle Irregularity: A Cross-Sectional Study	Pakistan Journal of Medical Sciences	2022	DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI (Card #81224)	1	1.DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI.	1.Ziauddin University
12	Frequency of High Antimicrobial Susceptibility Carbapenemase Producing Enterobacteriaceae in Clinical Isolates of a Set of Population	Journal of Rawalpindi Medical College	2022	ALIYA IRSHAD SANI (Card #81380)	3	1.ALIYA IRSHAD SANI.	1.Ziauddin University
13	Glycemic Control Among Type 2 Diabetics: Comparison of Patients Coming to Specialized Clinics vs General Clinics for Diabetes	Interational Journal of Pathology	2022	DR. SYED HASAN DANISH (Card #80630)	2	1.Farah Ahmad.2.DR. SYED HASAN DANISH.	1.Ziauddin University2.-
14	The Assessment of Forensic Disguising Markers for Food Poisoning and their Control Measures. A Health Awareness Study	Pakistan Journal of Medical & Health Sciences	2022	DR. MUHAMMAD IKRAM ALI (Card #81459)	2	1.DR. MUHAMMAD IKRAM ALI.	1.Ziauddin University
15	Low Dose of Azithromycin Enhances the Anticancer Efficacy of Sorafenib in HepG2 Cell Line	Pakistan Journal of Zoology	2022	DR. KAUSER MOIN MIRZA (Card #81140)	5	1.DR. KAUSER MOIN MIRZA.	1.Ziauddin University
16	"The Conjoint effects of Cinnamon and Metformin on Anthropometric and Glycemic indices in Drug Naïve type II Diabetic patients"	Medical Forum Monthly	2022	DR. KAUSER MOIN MIRZA (Card #81140)	2	1.DR. KAUSER MOIN MIRZA.	1.Ziauddin University
17	Prevalence of Congenital Birth Defects among Pediatric Patients of Interior Punjab	Pakistan Journal of Medical & Health Sciences	2022	DR. JABBAR AHMED QURESHI (Card #80780)	5	1.DR. JABBAR AHMED QURESHI.	1.Ziauddin University
18	"Expression Analysis of 4-Hydroxynonenal Modified Proteins in Schizophrenia Brain; Relevance to Involvement in Redox Dysregulation"	Current Proteomics	2022	DR. SHAMIM MUSHTAQ (Card #80739)	4	1.DR. SHAMIM MUSHTAQ.	1.ZU
19	Outcomes and Predictors of Non-Responsiveness in Treatment of Naive and Non-Cirrhotic Patients with HCV Genotype 3 Infection – A Third World Perspective	Journal of Pharmaceutical Research International	2022	DR. SYED HASAN DANISH (Card #80630)	4	1.DR. SYED HASAN DANISH.	1.Ziauddin University
20	Clinical outcomes of patients treated with dexamethasone vs methylprednisolone for severe covid 19 pneumonia	Jundishapur Journal of Microbiology	2022	DR. IMTIAZ BEGUM (Card #80199)	1	1.DR. IMTIAZ BEGUM.	1.Ziauddin University
21	Comparative Biochemical Investigations of Over Doze Diazepam in Albino Rats. An Experimental Forensic Study	Pakistan Journal of Medical & Health Sciences	2022	DR. MUHAMMAD IKRAM ALI (Card #81459)	5	1.Muhammad Rashid.2.MOHSA NA UROOJ RANA.3.AMNA SHAHID.4.AZRA Anwar.5.ALINA SAQIB.6.AVED ANVER QURESHI.7.NAVED SHUJA.8.ARSLAN SHUJA.9.DR. MUHAMMAD IKRAM ALI.	1.-2.-3.-4.ZU5.ZU6.-7.-8.-9.Ziauddin University
22	The Expression of Soluble C-Type Lectin-Like Receptor-2 (sCLEC-2) in Metabolic Syndrome	Med. Forum	2022	DR. SYED ZARYAB AHMED (Card #80325)	3	1.DR. SYED ZARYAB AHMED.	1.Ziauddin University

23	Histopathological Analysis of Steroid Resistant Nephrotic Syndrome in Pediatric Patients	Journal of Xi'an Shiyu University, Natural Science	2022	DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI (Card #81224)	1	1.DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI.	1.Ziauddin University
24	Association of Hepatorenal Syndrome with Liver Cirrhosis	Journal of Xi'an Shiyu University, Natural Science	2022	DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI (Card #81224)	1	1.DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI.	1.Ziauddin University
25	Recent Advances in DNA Analysis for Criminal Cases with the Applications of Forensic Sciences, A Comparative Study	Pakistan Journal of Medical & Health sciences	2022	DR. MUHAMMAD IKRAM ALI (Card #81459)	3	1.DR. MUHAMMAD IKRAM ALI.	1.Ziauddin University
26	"Carvacrol Conjugated Zinc Oxide Nanoparticles as Prospective Agents against Clinically Isolated Carbapenem Resistant Acinetobacter Species"	Medical Forum Monthly	2022	DR. KAUSER MOIN MIRZA (Card #81140)	2	1.DR. KAUSER MOIN MIRZA.	1.Ziauddin University
27	Spectrum of Accidental Poisoning in Children Presenting to Dr. Ziauddin Hospital Emergency Department	Pakistan Pediatric Journal	2022	DR. FARHANA ZAFAR (Card #80439)	1	1.DR. FARHANA ZAFAR.	1.Ziauddin University
28	"Proliferation Capacity and Expression of Cell Cycle Genes in Normal and Gestational Diabetes Affected WJMSCs"	International Journal of Physiotherapy	2022	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
29	Carvacrol Conjugated Zinc Oxide Nanoparticles as Prospective Agents against Clinically Isolated Carbapenem Resistant Acinetobacter Species	Medical Forum Monthly	2022	DR. AMBRINA KHATOON (Card #81607)	1	1.Muneeza Lodhi.2.DR. AMBRINA KHATOON.	1.Ziauddin University2.Ziauddin University
30	Salivary miRNA 18a-5p expression level in oral squamous cell carcinoma	Pakistan Journal of Medical & Health Sciences	2022	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
31	EXPRESSION OF CLEC3B IN ORAL SQUAMOUS CELL CARCINOMA AND ITS CORRELATION WITH CLINICOPATHOLOGICAL FEATURES	Pakistan Journal of Medical & Health Sciences	2022	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
32	ASSESSMENT OF PALATAL RUGAE MORPHOLOGY FOR GENDER IDENTIFICATION	International Journal of Pathology	2022	DR. SYEDA ZEHRA AHMAD (Card #81449)	1	1.Muneeza Lodhi.2.DR. SYEDA ZEHRA AHMAD.	1.Ziauddin University2.Ziauddin University
33	Isolation of Homogenous Population of Human Amniotic Epithelial Stems Cells	International Journal of Physiotherapy	2022	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
34	Co-Stimulatory Markers OX40 and OX40L in Blood and Saliva of Oral Squamous Cell Carcinoma: A Comparative Study	Pakistan Journal of Zoology	2022	DR. SYEDA ZEHRA AHMAD (Card #81449)	1	1.Muneeza Lodhi.2.DR. SYEDA ZEHRA AHMAD.	1.Ziauddin University2.Ziauddin University
35	Azithromycin as Potent Inhibitor of Cell Migration in Tumor Cell Line	Journal of Hunan University Natural Science	2022	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
36	Expression of CLEC3B in Oral Squamous Cell Carcinoma and its Association with Clinicopathological Features	Pakistan Journal of Medical & Health Sciences	2022	DR. SYEDA ZEHRA AHMAD (Card #81449)	1	1.Muneeza Lodhi.2.DR. SYEDA ZEHRA AHMAD.	1.Ziauddin University2.Ziauddin University
37	Prevalence of Caroticooclinoid Foramen and its Variations in Pakistani Population	Medical Forum Monthly	2022	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University
38	Association of Prostate Volume with International Prostatic Symptom Score	Journal of Rawalpindi Medical College	2022	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University
39	Detection of Abdominal Aortic diameter at the level of T12 vertebrae by using three Dimensional Multidetector Computed Tomography (MDCT) Angiography in subset of Karachi Population	Pakistan Journal of Medical & Health Sciences	2022	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University
40	Association of Serum Leptin with Gestational Diabetes Mellitus	Pakistan Journal of Medical & Health Sciences	2022	DR. SOHA HAQUE (Card #81440)	3	1.Shaima sultana Memon.2.Fizzah Ali.3.Saadia Saad.4.Zafar Iqbal.5.Uzma Iftikhar.6.DR. SOHA HAQUE.	1.Dow Medical college2.Liaquat National Medical and dental college3.Baqai Medical University4.Bhittai Medical and dental college5.United Medical and dental college6.Ziauddin University
41	Association of Bone Mineral Density Status with Ethnicity and Parity in females of Karachi	International Journal of Physiotherapy	2022	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University
42	Carvacrol conjugated zinc oxide nanoparticles as prospective agents against clinically isolated carbapenem resistant Acinetobacter species	Medical Forum Monthly	2022	DR. SOHA HAQUE (Card #81440)	1	1.Muneeza Lodhi.2.DR. SOHA HAQUE.	1.ZU2.Ziauddin University
43	Association of renal function by measuring glomerular filtration rate with renal dimensions in Pakistan: A Tertiary Care Center Study	Pakistan Journal of Medical & Health Sciences	2022	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University
44	Assessment of Olfactory Fossa Depth based on Keros Classification using Computerised tomography (Ct) in Age Groups of Both Genders	Journal of Rawalpindi Medical College	2022	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University

45	Hydro-dissection: An Effective Intra-Operative Technique for Difficult Laparoscopic Cholecystectomies	Pakistan Journal of Health Sciences	2022	DR.NADIA HAROON (Card #81075)	3	1.Dr. Aun Ali.2.Dr. Summaya.3.DR. JABBAR AHMED QURESHI.4.Dr. Muhammad Ahmed.5.Dr. Ammara Salam.6.DR.NADIA HAROON.	1.PAF Hospital2.Civil Hospital3.ZU4.PAF Hospital5.PAF Hospital6.Ziauddin University
46	Efficacy of Intravenous Ibuprofen Versus Intravenous Ketorolac in the Management of Post-Operative Pain after Abdominal Surgeries	Medical Forum Monthly	2022	DR.NADIA HAROON (Card #81075)	3	1.Aun Ali1.2.Ammara Salam.3. DR. JABBAR AHMED QURESHI.4.Mohammed Ahmed.5.Yousuf Ali Lakdawala.6.DR.NADIA HAROON.	1.PAF Hospital2.PAF Hospital3.ZU4.PAF Hospital5.PAF Hospital6.Ziauddin University
47	Formulation Development and evaluation of Propolis Mouthwash for Treatment of Periodontal disease	Journal of Xi'an Shiyu University	2022	DR. JABBAR AHMED QURESHI (Card #80780)	6	1.DR. JABBAR AHMED QURESHI.	1.Ziauddin University
48	Frequency of Fungal Nasal Polyposis and its Associated Risk Factors	Pakistan Journal of Medical & Health sciences	2022	DR.NADIA HAROON (Card #81075)	4	1.MUHAMMAD FAROOQ BHUTTA.2.ASHFAQ HUSSAIN.3.SALMAN BAIG2.4.NASIMA IQBAL.5.UROOJ ZAFAR5.6.DR.NADIA HAROON.	1.Shahida Islam Medical College2.Shahida Islam Medical College3.Hamdard University,4.Baqai Medical University5.Baqai Medical University6.Ziauddin University
49	Urinary Amylase as the First Line Diagnostic Tool for Acute Pancreatitis	Pakistan Journal of Medicine and Dentistry	2022	DR.NADIA HAROON (Card #81075)	1	1.Khurrum Baqai.2.Yasir Murtaza.3. Shahid Bilal.4.Ghazal Ishtiaq.5. Muhammad Aslam Bhatti.6.DR.NADIA HAROON.	1.ZU2.ZU3.Shahida Islam Medical College4.Baqai Medical University5.Shaheed Mohtarma Benazir Bhutto Medical College Lyari6.Ziauddin University
50	Pregnancy-Related Iron Deficiency Anemia And Its Association With Hba1c.	Journal of Pharmaceutical Negative Results	2022	DR. INAYATULLAH (Card #81020)	5	1.Dr Muhammad Wasif Saleem.2.DR. SHAZIA NADEEM.3.HUMASIF.4.DR. KEVIN JOSEPH JEROME BORGES.5.DR. SYED NUDRAT NAWAID.6.DR. INAYATULLAH.	1.-2.ZU3.ZU4.ZU5.ZU6.Ziauddin University
51	Kras Diagnosing the Little-Known Cancers Oncogene through Liquid Biopsy: Review	Pakistan Journal of Medicine and Dentistry	2022	SABRA (Card #81902)	5	1.SABRA.	1.Ziauddin University
52	Comparison between fistulotomy vs fistulotomy with marsupialization in simple low anal fistulae: A randomized control trial.	Pakistan Journal of Medicine and Health Sciences	2022	DR. JABBAR AHMED QURESHI (Card #80780)	1	1.DR. JABBAR AHMED QURESHI.	1.Ziauddin University
53	Human Immunodeficiency Virus (Hiv) And Its Association With Hematological Parameters.	Journal of Pharmaceutical Negative Results	2022	DR. INAYATULLAH (Card #81020)	2	1.Dr Muhammad Wasif Saleem.2.DR. SHAZIA NADEEM.3.Dr. Alina Atif.4.DR. SYED NUDRAT NAWAID.5.DR. KEVIN JOSEPH JEROME BORGES.6.DR. INAYATULLAH.	1.-2.ZU3.-4.ZU5.ZU6.Ziauddin University
54	Case Report "Inflammatory myofibroblastic tumor of the maxillary sinus: A case report"	Ear Nose and Throat Journal	2022	FARAH HAFIZ (Card #82253)	5	1.FARAH HAFIZ.	1.Ziauddin University
55	The Expression of Soluble C-Type Lectin-Like Receptor-2 (sCLEC-2) in Metabolic Syndrome	Medical Forum Monthly	2022	DR. SYEDA TEHREEM KANWAL (Card #81457)	1	1.Dr Zil-a-Rubab.2.DR.SYED ZARYAB AHMED.3.MOAZZAM ALI SHAHID.4.ALIYA IRSHAD SANI.5.DR. SYEDA TEHREEM KANWAL.	1.ZU2.ZU3.ZU4.ZU5.Ziauddin University

56	Hypertension and Its Predictors in a Squatter Settlement of Karachi	Pakistan Journal of Medicine and Dentistry	2022	DR. FATIMA JEHANGIR (Card #80430)	2	1.DR. FATIMA JEHANGIR.	1.Ziauddin University
57	Efficacy of Intravenous Ibuprofen versus Intravenous Ketorolac in the management of post-operative pain after abdominal surgeries	Med. Forum	2022	DR. JABBAR AHMED QURESHI (Card #80780)	4	1.DR. JABBAR AHMED QURESHI.	1.Ziauddin University
58	Laryngeal Embryonal Rhabdomyosarcoma: A rare adult neoplasm	Ear Nose and Throat Journal	2022	FARAH HAFIZ (Card #82253)	1	1.FARAH HAFIZ.	1.Ziauddin University
59	AKI and Its Relation with Outcome in Patients with COVID-19	Pakistan Journal of Medical & Health sciences	2022	DR. SHAZIA NADEEM (Card #80781)	4	1.DR. FAIZA NAFEEES KHAN.2.DR. QURAT UL AIN JIBRAN.3.DR. JAMIL MUQTADIR.4.SAD AF FATIMA .5.DR. SUMBUL NASIR MAHMOOD.6.DR. SHAZIA NADEEM.	1.ZU2.ZU3.NH4.JMDC 5.NH6.Ziauddin University
60	1.Zinc and hypoxic preconditioning: a strategy to enhance the functionality and therapeutic potential of bone marrow-derived mesenchymal stem cells.	Molecular and Cellular Biochemistry	2022	DR. BUSHRA WASIM KHAN (Card #80676)	1	1.DR. BUSHRA WASIM KHAN.	1.Ziauddin University
61	Diagnostic Value of Novel Presepsin and Inflammatory Biomarkers in Predicting the Clinical Course of COVID-19	Medical Bulletin Of Haseki	2022	DR. FARAZ AHMED BAIG (Card #80765)	2	1.DR. FARAZ AHMED BAIG.	1.Ziauddin University
62	Dengue Fever: A case series of severe complications and unusual manifestations	Rawal medical Journal	2022	MARIA ABID (Card #81958)	1	1.Kaleemullah Kakar .2.Mehreen Fatima .3.Arfeen Azam Khan .4.Kiran Abbas.5.DR.FASE EHA SOHAIL KHAN.6.MARIA ABID.	1.-2.-3.-4.-5.ZU6.Ziauddin University
63	Reasons behind not Attending Antenatal Care among Unbooked Patients Presenting at Abbasi Shaheed Hospital, Karachi	Annals of the Romanian Society for Cell Biology	2022	DR. OME KULSOOM (Card #81655)	4	1.Rahila Imtiaz.2.Zubaida Masood.3.Shabnam Nadeem .4.Rubina Izhar .5.Syed Hassan Ahmed Rizvi .6.Syed Hussain Ahmed Rizvi.7.DR. OME KULSOOM.	1.-2.-3.-4.-5.-6.-7.Ziauddin University
64	Immunohistochemical Analysis of Expression of Cyclin D1 in Different Grades of Oral Squamous Cell Carcinoma	Journal of Pharmaceutical Research International,	2022	DR. FARAZ AHMED BAIG (Card #80765)	4	1.DR. FARAZ AHMED BAIG.	1.Ziauddin University
65	Frequency of chronic Hepatitis B and Hepatitis C seropositivity in haemodialysis patients; A single center study.	Medical Forum Monthly	2022	DR. MUHAMMAD OWAIS ISMAIL (Card #80083)	1	1.DR.. FARAZ HASSAN MIRZA.2.DR. MUHAMMAD OWAIS ISMAIL.	1.Ziauddin University2.Ziauddin University
66	Spectrum of Accidental Poisoning in Children Presenting to Dr. Ziauddin Hospital Emergency Department	Pakistan Pediatric Journal	2022	MUHAMMAD IQBAL (Card #80439)		1.MUHAMMAD IQBAL.2.LUBNA KHAN.3.DR. FARHANA ZAFAR.	1.ZU2.ZU3.Ziauddin University
67	A Prognostic marker of Oral squamous cell carcinoma	Journal of Xi'an Shiyou University, Natural Science	2022	DR. FOUZIA (Card #80492)	2	1.DR. FOUZIA.	1.Ziauddin University
68	Assessment of 1 α -Hydroxylase in Vitamin D- Deficient Premenopausal Pakistani Females	Pakistan Journal of Medicine and Dentistry	2022	DR. BUSHRA WASIM KHAN (Card #80676)	1	1.DR. BUSHRA WASIM KHAN.	1.Ziauddin University
69	Frequency of chronic Hepatitis B and Hepatitis C seropositivity in haemodialysis patients; A single center study	Pak Armed Forces Med J	2022	DR. MUHAMMAD OWAIS ISMAIL (Card #80083)	1	1.DR.. FARAZ HASSAN MIRZA.2.DR. MUHAMMAD OWAIS ISMAIL.	1.Ziauddin University2.Ziauddin University
70	Antidepressant Fluvoxamine in Reducing COVID-19 Hospitalization	Pakistan Journal of Medicine and Dentistry	2022	DR. AKHTAR ALI (Card #81128)	3	1.DR. AKHTAR ALI.	1.Ziauddin University
71	Proliferation Capacity and Expression of Cell Cycle Genes in Normal and Gestational Diabetes Affected WJMSCs	Pakistan Journal of Zoology	2022	DR. MADEEHA SADIQ (Card #80687)	3	1.DR. BUSHRA WASIM KHAN.2.DR. TABINDA UROOJ.3.DR. MADEEHA SADIQ.	1.ZU2.ZU3.Ziauddin University

72	PREGNANCY-RELATED IRON DEFICIENCY ANEMIA AND ITS ASSOCIATION WITH HBA1C	Interational Journal of Pathology	2022	DR. SHAZIA NADEEM (Card #80781)	2	1.Muhammad Wasif Saleem,,2.HUMA ASIF.3.DR. KEVIN JOSEPH JEROME BORGES.4.DR. INAYATULLAH.5.D R. SYED NUDRAT NAWAID.6.DR. SHAZIA NADEEM.	1.Chandka Medical College, SMBBMU.2.ZU3.ZU4.ZU5.ZU6.Ziauddin University
73	Evaluation of Complications and Management of Chronic Suppurative Otitis Media: A Retrospective Study	Pakistan Journal of Medical & Health sciences	2022	ALI AKBER (Card #82076)	2	1.Mehwish Haqqad .2.Ashok Kumar.3.Sheikh Sajjad Ali .4.Deepak Rai .5.Naveed Ahmed.6.ALI AKBER.	1.Jinnah Post Graduate Medical Centre Karachi Pakistan.2.Suleman Roshan Medical College Tando Adam.3.Liaquat College of Medicine and Dentistry Karachi.4.Kutiayana Memon Hospital Karachi.5.Kutiayana Memon Hospital Karachi.6.Ziauddin University
74	Hydro-dissection: An Effective Intra-Operative Technique for Difficult Laparoscopic Cholecystectomies	PAKISTAN JOURNAL OF HEALTH SCIENCES	2022	DR. JABBAR AHMED QURESHI (Card #80780)	4	1.DR. JABBAR AHMED QURESHI.	1.ZU
75	Association of Bone Mineral Density Status with Ethnicity and Parity in females of Karachi.	Pakistan Journal of Medical & Health sciences	2022	DR. MADEEHA SADIQ (Card #80687)	1	1.DR. NUZHAT HASSAN.2.DR. MUBINA SOHAIL.3.DR. MADEEHA SADIQ.	1.ZU.2.ZU3.Ziauddin University
76	Detection of AAD at the level of T12 vertebrae by using three Dimensional (MDCT) Angiography in subset of Karachi Population.	Pakistan Journal of Medical & Health sciences	2022	DR. MADEEHA SADIQ (Card #80687)	4	1.DR. NUZHAT HASSAN.2.DR. MUBINA SOHAIL.3.DR. MADEEHA SADIQ.	1.ZU.2.ZU3.Ziauddin University
77	Association of Helicobacter Pylori Infection with Anemia: A Retrospective Study	Liaquat National Journal of Primary Care	2022	DR.FASEEHA SOHAIL KHAN (Card #80801)	2	1.Misbah Vaqar Patoli .2.Muhammad Fahad Zakir .3..Arfeen Azam Khan .4.DR. DARA JAMALI.5.DR. ARZU JADOON.6.DR.FA SEEHA SOHAIL KHAN.	1.-2.-3.-4.KH5.CH6.Ziauddin University
78	A Comparative Analysis of Wound Healing Potential, Cell Viability and Morphology of Normal and Gestational Diabetic Affected Wharton's Jelly Derived Mesenchymal Stem Cells	Pakistan Journal of Zoology	2022	DR. MADEEHA SADIQ (Card #80687)	1	1.DR. BUSHRA WASIM KHAN.2.DR. SHUMAILA USMAN.3.DR. TABINDA UROOJ.4.DR. MADEEHA SADIQ.	1.ZU.2.ZU3.ZU4.Ziauddin University
79	the Conjoint Effects of Cinnamon and Metformin on Anthropometric and Glycemic indices in Drug Naïve type II Diabetic Patients	Medical Forum Monthly	2022	DR. MUHAMMAD OWAIS ISMAIL (Card #80083)	1	1.DR.. FARAZ HASSAN MIRZA.2.DR. MUHAMMAD OWAIS ISMAIL	1.Ziauddin University.2.Ziauddin University
80	The Influence of Entrepreneurial Education on Post Graduate Students of Healthcare Management	Advances in Research	2022	DR. FARAH AZHAR (Card #81372)	2	1.Sadaf Anwar.2.Babris Gul.3.DR. FARAH AZHAR.	1.Indus Hospital.2. Stella Medical College.3.Ziauddin University
81	HUMAN IMMUNODEFICIENCY VIRUS (HIV) AND ITS ASSOCIATION WITH HEMATOLOGICAL PARAMETERS	Journal of Pharmaceutical Negative Results	2022	DR. SHAZIA NADEEM (Card #80781)	3	1.Muhammad Wasif Saleem,,2.DR. INAYATULLAH.3.A LINA ATIF.4.DR. SYED NUDRAT NAWAID.5.DR. KEVIN JOSEPH JEROME BORGES.6.DR. SHAZIA NADEEM.	1.Chandka Medical College, SMBBMU.2.ZU3.JMDC4.ZU5.ZU6.Ziauddin University
82	Risk Factors of Pulmonary Hemorrhage in Neonate	Pakistan Journal of Medical & Health sciences	2022	DR. FARHANA ZAFAR (Card #80439)	2	1.MUHAMMAD IQBAL.2.RABEAYA MUZZAMIL.3.DR. FARHANA ZAFAR.	1.ZU.2.ZU3.Ziauddin University

83	Association of Helicobacter Pylori Infection with Anemia: A Retrospective Study	Liaquat National Journal of Primary Care	2022	DR.FASEEHA SOHAIL KHAN (Card #80801)	1	1.Misbah Vaqar Patoli.2.Muhammad Fahad Zakir.3.Arfeen Azam Khan.4.DR. DARA JAMALI 5.DR. ARZU JADOON.6.DR.FA SEEHA SOHAIL KHAN.	1.Indus Hospital.2.LNH3.SUI4.KH5.CH6.Ziauddin University
84	Frequency of various histopathological types of prostatic diseases in a Tertiary Care Hospital at Karachi.	The Professional Medical Journal	2022	DR. SYEDA NAVEERA RAZA (Card #81462)	4	1.DR. SYEDA NAVEERA RAZA.2.Beenish Hussain Nomani.3.Mohiuddin Alamgir.4.Mobina Qayyum.5.Hira Faisal.6.Saman Nadeem.	1.ZU2.Hamdard University Dental Hospital, Karachi.3.Dow University of Health Sciences Karachi.4.Bahria University Medical and Dental College, Karachi.5.Bahria University of Medical & Dental College, Karachi.6.Jinnah Medical & Dental College, Karachi.
85	Induction of Labour at Term: Comparison of Prostaglandin E2 with Foley Catheter	Pakistan Journal of Medicine and Dentistry	2022	DR. OME KULSOOM (Card #81655)	3	1.. Mehreen Yousaf Rana.2.DR.HABIB A SHARAF ALI.3.Yasmeen .4.Rabel Gul.5.DR. OME KULSOOM.	1.-2.ZU3.-4.-5.Ziauddin University
86	Immune Status of Hepatitis B Virus among Vaccinated Hemodialysis Patients	Pakistan Journal of Medicine and Health Sciences	2022	DR.IMTIAZ BEGUM (Card #80199)	4	1.DR. SYED ALI RAZA.2.DR. SOHAIL HUSSAIN.3.DR. FAIZA NAFEEES KHAN.4.DR.IMTIAZ BEGUM.	1.NH2.NH3.ZU4.ZU
87	Comparison between Fistulotomy vs Fistulotomy with Marsupialization in Simple Low Anal Fistulae: A Randomized Control Trial	Pakistan Journal of Medical & Health sciences	2022	DR.NADIA HAROON (Card #81075)	2	1.BATOOL ZEHRA ASJAD.2.Shazia Khan.3.DR. JABBAR AHMED QURESHI.4.DR. KHURRAM BAQAI.5.DR. YASIR MURTAZA.6.DR.NADIA HAROON.	1.Hamdard University2.Liaquat National Hospital3.ZU4.CH5.CH6.Ziauddin University
88	Antiarthritic and anti-inflammatory activity of Solanum nigrum leaves extract on CFAinduced arthritic rat model. Journal of Xi'an Shiyu University	Journal of Xi'an Shiyu University, Natural Science Edition	2022	DR. MUHAMMAD OWAIS ISMAIL (Card #80083)	1	1.DR.. FARAZ HASSAN MIRZA.2.DR. MUHAMMAD OWAIS ISMAIL.	1.Ziauddin University2.Ziauddin University
89	Dengue Fever: A case series of severe complications and unusual manifestations	Rawal medical Journal	2022	DR.FASEEHA SOHAIL KHAN (Card #80801)	4	1.MARIA ABID.2.Kaleemullah Kakar.3.Mehreen Fatima.4.Arfeen Azam Khan.5.Kiran Abbas.6.DR.FASEEHA SOHAIL KHAN.	1.ZU2.-3.-4.-5.-6.Ziauddin University
90	Stress relievers of social distancing adopted by the general public in the Covid-19 pandemic.	Interational Journal of Pathology	2022	DR. FARAH AZHAR (Card #81372)	1	1.DR. FARAH AZHAR.2.DR. AFREEN BHATTY.3.DR. SYEDA TEHREEM KANWAL.4.Dr. Noor Israr.5.Dr. Sadia Arif.	1.ZU2.ZU3.ZU4.Baqai dental college5.Ziauddin University
91	Hormonal, and genetic risk factors for breast cancer in a subset of the Karachi population.	Journal of Taibah University Medical Sciences	2022	DR. FOUZIA (Card #80492)	1	1.DR. FOUZIA.	1.Ziauddin University
92	One Stage ERCP Plus Laparoscopic Cholecystectomy (Intra-Operative ERCP) Procedure versus Two Stage Approach (Pre-Operative ERCP Followed by Laparoscopic Cholecystectomy) for the Management of Symptomatic Cholelithiasis with Suspected CBD Stones	Jundishapur Journal of Microbiology	2022	DR.IMTIAZ BEGUM (Card #80199)	3	1.DR. S. M. QAMAR UL ARFIN.2.DR. SOHAIL HUSSAIN.3.DR.IMTIAZ BEGUM.4.Muhammad Kamran.5.DR. SYED ALI RAZA.	1.NH2.NH3.ZU4.Fazaia Ruth Pfau Medical College Karachi5.NH

93	Stress relievers of social distancing adopted by the general public in the Covid-19 pandemic.	Interational Journal of Pathology	2022	DR. SYEDA TEHREEM KANWAL (Card #81457)	3	1.DR. FARAH AZHAR.2.DR. AFREEN BHATTY.3.Dr Farah Ahmen.4.Dr Noor Israr.5.Dr Sadia Arif.6.DR. SYEDA TEHREEM KANWAL.	1.ZU2.ZU3.ZU4.Baqai University5.UMDC6.Ziauddin University
94	Hyperbilirubinemia has predictive potential for the diagnosis of appendiceal perforation.	Pakistan journal of medicine ad Health sciences	2022	DR. JABBAR AHMED QURESHI (Card #80780)	5	1.DR. JABBAR AHMED QURESHI.	1.Ziauddin University
95	Analysis of Risk Factors Related to Expression of Basement Membrane Protein NID1 in Females with Breast Cancer	Pakistan Journal of Zoology	2022	DR. BUSHRA WASIM KHAN (Card #80676)	2	1.DR. BUSHRA WASIM KHAN.	1.Ziauddin University
96	"Impact of Myo-Inositol on Ovary and Menstrual Cycle in Polycystic Ovarian Syndrome (PCOS) – A Therapeutic Approach"	Pakistan Journal of Medicine and Dentistry	2022	DR. OME KULSOOM (Card #81655)	3	1.DR ROZINA KHATOON.2.DR.H ABIBA SHARAF ALI.3.Mehreen Yousaf Rana.4.Monika Maheshwari.5.DR . OME KULSOOM.	1.KH2.ZU3.-4.-5.Ziauddin University
97	Combined accuracy of Procalcitonin and Quick Sequential Organ Failure Assessment (qSOFA) in predicting 3-days in-hospital mortality in suspected sepsis	International Journal of Endorsing Health Science Research	2022	DR.IMTIAZ BEGUM (Card #80199)	3	1.Tauseef Ali Memon.2.Saman Butt.3.DR.IMTIAZ BEGUM.4.Nawaf Dehrah.5.Noor Afsheen.6.Maryam Jamil.	1.ZU2.ZU3.ZU4.kuwait5.south city6.Lahore medical and dental college
98	Effectiveness of intravenous Magnesium sulphate in children presenting to the Emergency Department with Acute Exacerbation of Asthma	Pakistan Journal of Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
99	Assessment of Knowledge Towards Radiation Hazards and Protection Protocols Among Medical and Dental Students	Pakistan Journal of Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
100	Occurrence of severe cognitive impairment in elderly individuals with poor glycemic control Vs elderly individuals with good glycemic control or no DM: a case control study	Journal of Rawalpindi Medical College	2023	DR. AROOSA JAHAN ALTAF (Card #81666)	1	1.DR. AROOSA JAHAN ALTAF.	1.Ziauddin University
101	Bacteriological Profile and Antibiotic Susceptibility Pattern of Isolates in Neonatal Sepsis	Pakistan Journal of Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
102	Association of Paraphenylenediamine (PPD), with suicidal attempts in Pakistan- A cross-sectional study	Journal of Forensic and Legal Medicine	2023	DR. QUDSIA HASSAN (Card #80156)	1	1.DR. QUDSIA HASSAN.	1.Ziauddin University
103	Increasing Frequency of New Delhi Metallo-beta-Lactamase and Klebsiella pneumoniae Carbenemase Resistant Genes in a Set of Population of Karachi.	Journal of College of Physicians and Surgeons	2023	ALIYA IRSHAD SANI (Card #81380)	1	1.ALIYA IRSHAD SANI.	1.Ziauddin University
104	Clinico Demographic profile and outcome of neonates born to mothers with COVID-19 infection at a Tertiary Care Hospital	Journal of Liaquat University of Medical and Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
105	Necrotizing Enterocolitis in Preterm neonates:Prognostic factors and Outcome	Pakistan Journal of Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
106	Effectiveness of Mini-CEX as an Assessment Tool in Pediatric Postgraduate Residents Learning	Journal of Liaquat University of Medical and Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
107	Frequency and Risk Factors of Iron Deficiency Anemia in Children Below 10 Years at a Tertiary Care Hospital Pakistan	Journal of People University of Medical and Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
108	Association of Paraphenylenediamine (PPD), with suicidal attempts in Pakistan- A cross-sectional study	Journal of Forensic and Legal Medicine	2023	DR. MUHAMMAD IKRAM ALI (Card #81459)	1	1.DR. MUHAMMAD IKRAM ALI.2.AZRA Anwar.3.DR. QUDSIA HASSAN.4.Shahba s Haider.5.DR.MARVI MASOOD FAROOQUI.6.DR. SYED HASAN DANISH.	1.Ziauddin University2.ZU3.ZU4.-5.ZU6.ZU
109	Prevalence Outcome and Risk Factors Associated with Congenital Malformations in Neonates at a Tertiary Care Hospital-A Retrospective Study	Journal of People University of Medical and Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
110	Patterns of acute poisoning - Five year study from National Poison Control Centre, Karachi, Pakistan	Journal of Pakistan Medical Association	2023	DR. QUDSIA HASSAN (Card #80156)	1	1.DR. QUDSIA HASSAN.	1.Ziauddin University
111	Bacterial Spectrum and Associated Sociodemographic Factors in Pediatric Blood Stream Infections at Tertiary Care Hospital	Pakistan Journal of Medical & Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University

112	Assessment of Risk Factors in Children with Chronic Diarrhea and Weight Loss at a Tertiary Care Hospital	Journal of People University of Medical and Health Sciences	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
113	Bottle Feed Versus Mother Feed Children -Long Term Effects of infant Feeding on Cognitive Development and School Performance	Liaquat Medical Research Journal (LMRJ)	2023	DR. SHAISTA EHSAN (Card #80770)	1	1.DR. SHAISTA EHSAN.	1.Ziauddin University
114	Patterns of acute poisoning- Five year study from National Poison Control Centre, Karachi, Pakistan	International Journal of Physiotherapy	2023	DR. MUHAMMAD IKRAM ALI (Card #81459)	1	1.DR. MUHAMMAD IKRAM ALI.	1.Ziauddin University
115	Factors Influencing The Outcome Of Severe Pneumonia Among Children Having Age From 2 Months To 5 Years In A Tertiary Healthcare Hospital: Factors Influencing the Outcome of Severe Pneumonia.	Pakistan Journal of Health Sciences	2023	DR. FARHANA ZAFAR (Card #80439)	1	1.DR. FARHANA ZAFAR.	1.Ziauddin University
116	Clinico Demographic profile and outcome of neonates born to mothers with COVID-19 infection at a Tertiary Care Hospital.	Journal of Liaquat University of Medical and Health Sciences	2023	DR. FARHANA ZAFAR (Card #80439)	1	1.DR. FARHANA ZAFAR.	1.Ziauddin University
117	Co-stimulatory markers OX40 and OX40L in blood and saliva samples of oral squamous cell carcinoma: A comparison study	Pakistan Journal of Zoology	2023	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
118	Analysis of Common Somatic Mutations in Colorectal Carcinoma and Associated Dysregulated Pathways: somatic Mutations in colorectal carcinoma.	Journal of Ayub Medical College	2023	DR. AMBRINA KHATOON (Card #81607)	1	1.Muneeza Lodhi.2.DR. AMBRINA KHATOON.	1.Ziauddin University2.Ziauddin University
119	In Silico Analysis of Differentially Expressed Genes in Colorectal Carcinoma	Advancements in Life Sciences	2023	DR. AMBRINA KHATOON (Card #81607)	1	1.Muneeza Lodhi.2.DR. AMBRINA KHATOON.	1.Ziauddin University2.Ziauddin University
120	Overexpression Of B7-H4 And Its Co-Relation With Biological Behavior In Ovarian Tumors	Journal of Pharmaceutical Negative Results	2023	DR. MARVI RAZA (Card #81131)	1	1.Muneeza Lodhi.2.DR. MARVI RAZA.	1.Ziauddin University2.Ziauddin University
121	"Applications of Metformin in Dentistry – A Review"	Journal of Taibah University Medical Sciences	2023	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
122	2,4 -Dinitrophenol Trans-Differentiate NIH3T3 Cells into Insulin Producing β -Cells	Pakistan Journal of Zoology	2023	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
123	Costimulatory Molecules OX40 & OX40L upregulation in Oral squamous cell carcinoma: A blood-based study.	European Journal of dentistry	2023	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
124	Expression of Cartilage Oligomeric Matrix Protein in Primary Oral Submucous Fibrosis Cell line	Journal of Xi'an Shiyu University, Natural Sciences Edition	2023	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
125	CLEC3B, A Prognostic marker of Oral squamous cell carcinoma	Interational Journal of Pathology	2023	DR. SYEDA ZEHRA AHMAD (Card #81449)	1	1.Muneeza Lodhi.2.DR. SYEDA ZEHRA AHMAD.	1.Ziauddin University2.Ziauddin University
126	Outcome and Severity of COVID-19 in Vaccinated and Unvaccinated patients	Pakistan Journal of Medical & Health Sciences	2023	DR. AMBRINA KHATOON (Card #81607)	1	1.Muneeza Lodhi.2.DR. AMBRINA KHATOON.	1.Ziauddin University2.Ziauddin University
127	Association of Braden scale and subscale scores of patients with and without open wound pressure ulcers	International Journal of Health Sciences	2023	DR. MARVI RAZA (Card #81131)	1	1.Muneeza Lodhi.2.DR. MARVI RAZA.	1.Ziauddin University2.Ziauddin University
128	" Isolation and Culture of Primary Human Oral Buccal Fibroblasts"	International Journal of Physiotherapy	2023	DR. SHUMAILA USMAN (Card #81298)	1	1.Muneeza Lodhi.2.DR. SHUMAILA USMAN.	1.Ziauddin University2.Ziauddin University
129	Comparison of KRAS gene in circulating tumor DNA levels vs histological grading of colorectal cancer patients through liquid biopsy	The Saudi Journal of Gastroenterology	2023	DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI (Card #81224)	1	1.Muneeza Lodhi.2.DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI.	1.Ziauddin University2.Ziauddin University
130	Inflammatory markers and COVID-19 disease progression	Journal of Infection and Public Health	2023	DR. AMBRINA KHATOON (Card #81607)	1	1.Muneeza Lodhi.2.DR. AMBRINA KHATOON.	1.Ziauddin University2.Ziauddin University
131	Prevalence of blood groups and association with ailments in Pakistani population: A review of the current literature	Biosight Journal	2023	DR. AMBRINA KHATOON (Card #81607)	1	1.Muneeza Lodhi.2.DR. AMBRINA KHATOON.	1.ZU2.Ziauddin University
132	Evaluation of Clinical and histopathological diagnosis of Oral potentially malignant disorders.	Journal of Xi'an Shiyu University, Natural Science	2023	DR. SYEDA ZEHRA AHMAD (Card #81449)	1	1.Muneeza Lodhi.2.DR. SYEDA ZEHRA AHMAD.	1.Ziauddin University2.Ziauddin University
133	Functional Outcomes of Pectoralis Major Myocutaneous Flap for Reconstruction in Head and Neck Surgeries	Medical Forum Monthly	2023	DR. SYEDA ZEHRA AHMAD (Card #81449)	1	1.Muneeza Lodhi.2.DR. SYEDA ZEHRA AHMAD.	1.Ziauddin University2.Ziauddin University
134	ABO blood groups:a potential risk factor for coronary artery disease	Journal of Xi'an Shiyu University, Natural Sciences Edition	2023	DR. AMBRINA KHATOON (Card #81607)	1	1.Muneeza Lodhi.2.DR. AMBRINA KHATOON.	1.ZU2.Ziauddin University

135	In vitro activity of colistin and other agents against multidrug resistant Pseudomonas aeruginosa	Journal of Pharmaceutical Negative Results	2023	DR. SOHA HAQUE (Card #81440)	1	1.DR. MUNEEZA LODHI.2.DR. SOHA HAQUE.	1.ZU2.Ziauddin University
136	Variation In Internal Carotid Artery Protrusion And Dehiscence In A Subset Of Karachi Population	Journal of Rawalpindi Medical College	2023	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University
137	Analysis of Optic Nerve Types in Relation to Posterior Paranasal Sinuses: A Computed Tomographic (CT) Study	Annals of Abbasi Shaheed Hospital & Karachi Medical & Dental College	2023	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University
138	Protective Effect of Aqueous Neem Leaf Extract on Erythromycin Induced Histomorphological Changes on Hepatocytes of (Albino Wistar) Rats	Pakistan Journal of Life and Social Sciences	2023	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.ZU2.Ziauddin University
139	Correlation of Uroflowmetry with Prostate Volume and International Prostatic Symptom Score (IPSS)	Journal of Bahria University Medical and Dental College	2023	DR. MUBINA SOHAIL (Card #80680)	1	1.Muneeza Lodhi.2.DR. MUBINA SOHAIL.	1.Ziauddin University2.Ziauddin University
140	IN-VITRO ACTIVITY OF COLISTIN IN COMPARISON WITH OTHER ANTIBIOTICS AGAINST GRAM NEGATIVE BACTERIA	Journal of Xi'an Shiyu University, Natural Science	2023	DR. SOHA HAQUE (Card #81440)	2	1.DR. SOHA HAQUE.2.Yasmeen Fatima Zaidi.3.Shaima sultana memon.4.Safia Abidi.5.Rehana Saeed.6.Muhammad Atimudullah Khan.7.Sumreen Mujahid.	1.ZU2.Shaheed Mohtarma Benazir Bhutto Medical college3.Dow Medical College4.University of Karachi5.University of Karachi6.Liaquat National Hospital and medical college7.Baqai Medical University
141	Comparison of Sesamol and its Liposomal Nanocarrier in the Quest for Anti-Metastatic Agents in Colorectal Cancer Cell Line HT-29	Medical Forum Monthly	2023	DR. KAUSER MOIN MIRZA (Card #81140)	2	1.DR. KAUSER MOIN MIRZA.	1.Ziauddin University
142	Assessment of Awareness and Approach Regarding Antibiotic Prescription and Resistance among Different Level of Dental Students in a Tertiary Care Dental College, Karachi	Journal of Pakistan Dental Association	2023	DR. KAUSER MOIN MIRZA (Card #81140)	3	1.DR. KAUSER MOIN MIRZA.	1.Ziauddin University
143	"Comparative Analysis of Photoplethysmography Signal Quality from Right and Left Index Fingers"	Traitement du Signal	2023	DR. FARHANA ZAFAR (Card #80439)	5	1.DR. FARHANA ZAFAR.	1.ZU
144	FACTORS LEADING TO TRANSIENT TACHYPNEA OF NEWBORN (TTN) IN BABIES, DELIVERED BY SPONTANEOUS VAGINAL DELIVERY AT TERTIARY CARE HOSPITAL KARACHI	Biological and Clinical Sciences Research journal	2023	DR. FARHANA ZAFAR (Card #80439)	2	1.DR. FARHANA ZAFAR.	1.ZU
145	Analysis of Exhumations Carried Out in Three Divisions of Sindh	Pakistan Journal of Medical & Health sciences	2023	DR. SHAZIA NADEEM (Card #80781)	5	1.Muhammad Wasif Saleem.,2.DOLAT SINGH.3.TAQIA FAUZIA.4.AZHAR RASHID.5.SHOMA ILA AMEER ALAM5.6.DR. SHAZIA NADEEM.	1.Chandka Medical College, SMBBMU.2.ndus Medical College Tando Muhammad Khan3.Pathology, SMBBMU, Lyari4.Department of Stereotactic Radiosurgery/ Radiation Oncology, Neurospinal & Cancer Care Institute (NCCI), Karachi5.Pathology, Mekran Medical College6.Ziauddin University
146	Efficacy Of Sofosbuvir In Combination with Daclatasvir For The Treatment Of Hepatitis C Genotype 3A Patients In A Tertiary Care Center In Pakistan	Journal of Population Therapeutics and Clinical Pharmacology	2023	DR.IMTIAZ BEGUM (Card #80199)	3	1.DR. SOHAIL HUSSAIN.2.DR. S. M. QAMAR UL ARFIN.3.DR.IMTIAZ BEGUM.4.DR. SYED ALI RAZA.	1.NH2.NH3.ZU4.NH
147	Costimulatory Molecules OX40 and OX40L Upregulation in Oral Squamous Cell Carcinoma: A Blood-Based Study	European Journal of dentistry	2023	DR.SYED ZARYAB AHMED (Card #80325)	4	1.DR.SYED ZARYAB AHMED.	1.ZU
148	Analyzing The Occurrence Of The Various Types Of Optic Nerve Classification Based On DeLano's System In Gender On Both Sides	Medical Forum Monthly	2023	DR. MUBINA SOHAIL (Card #80680)	1	1.DR. MUBINA SOHAIL.	1.Ziauddin University
149	Angiotensin-converting enzyme 2 (ACE2) polymorphisms and susceptibility of severe SARS-CoV-2 in a subset of Pakistani population.	Virology Journal	2023	DR. FOUZIA (Card #80492)	4	1.DR. FOUZIA.	1.Ziauddin University
150	DETECTION OF IN-VITRO ANTIBACTERIAL ACTIVITY OF TINOSPORA CARDIFOLIA AND SOLANUM NIGRUM LEAF EXTRACT AGAINST MULTI DRUG RESISTANT ESCHERICHIA COLI	Medical forum	2023	DR. JABBAR AHMED QURESHI (Card #80780)	4	1.DR. JABBAR AHMED QURESHI.	1.Ziauddin University
151	Analyzing the Occurrence of the Various Types of Optic Nerve Classification Based on DeLano's System in Gender on Both Sides	Medical Forum Monthly	2023	DR. MADEEHA SADIQ (Card #80687)	4	1.DR. NUZHAT HASSAN.2.DR. MUBINA SOHAIL.3.DR. MADEEHA SADIQ.	1.ZU2.ZU3.Ziauddin University
152	Deciphering the Link Between Chewing Habits and Microrna 21 Dysregulation in Oral Squamous Cell Carcinoma: A Potential Cancerous Blend	Biomedical & Pharmacology Journal	2023	DR. SHAMIM MUSHTAQ (Card #80739)	4	1.DR. SHAMIM MUSHTAQ.	1.Ziauddin University

153	Angiotensin converting enzyme (I/D) and aldosterone synthase (-344T/C) gene polymorphisms as risks of coronary artery disease	International Journal of Clinical Medicine	2023	DR. SHAMIM MUSHTAQ (Card #80739)	2	1.DR. SHAMIM MUSHTAQ.	1.Ziauddin University
154	Pitfalls in machine learning-based assessment of tumor-infiltrating lymphocytes in breast cancer: a report of the international immuno-oncology biomarker working group	Journal of Pathology	2023	DR. SHAMIM MUSHTAQ (Card #80739)	20	1.DR. SHAMIM MUSHTAQ.	1.Ziauddin University
155	PREVALENCE OF POLYCYSTIC OVARIAN SYNDROME, ITS ASSOCIATED CONDITIONS AND COMPLICATIONS: AN EXPERIENCE FROM A LOW SOCIO-ECONOMIC POPULATION OF SIKANDRABAD, KARACHI, PAKISTAN	Journal of Gandhara Medical and Dental Sciences	2023	DR. FATIMA JEHANGIR (Card #80430)	2	1.DR. FATIMA JEHANGIR.	1.Ziauddin University
156	Use in Inpatient and Outpatient Departments: A Post-Marketing Surveillance Investigation.	Pakistan Journal of Health Sciences	2023	DR. SYED HASAN DANISH (Card #80630)	2	1.DR. SYED HASAN DANISH.	1.Ziauddin University
157	Comparison of Sesamol and its Liposomal Nanocarrier in the Quest for Anti-Metastatic Agents in Colorectal Cancer Cell Line HT-29	Medical Forum Monthly	2023	DR. MUHAMMAD OWAIS ISMAIL (Card #80083)	1	1.DR ASAD JALIL. 2.DR. MUHAMMAD OWAIS ISMAIL.	1.Ziauddin University 2.Ziauddin University
158	Awareness and Attitudes towards Influenza and Influenza Vaccination among Healthcare Professionals in Pakistan	Pakistan Journal of Medical & Health sciences	2023	DR. SYED HASAN DANISH (Card #80630)	3	1.DR.FARAH SALEEM. 2.DR. SYED HASAN DANISH.	1.ZU2.Ziauddin University
159	Post COVID-19 Syndrome: Assessment of Short- and Long-Term Post-Recovery Manifestations Among Pakistani Community	Pakistan Journal of Medicine and Dentistry	2023	DR. FATIMA JEHANGIR (Card #80430)	2	1.DR. FATIMA JEHANGIR.	1.Ziauddin University
160	Outcome and Severity of COVID-19 in Vaccinated and Unvaccinated patients	Pakistan Journal of Medical & Health sciences	2023	DR. SYEDA NAVEERA RAZA (Card #81462)	1	1.DR. AMBRINA KHATOON. 2.DR. NIDA HUSSAIN. 3.DR. SYEDA NAVEERA RAZA. 4.DR. SANTOSH KUMAR SIDHWANI.	1.ZU2.ZU3.ZU4.MAKRAN MEDICAL COLLEGE
161	Steroid use and outcome of COVID-19 in the subset of the Pakistani population.	Journal of Xi'an Shiyu University, Natural Science	2023	DR. FOUZIA (Card #80492)	4	1.DR. FOUZIA.	1.Ziauddin University
162	Psychosocial working conditions and Burnout among Healthcare Professionals in a Tertiary Care Hospital of Karachi Pakistan	International Journal of Endorsing Health Science Research	2023	DR. SYED HASAN DANISH (Card #80630)	3	1.Farah Ahmad. 2.DR. SYED HASAN DANISH.	1.Ziauddin University 2.Ziauddin University
163	Relationship Between Lifestyle and Oral Health	Biological and Clinical Sciences Research journal	2023	DR. SHAZIA NADEEM (Card #80781)	1	1.Mozaffer Rahim Hingorjo . 2.SHAHID . 3.GHANI R. 4.RASHID MN. 5., BUTT F. 6.DR. SHAZIA NADEEM.	1.Dow Medical College, 2.Dow Medical College, 3. Jinnah Medical & Dental College, Sohail University, 4.Shaheed Mohtarma Benazir Bhutto, Medical College, 5.Dow University of Health Sciences, 6.Ziauddin University
164	Association of Iron Deficiency with Electronic Gaming Addiction and Low Health Influencing School Performance	Pakistan Journal of Medicine and Dentistry	2023	DR. FATIMA JEHANGIR (Card #80430)	2	1.DR. FATIMA JEHANGIR.	1.Ziauddin University
165	Inflammatory Markers and COVID-19 disease progression.	J Infect Public Health	2023	DR. FOUZIA (Card #80492)	4	1.DR. FOUZIA.	1.Ziauddin University
166	Factors Influencing The Outcome Of Severe Pneumonia Among Children Having Age From 2 Months To 5 Years In A Tertiary Healthcare Hospital	Pakistan Journal of Health Sciences	2023	DR. FARHANA ZAFAR (Card #80439)	2	1.DR. FARHANA ZAFAR. 2.MUHAMMAD IQBAL.	1.ZU2.ZU
167	Comparison of KRAS Gene in circulating tumor DNA levels vs histological grading of Colorectal Cancer patients through Liquid Biopsy	The Saudi Journal of Gastroenterology	2023	DR. AFREEN BHATTY (Card #81154)	4	1.SAEEDA BAIG. 2.DR. AFREEN BHATTY. 3.DR. HAFIZ SYED MUHAMMAD OSAMA JAFRI. 4.DR. SHAMIM MUSHTAQ.	1.ZU2.ZU3.ZU4.ZU
168	Ultrasound Findings in Adult Patients with Chronic Shoulder Pain Having No History of Trauma	Journal of Liaquat University of Medical and Health Sciences	2023	TALAT YASMEEN (Card #81886)		1.TALAT YASMEEN.	1.ZU
169	Comparison of Goniometric and Radiographic Measurement of Elbow's Carrying Angle in Adult Pakistani Population	Pakistan Journal of Medical Research	2023	TALAT YASMEEN (Card #81886)	6	1.TALAT YASMEEN.	1.ZU
170	Diagnostic Accuracy of d-dimer Test In Diagnosing Pulmonary Embolism In Emergency Department	HIV Nursing	2023	DR. INAYAT ALI KHAN (Card #80199)	2	1.DR.IMTIAZ BEGUM. 2.Muhammed Umair. 3.Kamran Uqaili. 4.Kamil Ziad Rajper. 5.Abdul Sami Jatoi . 6.DR. INAYAT ALI KHAN.	1.ZU2.LCMD3.NH4.GIMS5.NH6.NH
171	Comparative Effects of Atorvastatin and its Liposomal Preparation in Impeding the Migratory Potential of Colorectal Cancer Cell Line HT-29.	Medical Forum Monthly	2023	DR. MUHAMMAD OWAIS ISMAIL (Card #80083)	3	1.DR. MUHAMMAD OWAIS ISMAIL.	1.Ziauddin University

172	"Obstetrical Hysterectomy In Scarred Uterus Versus Unscarred Uterus At Tertiary Care Hospital"	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2023	DR. OME KULSOOM (Card #81655)	3	1.Rahila Imtiaz.2.Sagheera Anjum Munaver.3.Tahira Ramzan.4.Syed Hassan Ahmed Rizvi .5.Syed Hussain Ahmed Rizvi.6.DR. OME KULSOOM.	1.-2.-3.-4.-5.-6.Ziauddin University
173	Barriers to Entrepreneurship in healthcare organizations in Pakistan	Interational Journal of Pathology	2023	DR. SYED HASAN DANISH (Card #80630)	4	1.DR. SYED HASAN DANISH.	1.Ziauddin University
174	Occurrence of severe cognitive impairment in elderly individuals with poor glycemic control Vs elderly individuals with good glycemic control or no DM: a case control study"	Journal of Rawalpindi Medical College	2023	DR. FATIMA JEHANGIR (Card #80430)	2	1.DR. FATIMA JEHANGIR.	1.Ziauddin University
175	The obesity paradox - Is BMI associated with advanced stage in oral cancer?	Pakistan Journal of Medical & Health sciences	2023	DR. NAJIA TABASSUM (Card #80772)	4	1.DR. NAJIA TABASSUM.	1.Ziauddin University
176	redictive Performance of the National Early Warning Score 2 for Stratification of Critically Ill COVID-19 Patients.	Eurasian Journal of Emergency Medicine	2023	DR. FARAZ AHMED BAIG (Card #80765)	1	1.DR. FARAZ AHMED BAIG.	1.Ziauddin University
177	Spatial analyses of immune cell infiltration in cancer: current methods and future directions. A report of the International Immuno-Oncology Biomarker Working Group on Breast Cancer	Journal of Pathology	2023	DR. SHAMIM MUSHTAQ (Card #80739)	1	1.DR. SHAMIM MUSHTAQ.	1.Ziauddin University
178	A Prospective Study Comparing Diagnosis of Neck Swellings by Fine Needle Aspiration Cytology with Histopathology	Pakistan Journal of Medical & Health sciences	2023	DR. SHAZIA NADEEM (Card #80781)	2	1.Muhammad Wasif Saleem.,2.AZHAR RASHID.3.DOLAT SINGH.4.SHOMAILA AMEER ALAM5.5.TAQIA FAUZIA.6.DR. SHAZIA NADEEM.	1.Chandka Medical College, SMBBMU.2.Department of Stereotactic Radiosurgery/ Radiation Oncology, Neurospinal & Cancer Care Institute (NCCI), Karachi3.Indus Medical College Tando Muhammad Khan4.Pathology, Mekran Medical College5.Pathology, SMBBMU, Lyari6.Ziauddin University
179	Frequency And Determinants Of Chronic Lower Back Pain Among Patients Presenting To Primary Care Clinics In Pakistan: A Cross-Sectional Analysis	Journal of Rawalpindi Medical College	2023	DR. FATIMA JEHANGIR (Card #80430)	2	1.DR. FATIMA JEHANGIR.	1.Ziauddin University
180	Safety and Efficacy of Direct acting antiviral agents in chronic hepatitis C infected hemodialysis dependent patients: a single center Cross-sectional Study	Journal of Population Therapeutics and Clinical Pharmacology	2023	DR.IMTIAZ BEGUM (Card #80199)	6	1.Muhammad Kamran.2.DR. SUMBUL NASIR MAHMOOD.3.DR. SOHAIL HUSSAIN.4.DR. FAIZA NAFEEES KHAN.5.DR. S. M. QAMAR UL ARFIN.6.DR.IMTIAZ BEGUM.	1.Ruth Pfau2.NH3.NH4.ZU5.NH6.ZU
181	Cathepsin-K inhibition enhances anti-cancerous activity within oral squamous cell carcinoma cells: Unclouking the potency of new K21 formulation	Experimental Cell Research	2023	DR. SYED NUDRAT NAWAID (Card #80505)	4	1.DR. REHAN IMAD.2.DR. SYED NUDRAT NAWAID.	1.ZU2.Ziauddin University
182	Impact of Different Regimes in Treatment of Diabetic Ketoacidosis and Outcome of Liver Function Test	Medical Forum Monthly	2023	DR.FASEEHA SOHAIL KHAN (Card #80801)	3	1.Muhammad Wajahatullah .2.DR. INAYAT ALI KHAN.3.DR. ERUM SOOMRO.4.DR AAKASH.5.Mariyam Sikandar.6.DR.FA SEEHA SOHAIL KHAN.	1.-2.NH3.NH4.KH5.-6.Ziauddin University
183	Overexpression of B7-H4 And Its Co-Relation with Biological Behavior In Ovarian Tumors.	Journal of Pharmaceutical Negative Results	2023	DR. FOUZIA (Card #80492)	2	1.DR. FOUZIA.	1.Ziauddin University
184	Frequencies of Several Histopathological Varieties of Prostatic Diseases in a Tertiary Care Hospital at Larkana	Med. Forum	2023	DR. SHAZIA NADEEM (Card #80781)	2	1.Muhammad Wasif Saleem.,2.Taqia Fauzia.3.Maryam Zulfiqar.4.Bushra Anam Ali.5.Muhammad Ali Memon6.6.DR. SHAZIA NADEEM.	1.Chandka Medical College, SMBBMU.2.Shaheed Mohtarma Benazir Bhutto Medical College, Lyari.3.HBS Medical & Dental College, Islamabad4.Fazaia Medical College, Islamabad5.Indus Medical College, Tando Muhammad Khan.6.Ziauddin University
185	Factors influencing readiness of patients for the use of exogenous insulin for the management of type 2 diabetes mellitus.	The Professional Medical Journal	2023	DR. JAWED HABIB (Card #81297)	3	1.DR. JAWED HABIB.	1.Ziauddin University

186	Frequency of microalbuminuria and its relation to HbA1C in type 2 Diabetes mellitus patients.	The Professional Medical Journal	2023	DR. JAWED HABIB (Card #81297)	3	1.DR. JAWED HABIB.	1.Ziauddin University
187	Clinico-demographic profile and outcome of neonates born to mothers with COVID-19 infection at a Tertiary Care Hospital	Journal of Liaquat University of Medical and Health Sciences	2023	DR. FARHANA ZAFAR (Card #80439)	1	1.DR. FARHANA ZAFAR.2.DR. SHAISTA EHSAN.3.DR. BINA FAWAD.	1.ZU2.ZU3.ZU
188	Ogilvie syndrome secondary due to underlying hypokalemia and anticholinergics: Case report and brief review of the literature.	Journal of Pakistan Medical Association	2023	DR.UZMA GHORI (Card #80216)	3	1.DR.UZMA GHORI.	1.Ziauddin University
189	"Knowledge and attitude towards COVID 19 vaccine among health care workers; A cross sectional study from Karachi, Pakistan "	Rawal medical Journal	2023	BILQUEES SABA (Card #81954)	6	1.Muhammad Kashif Syed .2.Darshan Kumar .3.Gul Anum.4.Zunaira Nawaz .5.Rashid Qadeer.6.BILQUEES SABA.	1.Dr. Ruth K. M. Pfau2.Civil Hospital3.Civil Hospital4.Dow University Health Sciences,5.Dow University Health Sciences,6.Ziauddin University
190	Impact of COVID-19 Pandemic on Routine Vaccination Coverage among Children of Age 15 to 23 Months in Lahore, Punjab, Pakistan	Interational Journal of Pathology	2023	DR. SYED HASAN DANISH (Card #80630)	2	1.DR.FARAH SALEEM.2.DR. SYED HASAN DANISH.	1.ZU2.Ziauddin University
191	Knowledge and Attitudes towards Complementary and Alternative Medicine in Population of Karachi-Pakistan Post COVID-19	Journal of Xi'an shiyou University	2023	DR. JABBAR AHMED QURESHI (Card #80780)	3	1.DR. JABBAR AHMED QURESHI.	1.Ziauddin University
192	Comparison of KRAS gene in circulating tumor DNA levels vs histological grading of colorectal cancer patients through liquid biopsy	The Saudi Journal of Gastroenterology	2023	DR. SHAMIM MUSHTAQ (Card #80739)	2	1.DR. SHAMIM MUSHTAQ.	1.Ziauddin University
193	Revisiting Tonsillectomy Practices in the Light of the COVID-19 Pandemic	Pakistan Journal of Medicine and Dentistry	2023	FARAH HAFIZ (Card #82253)	1	1.FARAH HAFIZ.	1.Ziauddin University
194	Multidrug Resistant- Escherichia Coli — Use of Plant Extracts as Alternative Treatment in Urinary Tract Infection	Medical Forum Monthly	2023	DR. MUHAMMAD OWAIS ISMAIL (Card #80083)	3	1.DR. MUHAMMAD OWAIS ISMAIL.	1.Ziauddin University
195	Applications of Metformin in DentistryA review	Journal of Taibah University Medical Sciences	2023	BILQUEES SABA (Card #81954)	7	1.Muhammad Khawaja Hammad Uddin .2.Muhammad Shahrukh Khan Sadiq .3.Ashfaq Ahmed.4.Mariam Khan .5.Tooba Maniar .6.Syeda Mamoona Mateen .7.Syed Muhammad Kashif .8.Shumaila Usman .9.Shariq Najeeb .10.Zohaib Khurshid .11.Muhammad Sohail Zafar .12.BILQUEES SABA.	1. Dr. Ishrat-ul-Ebad Khan Institute of Oral Health Sciences, Dow University of Health Sciences2.Bahria University Dental College, Bahria University Health Sciences Campus3. Dr. Ishrat-ul-Ebad Khan Institute of Oral Health Sciences, Dow University of Health Sciences4. Dr. Ishrat-ul-Ebad Khan Institute of Oral Health Sciences, Dow University of Health Sciences5. Dr. Ishrat-ul-Ebad Khan Institute of Oral Health Sciences, Dow University of Health Sciences6.Dr Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences7.Dow University of Health Sciences8.Ziauddin University9.dEvidentia Dental Outcomes Research10.King Faisal University11.Taibah University12.Ziauddin University
196	Detection of In-Vitro Antibacterial Activity of Tinospora Cordifolia and Solanum Nigrum Leaf Extracts against Multidrug Resistant- Escherichia Coli.	Medical Forum Monthly	2023	DR. MUHAMMAD OWAIS ISMAIL (Card #80083)	2	1.DR. MUHAMMAD OWAIS ISMAIL.	1.Ziauddin University
197	Multimorbidity and Quality of Life among Geriatric Population of Karachi Pakistan	Pakistan Journal of Medical & Health sciences	2023	DR. SYED HASAN DANISH (Card #80630)	1	1.DR.FARAH SALEEM.2.DR. SYED HASAN DANISH.	1.ZU2.Ziauddin University
198	Factors influencing readiness of patients for the use of exogenous insulin for the management of type 2 diabetes mellitus.	The Professional Medical Journal	2023	DR.MUHAMMAD YASEEN USMAN (Card #80057)	1	1.DR.MUHAMMAD YASEEN USMAN.	1.Ziauddin University
199	Frequency of Benign and Malignant Breast Growth Among Women of Different Age Groups in Larkana Population	Interational Journal of Pathology	2023	DR. SHAZIA NADEEM (Card #80781)	4	1.Taqia Fauzia.2.Muhammad Wasif Saleem.,3.Maryam Zulfiqar.4.Muhammad Ali Memon.5.Bushra Anam Ali.6.DR. SHAZIA NADEEM.	1.Shaheed Mohtarma Benazir Bhutto Medical College, Lyari.2.Chandka Medical College, SMBBMU.3.HBS Medical & Dental College, Islamabad4.Indus Medical College, Tando Muhammad Khan.5.Fazaia Medical College, Islamabad6.Ziauddin University
200	Periodontal status of Tuberculosis patients-Interlinked with each other	Pakistan Journal of Medical & Health sciences	2023	DR. SYED HASAN DANISH (Card #80630)	3	1.DR.FARAH SALEEM.2.DR. SYED HASAN DANISH.	1.ZU2.Ziauddin University

201	Responses of β -thalassemia and compound heterozygote of Sickle/B θ thalassemia of BCL11A Gene Polymorphism in Pakistani Patients	Pakistan Journal of Medical Sciences	2023	DR. SYED HASAN DANISH (Card #80630)	4	1.DR. SYED HASAN DANISH.	1.Ziauddin University
202	. Association of Paraphenylenediamine (PPD) with suicidal attempts in Pakistan - A cross-sectional study	Journal of Forensic and Legal Medicine	2023	DR. SYED HASAN DANISH (Card #80630)	6	1.DR. MUHAMMAD IKRAM ALI.2.DR. SYED HASAN DANISH.	1.ZU2.Ziauddin University
203	Under Five Girls Found More Prone to Protein Energy Malnutrition Compared to Boys: A Squatter Settlement Study from Karachi	Pakistan Journal of Medicine and Dentistry	2023	DR. FATIMA JEHANGIR (Card #80430)	2	1.DR. FATIMA JEHANGIR.	1.Ziauddin University
204	Frequency of H. Pylori Infection among Dyspeptic Patients and Correlation with Histopathological Evaluation	Medical Forum Monthly	2023	DR.IMTIAZ BEGUM (Card #80199)	3	1.DR. S. M. QAMAR UL ARFIN.2.DR. SOHAIL HUSSAIN.3.DR.IMTIAZ BEGUM.4.DR. SYED ALI RAZA.	1.NH2.NH3.ZU4.NH

PROJECTS AND GRANTS

(iv) Research Proposals Approved for funding (from non HEC source - National or International)							
Details of Research Proposals Approved for funding. Please add as many rows as per need.							
SN	Name of Research Grant	National or International	Name of PI with Designation and Department	Thematic Area	Title of Research Proposal	Duration (Starting and Ending Date)	Total Funding Approved (Rs.)
1	Pakistan Science Foundation	National or International	Dr Shamim Mushtaq, Professor, Department of Biochemistry	Covid 19	Comprehensive mapping of adaptive immune response among vaccinated and non vaccinated covid 19 infected patients	3 years	Rs 420900
(v) Volume of Contract Research Awarded by Industry or Government Organization (National or International)							
Details of Volume (in PKR) of Contract Research Awarded during the year funded from National / International Funding Agencies. Please add as many rows as per need.							
SN	Thematic Areas and Title of Research Proposal	Name of PI with Designation, Department	Name of Co-PI with Designation, Department & University (if other than parent HEI)	Sponsoring Agency Name and Address & Country	National / International	Counterpart from industry (address with country)	Duration (Starting and Ending Date)
1		International	Dr Adnan Abdul Jabbar, Professor of Medical Oncology	Clinical Trial HER 2 positive Breast cancer	A double Blind randomised clinical study of the efficacy and safety of BCD-179 and Perjeta as neoadjuvant therapy of HER2 positive breast cancer		\$ 390000 USD
2		International	Dr Nida Hussain, Professor of Internal Medicine	Clinical trial on Covid 19 Patients	A phase III randomised, double blind, placebo controlled study to evaluate the efficacy and safety of Bemifosbuvir in high risk outpatients with COVID 19		\$69721 USD
3		International	Dr Zaigham Abbas, Professor of Gastroenterology	Clinical trial on Chronic Hepatitis Delta virus infection	Multicenter, randomized controlled open labelled phase IIb study to assess the efficacy and safety of H4-008 injection in subjects with chronic Hepatitis Delta virus infection		\$350000 USD
4		International	Dr Osama Rehman Khalid, Assistant Professor of Infectious diseases	Clinical Trial on Rabies vaccines	A phase III, randomized comparative controlled, double blind, multicenter study to evaluate the immunogenicity, safety and lot to lot consistency of three lots of a P1KA Rabies vaccine (Vero cell) for human use, freeze dried in healthy adults using a post exposure prophylaxis schedule		\$ 375000 USD

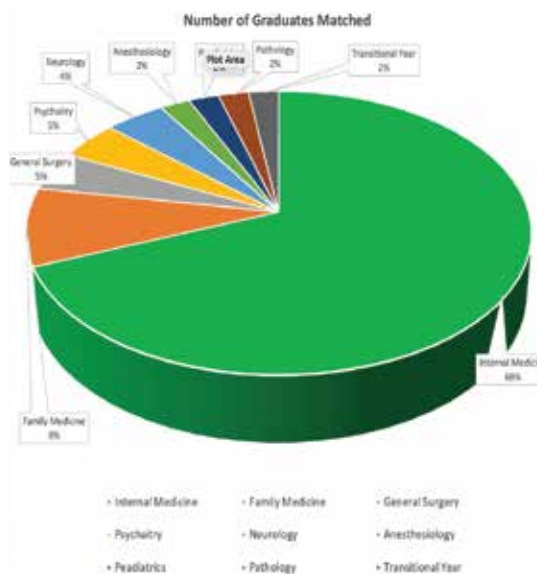
ZIAUDDIN UNIVERSITY US RESIDENCY MATCH CYCLE 2023

OVERVIEW OF SUCCESSFUL GRADUATES

In the US Residency Match Cycle for 2023, 45 MBBS graduates of Ziauddin Medical College successfully matched into various residency programmes across the United States, representing a match rate of approximately 56.25% from a total of 80 applicants. The specialties into which these graduates matched varied, highlighting a diverse interest and expertise within the cohort. The majority matched in Internal Medicine, with 31 graduates securing positions. Other specialties included Family Medicine with 4 matches, General Surgery, Psychiatry, and Neurology each with 2 matches, and Anesthesiology, Pediatrics, Pathology, and Transitional Year each securing 1 match. This diverse distribution across specialties not only demonstrates the comprehensive training provided by Ziauddin Medical College but also its graduates' adaptability to different medical fields, catering to a broad spectrum of healthcare needs.



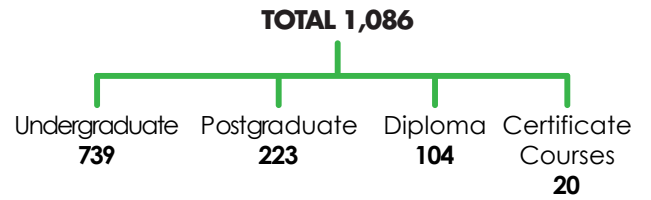
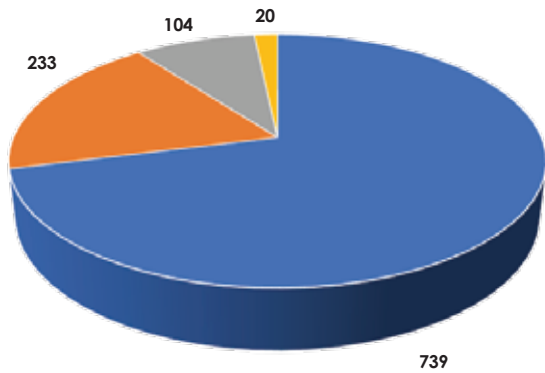
Speciality	Number of Graduates Match	Percentage
Internal Medicine	31	69
Family Medicine	4	9
General Surgery	2	4
Psychiatry	2	4
Neurology	2	4
Anesthesiology	1	2
Pediatrics	1	2
Pathology	1	2
Transitional Year	1	2
Total Number of Graduates	45	100



OFFERED PROGRAMMES

- Bachelor of Medicine Bachelor of Surgery (MBBS)
- MS Programme
- MPhil In BHS
- Diploma
- Certificate Course In Ultrasonography
- MCPS
- MD Programme
- FCPS II Training
- PhD In BHS
- Certificate Course In Health Professional Education (CHPE)
- Online Certification Course in Family Medicine
- MRCOG II Training

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



TOTAL FACULTY MEMBERS

- PROFESSORS 50
- ASSOCIATE PROFESSORS 30
- ASSISTANT PROFESSORS 74
- SENIOR REGISTRARS 20
- REGISTRARS 2
- LECTURERS 60





DEPARTMENT OF
RESEARCH
&
MOLECULAR
MEDICINE

RESEARCH ACTIVITIES

International Representation of Innovative Research of ZU

Poster Presentation at the University of Sharjah

Dr. Shumaila Usman, an Associate Professor from the Department of Molecular Medicine at Ziauddin University, presented her research at the 4th Forum for Women in Research held at University of Sharjah.



Oral Presentation at IDF-WPR Congress, Japan

Dr. Abdul Hameed, an Associate Professor from the Department of Molecular Medicine at Ziauddin University, delivered two captivating talks at the prestigious IDF-WPR Congress 2023/15th Scientific Meeting in Kyoto, Japan. Dr. Hameed's exceptional research talks on discovering new drug targets, candidate leads, and drug repurposing have offered new hope for diabetes patients and have drawn international acclaim and recognition.



Research Work Presentations in National and International Conferences

1. **A Hameed**, Hispidulin is an insulin secretagogue targeting the AKAP9-mediated PKA signalling pathway. International Diabetes Federation Western Pacific Congress 2023 during July 21-23, 2023, in Kyoto, Japan.
2. **A Hameed**, Apigenin stimulates insulin secretion through PKA-MEK kinase signalling cascade-independent of K-ATP channels. 15th Scientific Meeting of AASD during July 21-23, 2023, in Kyoto, Japan.
3. **A Hameed**, Hispidulin is an insulin secretagogue targeting the AKAP9-mediated PKA signalling pathway. 17th European Diabetes and Endocrinology Congress during November 20-21, 2023, Dubai, UAE.
4. **A Hameed**, Anti-Diabetic Drug Discovery Research: Translation of Natural Chemical Entities into Therapeutically Useful Drug Candidates Abdul Hameed, Kohichi Matsunaga, Tetsuro Izumi, Falak Shahab, M. Hafizur Rahman, and Muhammad Israr Khan. 8th International Symposium-cum-Training Course on Molecular Medicine and Drug Research (MMDR-8) during November 27-30, 2023, ICCBS, University of Karachi.
5. Falak Shahab, **Abdul Hameed**, Akhtar Ali, Rehan Imad, and M. Hafizur Rahman Apigenin Stimulates Insulin Secretion through PKA-MEK Kinase Signalling Cascade-Independent of K-ATP Channels. 8th International Symposium-cum-Training Course on Molecular Medicine and Drug Research (MMDR-8) during November 27-30, 2023, ICCBS, University of Karachi.
6. Abira Jawed, **Abdul Hameed**, Israr Khan, Hao Wang, Miaomiao Zhao, Kohichi Matsunaga, Tetsuro Izumi, Achyut Adhikari, M. Raza Shah, Zara Aslam, Tooba Asif, and M. Hafizur Rahman, Insulin Secretory Kinetics of Coixol In-vitro and In-vivo, 8th International Symposium-cum-Training Course on Molecular Medicine and Drug Research (MMDR-8) during November 27-30, 2023, ICCBS, University of Karachi.
7. Amreen Liaquat, Kauser Ismail, **Shumaila Usman**, Seema Shaikh, M. Raza Shah, Sesamol and its Liposomal Nanocarriers Hinder Proliferation and Migratory Potential of Colorectal Cancer Cell Line HT-29 in the 8th International Symposium cum training course on Molecular Medicine & Drug Research held at International Centre for Chemical & Biological Sciences (November,27-30, 2023 at University of Karachi).

8. Seema Shaikh, **Shumaila Usman**, Kauser Ismail, M. Owais Ismail, Amreen Liaquat, Anti-Proliferative and Anti Migratory Effects of Atorvastatin and its Liposomal Nano Conjugation in the 8th International Symposium cum training course on Molecular Medicine & Drug Research held at International Centre for Chemical & Biological Sciences (November,27-30, 2023 at University of Karachi).
9. Syeda Zehra Ahmed, Fouzia Shaikh, and **Shumaila Usman**, Clec3b and Tetranectin: Salivary Biomarkers in Oral Cancerous and Precancerous Lesions in the 8th International Symposium cum training course on Molecular Medicine & Drug Research held at International Centre for Chemical & Biological Sciences (November, 27-30, 2023 at University of Karachi).
10. Tabinda Urooj, **Shumaila Usman**, Bushra Wasim, Kanwal Haneef, and Talat Mirza, Morphological Analysis of Epithelial to Mesenchymal Transition in Human Amniotic Epithelial Cells in the 8th International Symposium cum training course on Molecular Medicine & Drug Research held at International Center for Chemical & Biological Sciences November, 27-30, 2023 at University of Karachi.
11. Tayyaba Rasool, **Shumaila Usman**, Anum Iftikhar, and Kanwal Haneef. Amniotic Membrane: A Promising Source for Cell Therapy & Tissue Engineering in the 8th International Symposium cum training course on Molecular Medicine & Drug Research held at International Center for Chemical & Biological Sciences (November,27-30, 2023 at University of Karachi).
12. **Shumaila Usman**, Development of Oral Submucous Fibrosis Cell line of Pakistani Origin & Evaluation of Anti-Cancer Activity of Sesamol in the 8th International Symposium cum training course on Molecular Medicine & Drug Research held at International Center for Chemical & Biological Sciences (November,27-30, 2023 at University of Karachi).
13. **Shumaila Usman**, Tayyaba Rasool, Kanwal Haneef, Hepatic Differentiation of Human Amniotic Epithelial Cells on Decellularized Extracellular Matrix Based Hydrogel in the 4th Forum for Women in Research "QUWA: Sustaining Women's Empowerment in Research & Innovation" held on Aug 30-31, 2023 at University of Sharjah, UAE.
14. Amreen Liaquat, Kauser Ismail, **Shumaila Usman**, Sesamol inhibit proliferation and migration of colorectal cancer cells and synergize the effect of conventional chemotherapeutic agent, Annual Research Week 2023, Dow, Karachi.
15. Seema Shaikh, **Shumaila Usman**, M. Owais Ismail, Synergistic effects of atorvastatin, its liposomal formulation with conventional drug as a promising therapy of colorectal cancer, November 30,2023 DOW, Karachi.
16. Amreen Liaquat, Kauser Ismail, **Shumaila Usman**, Seema Shaikh, M. Raza Shah, Harnessing Role of Sesamol and it Liposomal nanocarriers in alleviating Proliferation and Migratory Potential of Colorectal Cancer cell line HT-29, November 14, 2023, Select Science UK.
17. Seema Shaikh, **Shumaila Usman**, Kauser Ismail, M. Owais Ismail, Amreen Liaquat, 3rd Annual Biological Sciences Conference, November 15, 2023. AKU.
18. Syeda Zehra Ahmed, Fouzia Shaikh, and **Shumaila Usman**, CLEC3B and Tetranectin: An Emerging Biomarkers for Early Detection of Oral Squamous Cell Carcinoma in the 1st International Conference on Biomedical Sciences held on March 20-21, 2023 at Institute of Biomedical Sciences, Dow University of Health Sciences (DUHS) Ojha Campus, Karachi.
19. Dr. Aliya Sani, **Shumaila Usman**, Dr. Zile Rubab. Dysregulated Co-stimulatory Immune Mediators in Naïve Patients of Oral Squamous Cell Carcinoma in the 1st International Conference on Biomedical Sciences held on March 20-21, 2023 at Institute of Biomedical Sciences, Dow University of Health Sciences (DUHS) Ojha Campus, Karachi.
20. Ms. Humaira Ansari, **Shumaila Usman**, Tauseef Ahmed. Effect of Mevastatin on the Neuronal Differentiation of Umbilical Cord derived Mesenchymal Stem Cells in the 1st International Conference on Biomedical Sciences held on March 20-21, 2023 at Institute of Biomedical Sciences, Dow University of Health Sciences (DUHS) Ojha Campus, Karachi.
21. Mariam Roghey, Nuzhat Hassan, **Shumaila Usman**, Osteo induction through an Innovative source' New horizon for Orthopedics in the 1st International Conference on Biomedical Sciences held on March 20-21, 2023 at Institute of Biomedical Sciences, Dow University of Health Sciences (DUHS) Ojha Campus, Karachi.
22. Shahrkh Khan, **Shumaila Usman**, Saima Butt, Anam Islam. Association of Pathology associated genes at different passages of Pakistani Origin Oral Submucous Fibrosis Cell line in the 1st International Conference on Biomedical Sciences held on March 20-21, 2023 at Institute of Biomedical Sciences, Dow University of Health Sciences (DUHS) Ojha Campus, Karachi.
23. Qurrat ul Ain, **Shumaila Usman**, Bushra Khan, Talat Mirza. Human Amniotic Epithelial Cells; A promising

cell type for the treatment of hepatic disorder in the 1st International Conference on Biomedical Sciences held on March 20-21, 2023 at Institute of Biomedical Sciences, Dow University of Health Sciences (DUHS) Ojha Campus, Karachi.

24. Shahruxh Khan, **Shumaila Usman**, Saima Butt, Anum Islam. Establishment of Primary Cell line from oral submucous fibrosis sample: a novel in vitro preclinical model of fibrosis in the 8th Pakistan Association of Dental Research Conference, held in January 2023 in Lahore.

25. Dr. Uzma Zareef, **Rehan Imad** 3rd position in NEXTGEN poster competition, "Association of Salivary Macrophage Migration Inhibitory Factor And Alpha 1 Antitrypsin Protein Levels With Radiation Induced Oral Mucositis In Head And Neck Cancer Patient", at the PCOMS, College of Physician and Surgeon Pakistan, 10-12 November, 2023.

26. "Hepatoprotective Effects of Vanillin on Inflammation and Cell injury in LPS induce liver injury model in mice" Rehma Khanam, **Rehan Imad**, Talat Mirza, Faraz Baig. "International Symposium-cum-Training Course on Molecular Medicine and Drug Research (MMDR- 8), November 27 - 30, 2023. ICCBS, Karachi, Pakistan.

27. Dr. Asma Shabbir, Prof. Talat Mirza, **Dr. Ambrina Khatoon** and Prof. Zaigham Abbas, Investigating genetic variants linked to NAFLD in the Pakistani population: Discoveries from an extensive Whole Exome Sequencing research, 23rd Annual Congress, Pakistan Society of Hepatology during, Sep 29, 30 & Oct 1, 2023, Karachi Pakistan

28. Dr. Asma Shabbir, Prof. Talat Mirza, **Dr. Ambrina Khatoon** and Prof. Zaigham Abbas, Uncovering Genetic Variants linked to NAFLD in Pakistani population: Insights from an Whole Exome Sequencing investigation, Pakistan Association of Pathologist Conference 15th November 2023, Karachi Pakistan.

29. Dr. Asma Shabbir, Prof. Talat Mirza, **Dr. Ambrina Khatoon** and Prof. Zaigham Abbas, Dynamics of Viral Load, Disease Severity, and Serum Interferon Levels in COVID-19 Patients, 14th International Biennial Conference of the Pakistan Society for Microbiology during, 17 & 18 November, 2023, Karachi Pakistan.

30. **Urfa Tabassum Kayani**, **Ambrina Khatoon**, Dr. Santosh Kumar Sidhwani, Nida Hussain, Dr. Talat Mirza, Dynamics of Viral Load, Disease Severity, and Serum Interferon Levels in COVID-19 Patients, 8th International Symposium- cum-Training Course on Molecular Medicine and Drug Research (MMDR- 8), during 22 to 24 November, 2023, Karachi, Pakistan.

31. **Urfa Tabassum Kayani**, Ambrina Khatoon, Dr. Santosh Kumar Sidhwani, Nida Hussain, Dr. Talat Mirza, Dynamics of Viral Load, Disease Severity, and Serum Interferon Levels in COVID-19 Patients, 8th International Symposium- cum-Training Course on Molecular Medicine and Drug Research (MMDR- 8) during, November 27th -30th 2023, Karachi Pakistan.

32. Lareb Asad, **Ambrina Khatoon**, Dr Santosh, Dr Talat, Effect of ABO blood group on the severity and clinicopathologic parameters of COVID-19, Pakistan Association of Pathologist Conference, 17 & 18 Nov 2023, Karachi, Pakistan.

33. Soha haque, **Ambrina Khatoon**, Dr Kosar, Carvacrol conjugated zinc oxide nanoparticles as prospective agents against clinically isolated Carbapenem resistant Acinetobacter species, 14th International Biennial Conference of the Pakistan Society for Microbiology, November 22-24, 2023, Karachi Pakistan.

Pakistan's first OSMF cell line at Ziauddin University



Development of Oral Submucous Fibrosis Cell line

The country's first-ever premalignant primary Oral Submucous Fibrosis (OSMF) cell line has been established at Ziauddin University, Karachi. The cell line was established as a part of an MPhil project by Dr. M. Shahrukh Khan Sadiq and Dr. Anaam Islam. Dr. Saima Akram Butt, Associate Professor and Head of the Ziauddin University Department of Oral Pathology, supervised the project, while Dr. Shumaila Usman, Assistant Professor at the Department of Molecular Medicine, was the co-supervisor and technique expert.

OSMF is a chronic, progressive, and premalignant condition of the oral mucosa that vitiates the quality of life of the patient. The development of the oral submucous cell line would serve as a reliable, safe, and convenient in-vitro platform for experimentation with the disease.

The project was also shortlisted for the Hatton Award Oral Presentation Competition at the 8th Pakistan Association of Dental Research Conference and bagged second prize at the 2nd International Conference of the Pakistan Society of Oral and Maxillofacial Pathology.

Publications

1. Sidhwani, S. K., **Mirza, T., Khatoon, A.**, Shaikh, F., Khan, R., Shaikh, O. A., & Nashwan, A. J. (2023). Angiotensin-converting enzyme 2 (ACE2) polymorphisms and susceptibility to severe SARS-CoV-2 in a subset of Pakistani population. *Virology Journal*, 20(1), 1-12.
2. Sidhwani, S. K., **Mirza, T., Khatoon, A.**, Shaikh, F., & Khan, R. (2023), Steroid use and outcome of COVID-19 in subset of Pakistani population, in *Journal of Xi'an Shiyou University, Natural Science Edition*.
3. Sidhwani, S. K., **Mirza, T., Khatoon, A.**, Shaikh, F., Khan, R., Shaikh, O. A., & Nashwan, A. J. (2023). Inflammatory Markers and COVID-19 Disease Progression. *Journal of Infection and Public Health*. <https://www.ncbi.nlm.nih.gov/nuccore/OQ443069.1>, ISSN: 1673-064X. 90-96
4. Hassan, S., **Mirza, T., Khatoon, A.**, Bukhari, U., & Shaikh, F. (2023). In Silico Analysis of Differentially Expressed Genes in Colorectal Carcinoma. *Advancements in Life Sciences*, 10(1), 37-41.
5. Mustansar, T., **Mirza, T.**, & Hussain, M. (2023). RAS gene mutations and histomorphometric measurements in oral squamous cell carcinoma. *Biotechnic & Histochemistry*, 1-9.
6. Danish, F., Qureshi, M. A., Avesi, L., Shamim, S. H., Sufiyan, S., **Mirza, T.**, & Mughal, N. (2023). Expression Profiling of IDH, p53, ATRX, and KI-67 Immunostains as Potential Grid for Molecular Subtyping of Adult Diffuse Gliomas from Pakistan.
7. Kamran, D. E. S., Hussain, M., & **Mirza, T.** (2023). Investigating In Situ Expression of c-MYC and Candidate Ubiquitin-Specific Proteases in DLBCL and Assessment for Peptidyl Disruptor Molecule against c-MYC-USP37 Complex. *Molecules*, 28(6), 2441.
8. Sidhwani, S. K., **Mirza, T.**, Khatoon, A., Shaikh, F., Khan, R., Shaikh, O. A., & Nashwan, A. J. (2023). ACE2 (angiotensin converting enzyme) polymorphisms and susceptibility of severe SARS-CoV-2 in subset of Pakistani population.
9. Hassan, S., **Khatoon, A.**, Bukhari, U., & **Mirza, T.** (2023). Analysis Of Common Somatic Mutations In Colorectal Carcinoma And Associated Dysregulated Pathwaysarts. *Journal of Ayub Medical College, Abbottabad: JAMC*, 35(1), 137-143.
10. Ali, A., Shaheen, S., Imran, M. Z., Memon, Z., Zahid, N., Ahmad, F., **Hameed, A.** (2023). Modulation of Altered Immune Parameters IL-2 and TNF- α in Diabetic Animal Models: A Therapeutic Insinuation of Metformin Beyond Diabetes. *Cureus*, 15(9).
11. Akbar, N., Anum, H., Razzaq, S. S., Salim, A., **Usman, S.**, & Haneef, K. (2023). Ascorbic acid and salvianolic acid B enhance the valproic acid and 5-azacytidinemediated cardiac differentiation of mesenchymal stem cells. *Molecular Biology Reports*, 50(9), 7371-7380.
12. Hammad, M., K., Shahrukh, M., Ahmed, A., Khan, Mariam., Maniar, T., Mateen, M., Saba, B., Kashif, M., Usman, S., Najeeb, S., Khurshid Z., Sohail, M. (2023). Applications of metformin in dentistry—A review. *Journal of Taibah University Medical Sciences*.
13. Islam, A., Butt, S. A., Sadiq, M. S. K., **Usman, S.**, & Murad, W. Isolation and Culture of Primary Human Oral Buccal Fibroblasts. *Xi'an Shiyou Daxue Xuebao (Ziran Kexue Ban)/Journal of Xi'an Shiyou University* 19(3):1084-1087.
14. Sadiq, M. S. K., Butt, S. A., Islam, A., & **Usman, S.** Expression of Cartilage Oligomeric Matrix Protein in Primary Oral Submucous Fibrosis Cell line. *Journal of Xi'an Shiyou University, Natural Science Edition*. 19(03), 446-449.

15. Shaikh, S., Ismail, K., **Usman, S.**, Ismail, M. O., Gul, J., & Shah, R. (2023). Comparative Effects of Atorvastatin and its Liposomal Preparation in Impeding the Migratory Potential of Colorectal Cancer Cell Line HT-29. *Medical Forum*, 34(9), 136.
16. Liaquat, A., Ismail, K., **Usman, S.**, Gul, J., Shah, R., & Ismail, M. O. (2023). Comparison of Sesamol and its Liposomal Nanocarrier in the Quest for Anti-Metastatic Agents in Colorectal Cancer Cell Line HT-29. *Medical Forum*, 34(9), 46.
17. **Usman, S.**, Khan, I., Haneef, K., Salim, A (2023). 2, 4 - Dinitrophenol Trans-differentiate NIH3T3 Cells into Insulin Producing β -Cells, *Pakistan Journal of Zoology*.
18. Sani A I, **Usman S.**, Rubab Z E, Ahmed S, Iqbal S, Ahmed Z(2023). Co-stimulatory markers OX40 and OX40L in blood and saliva samples of oral squamous cell carcinoma: A comparison study, *Pakistan Journal of Zoology*.
19. Rasheed, N., **Usman, S.** Sadiq, M. Wasim, B., Haneef, K.(2023). Analysis of Proliferation Capacity and Expression of Cell Cycle Genes in Normal and Gestational Diabetics affected WJMSCs, *Pakistan Journal of Zoology*, 55(5), 2221-2227.
20. Baig, S., Hussain, R., **Imad, R.**, & Ahsan, M. (2023). Identification of polymorphic alleles in TERC and TERT gene reprogramming the telomeres of newborn and legacy with parental health. *Saudi Journal of Biological Sciences*, 103897.
21. Karrouchi, K., Sert, Y., Ansar, M. H., Radi, S., El Bali, B., **Imad, R.**, ... & Altaf, M. (2023). Synthesis, α -glucosidase inhibition, anticancer, DFT and molecular docking investigations of pyrazole hydrazone derivatives. *Polycyclic Aromatic Compounds*, 43(6), 5021-5040.
22. **Imad, R.**, Sheikh, Z., Pichika, M. R., Kit-Kay, M., Siddiqui, R. A., Shah, S. N. N., ... & Daood, U. (2023). Cathepsin-K inhibition enhances anti-cancerous activity within oral squamous cell carcinoma cells: Uncloaking the potency of new K21 formulation. *Experimental Cell Research*, 113687.
23. Naz, G., **Imad, R.**, Soomro, R. A., Alomar, T. S., AlMasoud, N., Karakuş, S., & El-Bahy, Z. M. (2023). Au-decorated Co₃O₄ nanostructures for plasmonic enhanced PEC sensing of cancer biomarkers. *Applied Physics A*, 129(7), 484.
24. Raza, S. N., Kumar, S., **Khatoon, A.**, Hussain, N., & Kayani, U. (2023). Outcome and Severity of COVID-19 in Vaccinated and Unvaccinated patients. *Pakistan Journal of Medical & Health Sciences*, 17(06), 89-89.
25. Saad, S., Ahmed, S. T., **Khatoon, A.**, Ansari, J., & Mirza, A. J. Prevalence Of Blood Groups And Association With Ailments In Pakistani Population: A Review of The Current Literature.
26. Saad, S., Ahmed, S. T., **Khatoon, A.**, Ansari, J., & Mirza, A. J. Prevalence Of Blood Groups And Association With Ailments In Pakistani Population: A Review of The Current Literature.
27. Baig, F. A., Mirza, F. H., Syed, S., Kumar, A., & **Shahid, M. A.** (2023, March). Standardized Criterion of Presepsin Reference Interval for Accurate and Early Diagnosis of Sepsis. *New Emirates Medical Journal*, 4(1). <https://doi.org/10.2174/04666230203113102>.

WORKSHOP ORGANISED AT ZU

The Department of Research is routinely organising workshops to promote the professional development of the faculty and students, capacity building in research, enhanced productivity, and improved university ranking.

Fundamental Techniques in Molecular Biology

The Department of Molecular Medicine conducted a hands-on workshop on the Fundamental Techniques in Molecular Biology from 19th to 21st Jan 2023. The workshop aimed to equip the participants with fundamental techniques in molecular biology including nucleic acid extraction, quantification, gel electrophoresis, cDNA synthesis, primer design, and real-time PCR.



Hands-on Certified Workshop on Care and Use of Small Lab Animals

Two (2) days hands on certified workshop on Care and Use of Small Lab Animals for post graduate students and faculty members was conducted by the Department of Molecular Medicine and Research on 26th and 27th June 2023 at Histology Lab 1 and Cell Biology and Histology Lab, MDRL-2, Ziauddin University, Clifton Campus.



Research Methodology Workshop

The Department of Research in collaboration with the College of Dentistry organized a three-day workshop on Research Methodology from 19th to 21st July, 2023. This workshop is intended to support the growth of the faculty with capacity building in research and enhanced productivity.

Fundamental Cell Culture Techniques

Two days introductory workshop on Fundamental Cell culture techniques was conducted by the Department of Molecular Medicine from 22nd- 23rd Aug, 2023 at Multidisciplinary Research Labs, Ziauddin University. Extensive knowledge and practical skills were imparted through the lectures, video sessions & interactive sessions along hands-on training. Participants were assessed for their knowledge at the end of the workshop.



Three-day workshop 'NGS Unveiled: From DNA Extraction to Bioinformatics Analysis

Our three-day workshop, titled 'NGS Unveiled: From DNA Extraction to Bioinformatics Analysis,' proved to be a resounding success, bringing together 36 participants from 14 diverse institutions within the province. This event was particularly notable for its innovative approach, offering hands-on experiences in library preparation and Next-Generation Sequencing (NGS) analysis, which not only deepened the participants' understanding but also equipped them with valuable NGS skills. These newfound capabilities are sure to drive progress in genomics research, where the study of an organism's entire DNA holds the promise of addressing a multitude of biological questions. The workshop was jointly organized by the Department of Molecular Medicine and the Department of Research in collaboration with the 23rd Pair Lab, with generous sponsorship from Hospicare and Molecular Biology Products.



Two-Day Hands-On Workshop Unlocking Molecular Biology Techniques: From DNA Extraction to PCR

The Department of Molecular Medicine and Department of Research conducted a hands-on workshop, "Unlocking Molecular Biology Techniques: From DNA Extraction to PCR", on 15th and 16th Nov 2023. The workshop aimed to provide participants with hands-on experience and in-depth knowledge of molecular biology techniques essential for advancing research in the field.



World diabetes day

To raise awareness and education to defeat diabetes, the Department of Medicine & Allied in Collaboration with the Departments of Research & Molecular Medicine, organized the “World Diabetes Day” on November 21, 2023, at the Ziauddin University auditorium. Multidisciplinary diabetes experts including doctors, nurses, dieticians, and research scientists from Ziauddin University & hospital gathered, talked, and shared valuable information about different aspects of managing and living with diabetes.



Internship Programme

To promote science and technology capacity building, Ziauddin University as its intellectual and corporate social responsibility proudly runs the internship programme for indigenous and external students. This programme is targeted at students intending to pursue a career in research or higher learning by imparting knowledge and skills to inculcate analytical skills, critical thinking, wisdom, and confidence in them. Our highly skilled faculty is engaged in training scholars in the emerging fields of molecular medicine and genetics, molecular oncology, cell biology and histology, diabetology, proteomics, stem cell culture, bioinformatics, and microbial genomics. It is meant to provide scholars the best opportunity to develop skills that promote their success during their graduate and post-graduate training and the development of tools for conducting independent research in biomedical sciences.

Zu Launched Programmes In Molecular Medicine (BS & PHD)

Molecular Medicine is a newly emerging field where physicians and scientists collaborate to explore the intricate molecular and genetic aspects of diseases. With cutting-edge advancements in diagnostic, therapeutic, and preventive approaches, this interdisciplinary field is the key to unlocking a deeper understanding of health and disease. It is established as a forward-looking academic programme designed to train students at the interface of basic and clinical sciences.

Ziauddin University (ZU) proudly offers HEC and PMDC-approved MPhil & Ph.D. programmes in Molecular Medicine, and the first BS Molecular Medicine programme from a medical institution in Pakistan. These cutting-edge programmes are built on the belief that rigorous training in the genetic and biochemical basis of human disease equips the scholars with the skills to translate rapid advances in basic research into practical health benefits.

BS in Molecular Medicine

Research has always been a pinnacle priority at Ziauddin University which relates to the successful launch of MPhil and Ph.D. programme in Molecular Medicine followed by a new milestone initiative of BS programme in Molecular Medicine for the first time in Pakistan. The field of Molecular Medicine is often referred to as tomorrow's medicine. It is a newly emerging and most sought-after field globally with a focus on the description of diseases at a molecular and genetic level with an uplift in the diagnostic, therapeutics, and prognostic modalities. This well-designed programme covers the fields of Molecular Genetics, Cellular and Molecular Biology, Microbiology, Molecular Pathology,

Physiology, Immunology, Cancer Biology, Biotechnology, Proteomics, Regenerative Medicine, Molecular Pharmacology, and Bioinformatics.



Group Photo of First Batch of BS Molecular Medicine

Ph.D. in Molecular Medicine

Ziauddin University is pleased to launch HEC approved Ph.D. programme in Molecular Medicine. This programme will provide a multidisciplinary approach with a team of physicians and scientists working together for generating new knowledge in the field of medicine and therapeutics. Molecular Medicine is an interdisciplinary training programme fostering the development of scientists and clinicians who are prepared for lifelong participation in research and other intellectual pursuits. With an emphasis on bridging basic and translational science, Molecular Medicine students would receive advanced training in the theory and practice of biomedical science. All students will be required to conduct thesis research that provides hands-on experience in molecular biology techniques, cell culture, and genetic techniques. The programme

will cover the fields of Molecular Genetics, Cellular and Molecular Biology, Microbiology, Molecular Pathology, Physiology, Immunology, Cancer Biology, Biotechnology, Proteomics, Regenerative Medicine, Molecular Pharmacology, and Bioinformatics



Group Photo of First Batch of Ph.D. in Molecular Medicine

Faculty

Head of the Department

Prof. Dr. Talat Mirza (Executive Director Research)

Associate Professor

Dr. Shumaila Usman (Coordinator Molecular Medicine Programmes)

Dr. Abdul Hameed

Dr. Ambrina Khatoon

Assistant Professor

Dr. Rehan Imad

Dr. Yamna Khurshid

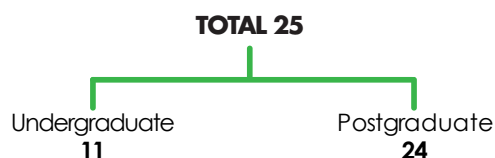
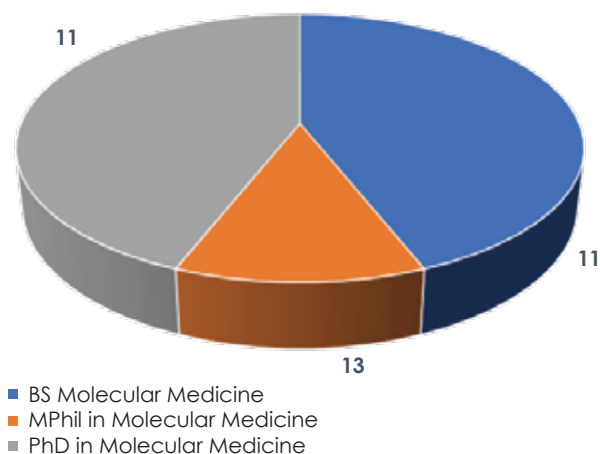
Lecturer

Ms. Urfa Kayani

Senior Lecturer

Moazzam Ali Shahid

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



TOTAL FACULTY MEMBERS

- HOD 1
- ASSOCIATE PROFESSORS 3
- ASSISTANT PROFESSORS 2
- LECTURERS 1



COLLEGE OF DENTISTRY

COLLEGE OF DENTISTRY

ABOUT COLLEGE

Ziauddin College of Dentistry strives to provide state-of-the-art facilities for its learners to produce graduates that are competent at an international level and can serve humanity, as the profession demands. Ziauddin College of Dentistry (ZCD) prides itself on being the first dental college in the country to launch Virteasy Dental, which features a fully virtual hands-on patient for immersive training of students. Virteasy Dental is the world's first haptic dental trainer to integrate full VR immersion.

ZCD values the importance of extra-curricular and co-curricular activities and encourages and facilitates students to take part in them. Along with the university initiatives, ZCD now has its very own student dental council, which represents and manages students' concerns, proceedings, educational and/ or extra-curricular events, etc.

PRINCIPAL OF THE COLLEGE

Prof. Dr. Wahab Buksh Kadri

Professor, Oral and Maxillofacial Surgery,
Principal, College of Dentistry, Ziauddin University

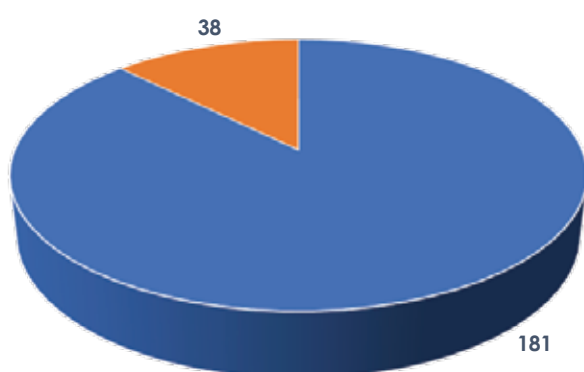
FACILITIES

Lecture Halls/Classrooms 3
Labs 8.
Phantom Head Room. 1
Conference Room 1.
Learning Resource Rooms, 2
Comprehensive Clinic

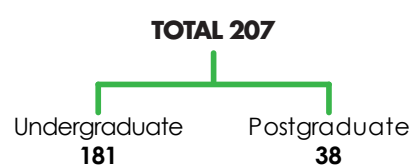
RESEARCH ACTIVITIES

35 Research articles published in national and international journals during the year.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- BDS
 - Oral Biology
 - Oral Pathology
- MDS
 - Oral & Maxillofacial Surgery
 - Operative Dentistry
 - Periodontology
 - Orthodontics
 - Oral Pathology
- FCPS
 - Oral & Maxillofacial Surgery
 - Operative Dentistry



TOTAL FACULTY MEMBERS

- Professors 10
- Associate Professors 4
- Assistant Professors 7
- Senior Lecturers 3
- Lecturers 30
- Senior Registrars 4

A healthcare professional in blue scrubs is assisting a patient with a walker. The professional is holding the patient's hand, providing support. The patient is wearing a light blue button-down shirt and khaki pants. The scene is set in a bright, clinical environment.

COLLEGE OF REHABILITATION SCIENCES

COLLEGE OF REHABILITATION SCIENCES

ABOUT COLLEGE

The Ziauddin College of Rehabilitation Sciences (ZCRS) was established in 1999 with the aim of producing competent rehab specialists by providing quality education and hands on skills to improve patient care.

It is these assets that make Ziauddin University a renowned university in Karachi. First and foremost, the purpose of ZCRS is to make the students understand the essential role rehabilitation sciences plays in improving one's quality of life. We at ZCRS believe that if you aspire to change the lives of those around you, the field of rehabilitation sciences is one that provides instant rewards.

PRINCIPAL OF THE COLLEGE

Prof. Dr. Sumaira Imran Farooqui

College of Rehabilitation Sciences,
Ziauddin University

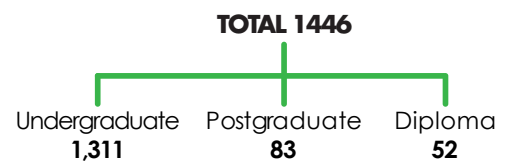
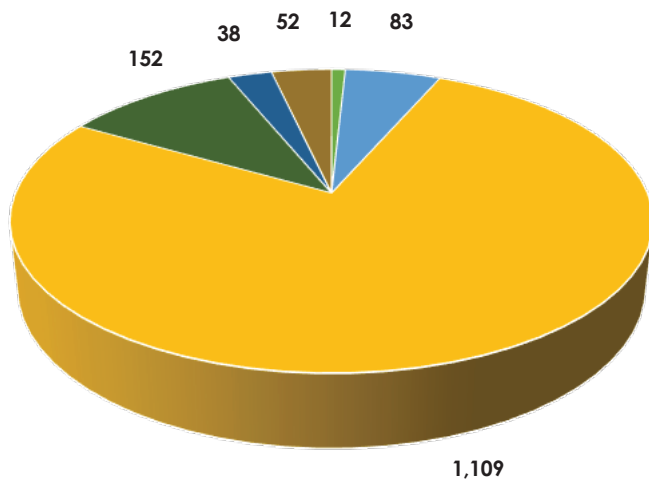
FACILITIES

Lecture Halls/Classrooms 22
Learning Resource Centers 3
Gyms 3
Labs 15
Committee Room 1

RESEARCH ACTIVITIES

The Faculty members of ZCRS were engaged in around 30 activities like papers publishing, poster presentations, attending conferences, workshops and seminars etc.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- Doctor of Philosophy in Physical Therapy
- Master of Science/Master of Philosophy (Physical Therapy)
- Doctor of Physical Therapy
- Doctor of Occupational Therapy
- Accelerated Doctor of Occupational Therapy
- Diploma in Fitness Training

TOTAL FACULTY MEMBERS

- PROFESSORS 2
- ASSOCIATE PROFESSORS 1
- ASSISTANT PROFESSORS 14
- SENIOR LECTURERS 29
- LECTURERS 20



COLLEGE OF
SPEECH
LANGUAGE &
HEARING
SCIENCES

COLLEGE OF SPEECH LANGUAGE & HEARING SCIENCES

ABOUT COLLEGE

The College of Speech Language & Hearing Sciences at Ziauddin University is the leading institution in Pakistan, offering comprehensive undergraduate and postgraduate programmes in speech-language pathology and audiology. Recognised as the premier and solitary institute of its kind in our country, it aims to prepare Pakistani youth for promising careers in audiology and speech-language pathology, fields that hold vast potential both domestically and internationally.

PRINCIPAL OF THE COLLEGE

Ms. Amina Siddiqui

College of Speech Language & Hearing Sciences,
Ziauddin University

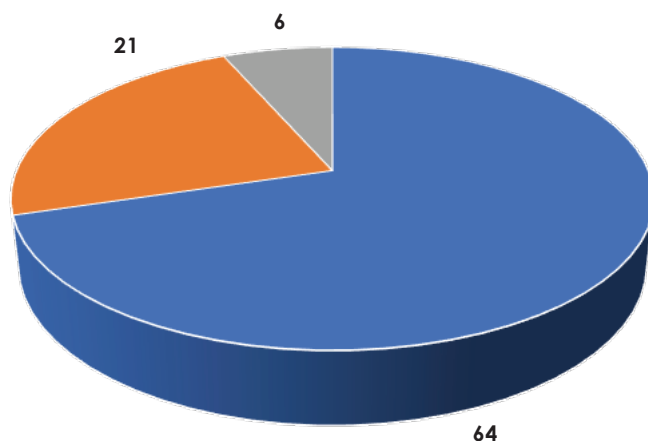
FACILITIES

Library 1
Girls & Boys Common Rooms 2
Kitchen & Canteen 2
Lecture Halls/Classrooms 4
Clinic Rooms 16 (Adult 1, Play Therapy 1, OT/PT 2, Audio 1, DRS/FEES 1, Psychology 1, ST 9)

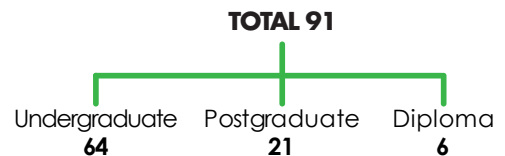
RESEARCH ACTIVITIES

Total Researches Published 7
Events 15
Workshops 4
Open House 1
Radio 4
Fundraiser 1
Community Work 5
Awareness Session 1
Parent Training 1
Orientation 1

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- Diploma in Childhood Development and Pathology
- BS Audiology and Speech-Language Therapy
- Master of Science in Speech Language Pathology



TOTAL FACULTY MEMBERS

- ASSOCIATE PROFESSOR 1
- ASSISTANT PROFESSORS 3
- SENIOR LECTURERS 12
- LECTURERS 6



COLLEGE OF MEDICAL TECHNOLOGY

COLLEGE OF MEDICAL TECHNOLOGY

ABOUT COLLEGE

In 1998, Ziauddin University established the College of Medical Technology, pioneering the Bachelor's degree programme in Medical Technology (B.Sc. in MT). Over the years, the college has successfully enrolled sixteen batches, showcasing its commitment to academic excellence and student development. In response to evolving challenges and student needs, Ziauddin University took the initiative to introduce the BS programme in Medical Technology in March 2011, offering a more comprehensive and advanced educational pathway. To remain at the forefront of modern techniques and knowledge, Ziauddin University is actively planning to introduce the M. Phil/ MS programme in Medical Technology in the near future, ensuring its students are equipped with modern expertise for a promising and successful career in the field.

PRINCIPAL OF THE COLLEGE

Ms. Humera Rashid

Acting Principal, College of Medical Technology,
Ziauddin University

FACILITIES

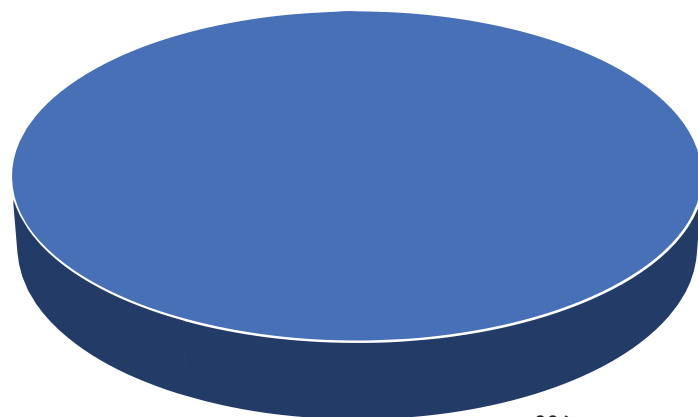
Labs 4

Lecture Halls 6

RESEARCH ACTIVITIES

7 articles were published.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



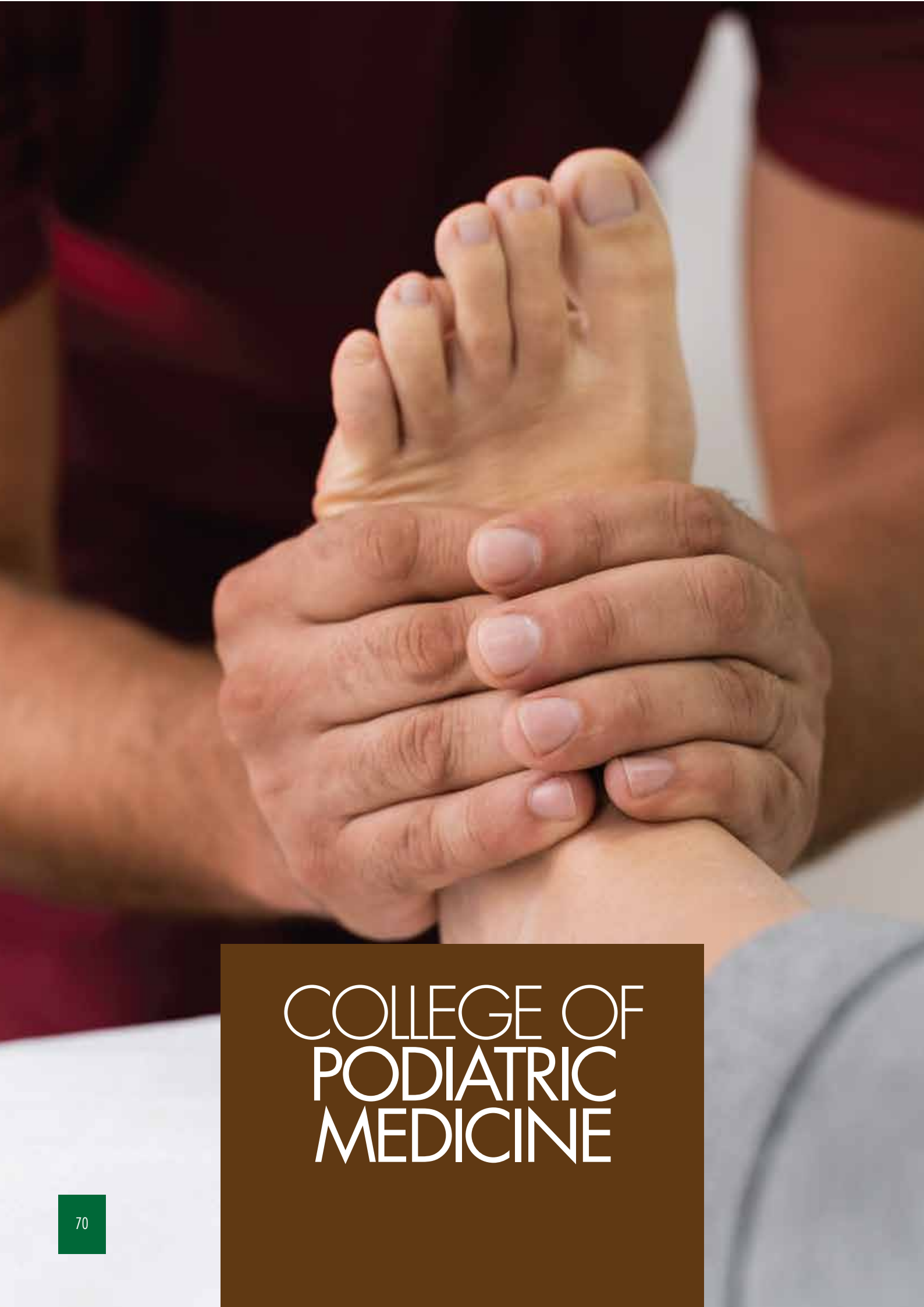
■ BS Medical Technology

TOTAL 396

Undergraduate
96

TOTAL FACULTY MEMBERS

Advisor to Principal 1
Assistant Professors 3
Lecturers 6
Instructors 6



COLLEGE OF PODIATRIC MEDICINE

COLLEGE OF PODIATRIC MEDICINE

ABOUT COLLEGE

Ziauddin College of Podiatric Medicine is a pioneering institution in Pakistan, dedicated to the specialised field of podiatric medicine. Established as the first of its kind in the country, the college offers comprehensive education and training in podiatry, encompassing the diagnosis, treatment, and prevention of foot and ankle disorders. With state-of-the-art facilities and experienced faculty, Ziauddin College of Podiatric Medicine is steadfast in its mission to equip students for prosperous careers in this crucial healthcare field, thereby fostering the holistic welfare of individuals and societies.

The aim of Ziauddin College of Podiatric Medicine is to advance podiatric medicine education in Pakistan through comprehensive training and academic excellence, ultimately fostering skilled professionals to address foot and ankle disorders.

FACILITIES

Lecture Halls 4

NUMBER OF STUDENTS ENROLLED



TOTAL FACULTY MEMBERS

ASSISTANT PROFESSORS 2
LECTURERS 3



COLLEGE OF PUBLIC HEALTH

COLLEGE OF PUBLIC HEALTH

ABOUT COLLEGE

Ziauddin College of Public Health is a pioneering institution focused on advancing public health and addressing global health challenges. Through education, research, and community engagement, the college aims to equip students with the knowledge, skills, and passion to tackle complex health issues. Their multidisciplinary approach integrates various disciplines such as epidemiology, biostatistics, health policy, environmental health, and health promotion, providing a comprehensive education that prepares students to address health disparities and promote health equity. The faculty comprises renowned scholars and practitioners who mentor students in cutting-edge research, community-based projects, and partnerships with public health agencies, non-profits, and healthcare systems to bridge theory and practice.

The college fosters an inclusive and collaborative learning environment that embraces diversity and cultural competency. They prioritise hands-on experiences and internships to ensure students gain practical skills and insights into real-world public health challenges. With a commitment to excellence, innovation, and social responsibility, Ziauddin College of Public Health aims to produce graduates who can navigate the complexities of public health, advocate for social justice, and drive meaningful change in communities worldwide.

OVERVIEW OF THE COLLEGE

The College of Public Health has made significant strides in fostering collaboration and enhancing academic excellence through recent initiatives such as signing MOUs. Through strategic partnerships established via MOUs, the department has expanded its network of resources, enabling students and faculty to engage in meaningful exchanges, research collaborations, and joint projects with renowned institutions. The College of Public Health has also arranged guest lectures by experts and industry leaders that have provided valuable insights and real-world perspectives to students, bridging the gap between theory and practical application. These sessions have empowered students with relevant skills, industry trends, and career guidance, thus enhancing their academic and professional journey.

PRINCIPAL OF THE COLLEGE

Dr. Shahkamal Hashmi

College of Public Health,
Ziauddin University

FACILITIES

Lecture Halls/Classrooms 3
Conference room 1

RESEARCH ACTIVITIES

5 papers were published in the last academic year.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



TOTAL 120

Postgraduate
96

TOTAL FACULTY MEMBERS

Associate Professor 1
Assistant Professors 2
Senior Lecturer 1
Academic Coordinator 1



FACULTY OF NURSING & MIDWIFERY

FACULTY OF NURSING & MIDWIFERY

DEAN'S MESSAGE

Never in the history of the nursing profession has there been such an opportunity for nurses to play a key role in transforming health care. These nurses provide care to individuals, families, and communities in virtually all locations in which healthcare is delivered including hospitals, long-term care facilities, ambulatory care settings, homes, schools, and workplaces. Our profession carries the enormous responsibility of leading reform in health and health care systems, improving health outcomes of patients and their families, and generating and translating knowledge that improves nursing education, nursing leadership, research and nursing practice. In this regard, ZUFONAM is committed to meet these challenges and address the critical health needs of our population by preparing nurses who have a broad understanding of the profession, public policy, leadership, and health care systems. In our institute there are above 500 students. The overriding strength of our educational programmes, research opportunities, and clinical services lies in the talented and dedicated faculty members and researchers at the Faculty of Nursing and Midwifery.

Dr. Pamela Marshall

Dean, Faculty of Nursing and Midwifery,
Ziauddin University

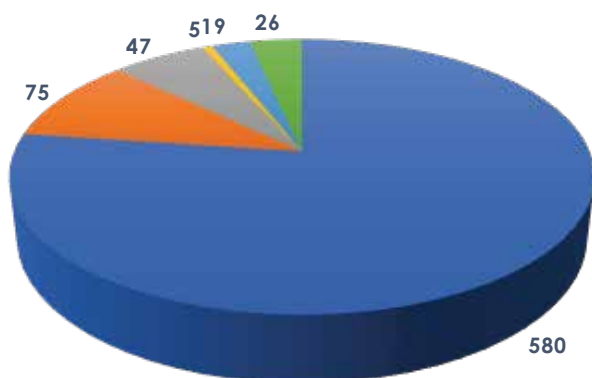
FACILITIES

- Lecture Halls 8
- PhD Room 1
- Seminar Room 1
- Tutorial Room 1
- Computer Lab 2
- Science Lab 1
- Skills Lab 1
- Library 1
- Girls Common Room 1
- Auditorium 1
- Hostal for Females (in process)

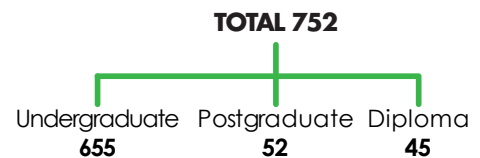
RESEARCH ACTIVITIES

26 research articles were published.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- Bachelor of Science in Nursing
- Post-RN Bachelor of Science in Nursing
- Master of Science in Nursing
- Phd in Nursing
- Technician
- Nurse Midwifery



TOTAL FACULTY MEMBERS

- DEAN 1
- ADVISOR TO CHANCELLOR 1
- ASSOCIATE PROFESSORS 6
- ASSISTANT PROFESSORS 3
- SENIOR LECTURERS 9
- LECTURERS 7
- SKILL LAB COORDINATOR 1



FACULTY OF PHARMACY

FACULTY OF PHARMACY

DEAN'S MESSAGE

The Faculty of Pharmacy has completed its 19 years of journey and has become one of the best private Pharmacy institutions in Pakistan. Here are a few indicators of the achievements/events during 2022-2023:

- 87 Pharm.D, 07 M.Phil. and 03 Ph.D. degrees were awarded during 2022-2023.
 - Renewal of accreditation of Pharm.D Programme by Pharmacy Council of Pakistan
 - Visit of the Pharmacy Council of Pakistan for accreditation of 2nd Shift of Pharm.D, and Pharmacy Technician.
 - Industrial visits for 4th and final-year students were arranged.
 - Workshops, seminars, and lectures for Faculty members and students were arranged, and experts in the field were invited.
 - Established an Animal Research and Resource Centre to support the researchers.
 - Introduced a worldly trending and top leading subject, "Department of Cosmetic Science."
 - Introduced the "Pharmacy Technician Programme," approved by the Pharmacy Council.
 - Signed Memorandums of Understanding with different industries.
 - Joint research and academic activities were carried out with the University of Sunderland, UK.
 - Independence Day and World Pharmacists Day are celebrated.
 - The Regional Blood Centre organised a Blood Camp at Ziauddin University, Link Road Campus in collaboration with Indus Hospital where faculty and students actively participated.
- Ziauddin Faculty of Pharmacy is dedicated to teaching and Research excellence and is committed to shaping the future of our students. I look forward to new opportunities as we take this journey forward together.

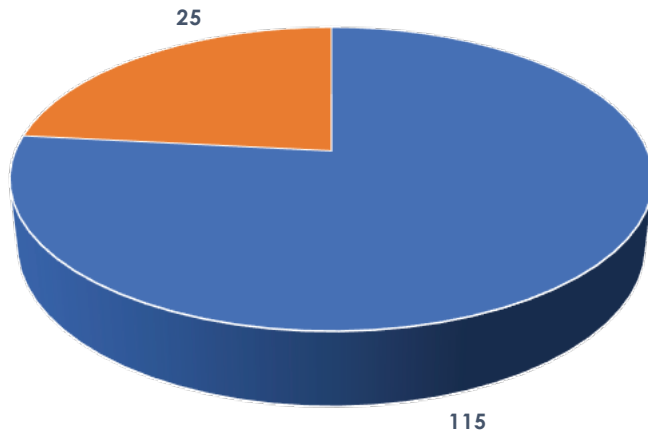
Prof. Dr. Nudrat Fatima

Dean, Faculty of Pharmacy,
Ziauddin University

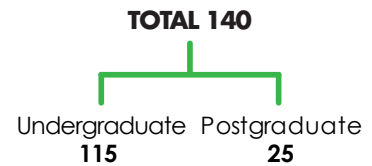
RESEARCH ACTIVITIES

More than 76 Research articles were published during the year 2022-2023

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- Doctor of Pharmacy
- Master Of Philosophy
- Bachelors of Cosmetic Science
- Diploma of Pharmacy Technician
- PHD in Pharmacy



TOTAL FACULTY MEMBERS

- PROFESSORS 7
- ASSOCIATE PROFESSORS 7
- ASSISTANT PROFESSORS 19
- SENIOR LECTURERS 2
- LECTURERS 10





FACULTY OF ENGINEERING, SCIENCE, TECHNOLOGY & MANAGEMENT



DEPARTMENT OF
MANAGEMENT
TECHNOLOGY
AND INFORMATION
SCIENCES

DEPARTMENT OF MANAGEMENT TECHNOLOGY AND INFORMATION SCIENCES

ACHIEVEMENTS

1. The First Batch of BBA Passed out in Convocation 2023. A total of 5 students got their degrees in the convocation 2023.
2. MBA and PhD Management Sciences launched.
3. 11 research papers in a year published by the faculty in reputed international Journals.
4. Poster competition organised by the Department of Management, technology and Information Sciences
5. Many guest speaker sessions are organized by the department.

RESEARCH PUBLICATIONS = YEAR 2023, ZU AFFILIATION, TOTAL 10

1. Ullah, S., Nobanee, H., Iffikhar, H., (2023)., Global Financial Integration, Governance-by-Technology and Green Growth, *International Review of Financial Analysis* (IF 8.2, ABDC A, Q1, W, Ranked 4th in Finance Globally as per JCR 2023)
2. Nobanee, H., Ullah, S., (2023)., Mapping Green Tax: A Taxonomical Study Using Bibliometric Visualization of Research, *Sustainable Futures*, (IF 5.5, W)
3. Ullah, A., Ullah, S., Pinglu, C., Khan, S., (2023)., Impact of FinTech, Governance and Environmental Taxes on Energy Transition: Pre-Post Covid-19 Analysis of Belt and Road Initiative Countries, *Resources Policy* (IF 10.2, Q1, W)
4. Ullah, S., Nobanee, H., & Kemal, M.A. (2023)., Corporate Governance and Default Probability: The Moderating Role of Bank's Efficiency, *Cogent Economics and Finance* (IF 1.9, Q3, X)
5. Ullah, S., & Rasheed, A., & Popp, J. (2023)., Determinants of Bank's Efficiency in an Emerging Economy: A Data Envelopment Analysis Approach, *PLOS One*, 18(3) (IF: 3.7, Q1, W)
6. Qureshi, M., Ahmad, N., Ullah, S., Mustafa, A.R., (2023)., Forecasting Real Exchange Rate (REER) using Artificial Intelligence and Time Series Models, *Heliyon-Finance*, (IF: 4, Q1, W)
7. Bhutto, S., Jamal, Y., & Ullah, S., (2023)., FinTech Adoption, HR Competency Potential, Service Innovation and Firm Growth in Banking Sector, *Heliyon-Business & Economics*, Vol 9(3), (IF: 4, Q1, W)
8. Ullah, S., Hanif, M.N., & Nobanee, H., (2023)., Nexus of Corporate Governance, Credit Risk and Financial Soundness of Banks, *Intellectual Economics*, (Q2, X)
9. Kashif, M., Pinglu, C., Ullah, S., (2023). Impact of Financial Technology (FinTech) on Sustainable Finance: A Worldwide Empirical Analysis, *Financial Markets and Portfolio Management* (IF 1.9, Q2, X)
10. Keerio, N. and Ahmad, A.R. (2023), "Developing future leaders in Malaysian public universities: the factors influencing execution of succession planning", *Journal of Applied Research in Higher Education*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/JARHE-03-2023-0112>

SEMINARS, GUEST SPEAKER SESSIONS AND OTHER ACTIVITIES DETAILS

1. The Department of MT & IS, ZUFESTM, organised a wonderful talent hunt on 14th November, 2023 across all departments of ZUFESTM. The event establishes a vibrant atmosphere by blending a variety of talents, ensuring an engaging succession of performances. A sequence encompassing Musical acts, poetry Singing, skits, and more.
2. The Department of MT&IS, BBA Semester 6 students at Ziauddin University hosted an amazing activity, Chill & Thrill Winter Bash, on November 14, 2023. This activity was part of a Services Marketing course for BBA final-year students. Students from different Batches of BBA also participated as Volunteers. This activity provided a hands-on experience of managing different events for their future professional lives. At the end of the event, all volunteers and organisers, along with faculty, gathered to celebrate the successful event.
3. The Department of MT&IS hosted an informative session for Morning BBA and M&T Evening students. The session was moderated by Mr. Abu Bakar, founder of 'The Psych Shield,' in collaboration with Sukoon-e-Qalb, and focused on Anger Management among Business Management students and its impact on health and curricular activities. Students actively engaged in the discussion, and the exchange

of thoughts contributed to a meaningful and enriching experience. It was a successful and enlightening session for everyone involved.

4. The MT&IS Department hosted an inspiring session on November 20, 2023, with Mr. Noman Siddiqui, HR Specialist from Transworld Associates. The 'Crafting Mastery Session' delved into resume crafting, job search navigation, and interview excellence. Students studying Morning BBA, Evening Management Technology, and MT&IS all benefited greatly from this educational programme.

5. At Ziauddin University, we value academic excellence. The brilliance of our students always shines brightly in enlightening sessions and informational activities. In a recent milestone, Semester VIII BBA students showcased their expertise in the 'Pre-Thesis Defense Evaluation' session by the Department of Management Technology & Information Science. It was an engaging session with esteemed faculty, including HOD Dr. Saif Ullah and dedicated professors Dr. Nazia Keerio, Miss Sania Zafar, Syed Ghazanfar Ali, and Syed Rashid Ali.

6. Ziauddin University, Faculty of Engineering, Science, Technology, & Management (ZUFESTM) hosted an engaging seminar on "Sequential Exploratory Mixed Method Design for Scale Development." Dr. Mustaq Ahmed, a distinguished scholar with a Ph.D. from SZABIST Karachi, shared insights into Sustainability Studies. His session covered a wealth of information on HR, organisational Performance, and many other insightful topics that would help the students in the real world.

7. The Department of MT&IS at ZUFESTM's North Campus conducted an insightful workshop. Dr. Farhan, Assistant Professor from the Department of Economics & Management Sciences at NED University, made it very informative with his strong knowledge and learnings from experiences. The focus was on 'AI-Powered Systematic Literature Review (SLR) & Bibliometric Review Analysis.' Our PhD students gained valuable experience in literature writing through cutting-edge AI-based technology. Knowledge knows no bounds!

8. Empowering the next generation of researchers! The Department of MT&IS at ZUFESTM's North Campus hosted an enriching session with Mr. Dr. Noman Mahmood, Deputy Director and QEC Coordinator at MITE University. PHD students delved into the world of 'Structural Equation Modelling (SEM) on SmartPLS and AMOS.' Knowledge, innovation, and insights were shared, paving the way for future excellence in handling data by using research tools and software.

9. Ziauddin University's Department of Management Technology and Information Science (MT&IS) eagerly announces an informative webinar scheduled for 7th November 2023, from 2:00 to 4:00 pm. This session is tailored to empower students with the expertise to craft thorough Research Proposals. Focused on the intricacies of Planning and Developing Research Proposals, the webinar features esteemed guest speaker Dr. Abd Rahman Ahmad, Associate Professor, ensuring valuable guidance.

10. The Department of MT&IS at ZUFESTM's North Campus organised a guest speaker session titled "Energy Sector Crisis in Pakistan" for BBA students on September 11, 2023. The session featured Mr. Muhammad Waqas, who currently serves as the Director of Finance & CFO at UEP Wind Power Private Limited, a prominent player in the energy sector. He provided a comprehensive and insightful analysis of the energy sector crisis in Pakistan, drawing from his extensive.

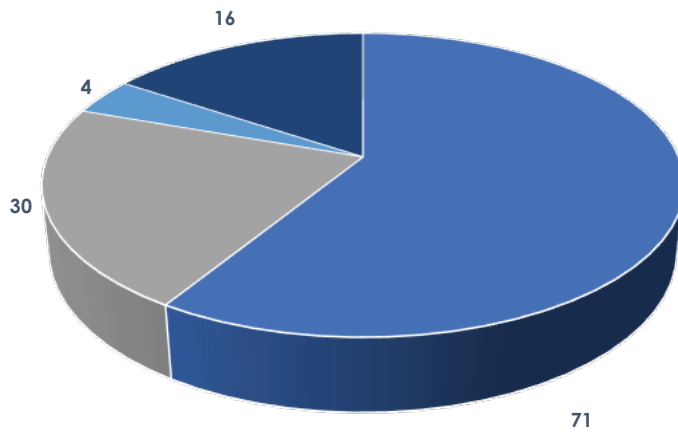
11. The Department of MT&IS organised a guest speaker session for BS MT&IS, BSDS, and MBA students. Mr. Maaz Mohammad Siddiqui, Patron and Ex-President of Youth Intelligentsia, delivered an insightful lecture titled "The Principles of Islamic Economics and International Banking Facilities." The discussion explored the intersection of Islamic economic principles and modern international banking practises. Students gained valuable insights into the topic during this engaging session.

12. The Department of MT&IS at ZUFESTM North Campus arranged a Career Counselling seminar for BBA students on September 6, 2023. Ms. Adeeba Khan Afridi, Founder and CEO of IDRAG - a consultancy and research firm, shared her wisdom on "A Success Marathon for Business Management Students," leaving everyone inspired and motivated for their journey ahead in the business world.

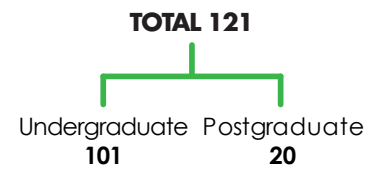
13. The Department of MT&IS, ZUFESTM, conducted an outstanding session on the "Industrialization Process in Pakistan." Dr. Mustafa Raza of the University of Karachi presented fascinating insight on Pakistan's industrial growth, inspiring and enlightening the audience.

14. Mr. Sibte e Raza, a seasoned banker from Bank Al Habib, led an informative talk on "The Evolution of the Banking System in Pakistan" at ZUFESTM, North Campus. Students took part enthusiastically, obtaining vital insights into the fast-paced world of finance.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- BBA
- BS (Management & Technology)
- MBA
- PHD





DEPARTMENT OF BIOMEDICAL ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

ABOUT DEPARTMENT

The Department of Biomedical Engineering was established as the College of Biomedical Engineering in 2009, and its flagship programme was BE Biomedical Engineering. With the passage of time, the college got transformed into a department with many more new initiatives in 2017. Now, the Department has five undergraduate programmes and three postgraduate programmes. Their titles are given below:

- BE Biomedical Engineering (Morning)
- BS Biotechnology (Morning)
- BS Food Science and Technology (Morning)
- BS Microbiology (Morning)
- BS Biomedical Engineering Technology (Evening)
- MS Biomedical Engineering (Weekend)
- MPhil Biotechnology (Weekend)
- PhD Biotechnology (Weekend)

PRINCIPAL OF THE COLLEGE

Saad Jawaid Khan (Prof. Dr.)

Professor/Chairperson, Department of Biomedical Engineering
Ziauddin University

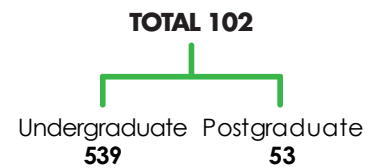
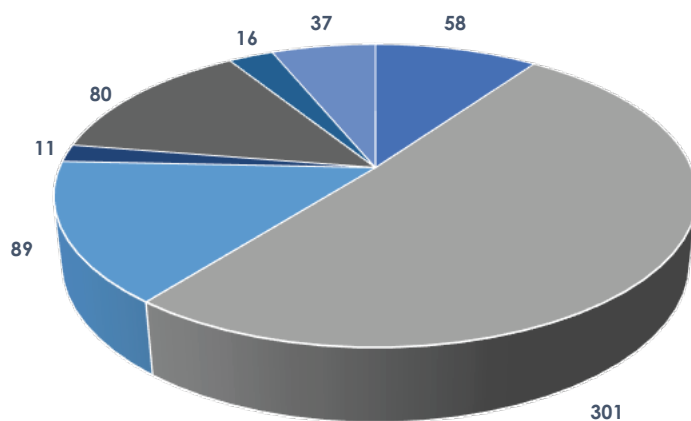
FACILITIES

- Classrooms 8
- Laboratories 10
- Indoor sports room 1
- Faculty offices 02
- Lecture Halls 02
- Conference Hall 01

RESEARCH ACTIVITIES

20 Research Publications

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- BE Biomedical Engineering
- BS Biotechnology
- BS Food Science and Technology
- BS Microbiology
- BS Biomedical Engineering Technology
- MS Biomedical Engineering
- MPhil Biotechnology



DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

ABOUT DEPARTMENT

Established in 2017, the Department of Civil Engineering (DCE) prepares its students to emerge as versatile professionals with diverse technical knowledge, leadership skills, and ethical awareness, driving innovation through sustainable solutions and contributing to socioeconomic advancement.

PRINCIPAL OF THE COLLEGE

Dr. Samia Tariq

Department of Civil Engineering, ZUFESTM
Ziauddin University

FACILITIES

Labs 13

Classrooms 4

Lecture Halls 2

RESEARCH ACTIVITIES AND FUNDING AWARDED

In 2023, 4 research articles were published. In addition, two projects from DCE were selected for funding through the Financing of Final Year Design Projects scheme, an initiative by the Pakistan Engineering Council (PEC) aimed at fostering entrepreneurship among engineering graduates. These projects emphasise innovation and technical proficiency in their final year design endeavours, with a focus on applications in industry and civic infrastructure.

COMMERCIAL TESTING SERVICES

DCE offers commercial testing services to the industry through its laboratory facilities, which include Material Testing and Reinforced Cement Concrete Laboratories. All tests are performed according to recognised national and international standards.

LAUNCHING OF NEW PROGRAMME

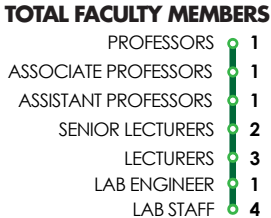
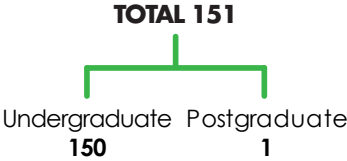
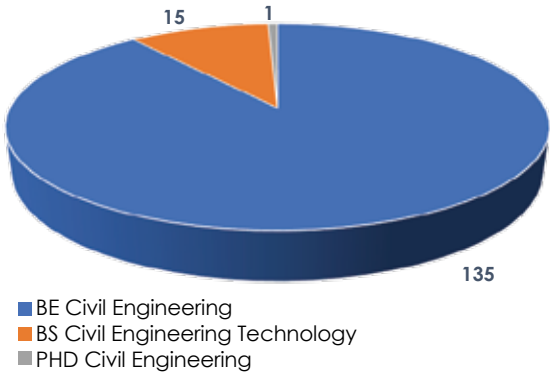
DCE has recently launched the Masters of Science in Civil Engineering programme (MS Civil Engineering). The MS Civil Engineering programme at DCE takes a multidisciplinary and sustainable approach to develop an understanding of advanced knowledge, related analytical and problem-solving capabilities, and the challenges of management and execution of engineering designs with regard to Civil Engineering.

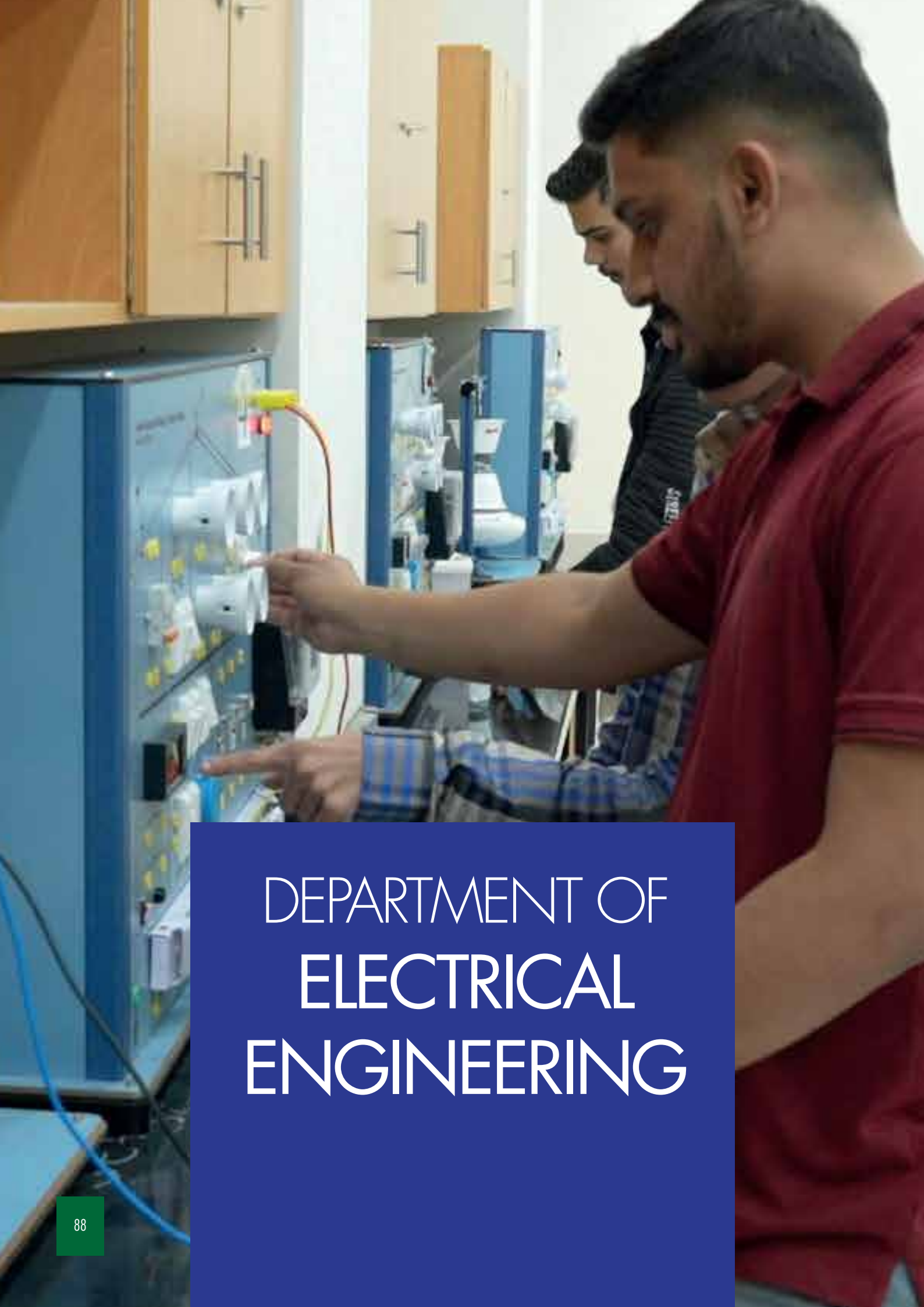
PROGRAMMES OFFERED

DCE is currently offering the following programmes:

S. No.	Programme	Year of Commencement
1.	BE Civil Engineering	2017
2.	BS Civil Engineering Technology	2018
3.	MS Civil Engineering	2023
4.	PhD Civil Engineering	2022

NUMBER OF STUDENTS ENROLLED PER PROGRAMME





DEPARTMENT OF ELECTRICAL ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

ABOUT DEPARTMENT

The Department of Electrical Engineering, established in 2017 under the Ziauddin University Faculty of Engineering, Science, Technology, and Management (ZUFESTM), has the primary goal of producing high-quality scientists for research and development, as well as engineers and technologists equipped with the necessary skill set to meet market demands. The department offers three undergraduate and two postgraduate programmes, all of which are approved by the Higher Education Commission (HEC) and their respective accrediting councils. Furthermore, the department boasts state-of-the-art laboratories for both undergraduate and postgraduate students, along with research facilities, and is staffed by a highly qualified faculty with extensive industrial and academic experience in their respective areas of expertise.

HEAD OF THE DEPARTMENT

Dr. Muhammad Yousuf Irfan Zia

PROGRAMMES OFFERED BY THE DEPARTMENT OF ELECTRICAL ENGINEERING

BE Electrical Engineering
BS Internet of Things
BS Electrical Engineering Technology
MS Electrical Engineering
PhD Electrical Engineering

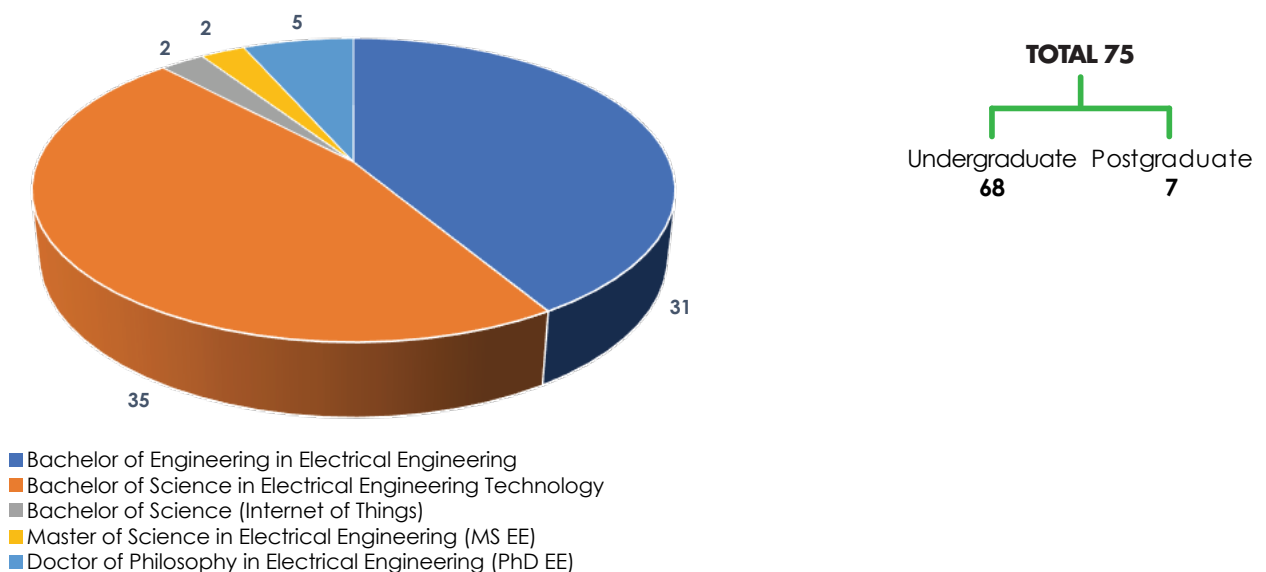
FACILITIES

No. of Faculty members 8
Total No. of Dedicated Labs 6
Classrooms 4
Lecture Halls 2
Conference Hall 1
University Transport Service
Indoor and Outdoor Games

RESEARCH ACTIVITIES

Research and Publications (2022 - 2023) = 12
Funded Projects by NGIRI (2022 - 2023) = 10

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



```
import ArrowIcon from './assets/icons/arrow.svg';  
import BoltIcon from './assets/icons/bolt.svg';  
import RightArrowIcon from './assets/icons/right-arrow.svg';  
  
import { useState, useEffect, useRef } from 'react';  
import { Transition } from 'react-transition-group';
```

```
"eslintConfig": {  
  "extends": "react",  
  "react": {
```

DEPARTMENT OF
COMPUTER SCIENCE
AND
SOFTWARE
ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND SOFTWARE ENGINEERING

ABOUT DEPARTMENT

The department was established in 2017 with the name Software Engineering; later, in 2020, the name of the department was changed to the Department of Computer Science and Software Engineering (CS & SE). At the forefront of innovation and education, CS & SE department stands as a beacon of excellence in the world of computing. We are thrilled to introduce our comprehensive range of programmes that encompass the dynamic fields of Computer Science, Software Engineering, Data Science and Cyber Security Technology. As technology continues to reshape our world, our department is dedicated to equipping students with the knowledge, skills, and mindset necessary to thrive in this rapidly evolving landscape. Our commitment to fostering intellectual curiosity, technical proficiency, and real-world problem-solving is reflected in the diverse array of programmes we offer. Whether you aspire to unravel the intricacies of algorithms, build robust software solutions, or extract invaluable insights from data, our department provides a platform for you to achieve your ambitions.

CHAIRPERSON OF THE DEPARTMENT

Prof. Dr. Sheikh Muhammad Munaf

PI- NCBC DAPPA Lab

FACILITIES

Fully Equipped High End Computing Labs 4

Classrooms with Multimedia Facility 8

Seminar Hall 1

FYP Lab working stations 10

NCBC Lab 1

RESEARCH HIGHLIGHTS

In 2023-2024, 5 Journal Articles were published in high impact journals relevant to Computing discipline.

Best Student Research Paper Award in International Conference on Artificial Intelligence and Emerging Technologies, November 29-30, 2023

3 Final Year Projects received Grants from NIGRI

15 Ignite Project Grants are applied this year

1 MOU between Computer Science and Software Engineering Department and Ziauddin Hospital for Digital data Access for Projects.

1 Postgraduate Policy approval drafted for Liaquat University of Health and Medical Sciences (LUHMS)

3 Research Seminars conducted for Final Year Projects

2 workshops were conducted on Robotics and Artificial Intelligence

11 IP disclosure forms submission

2 IP Patents submissions

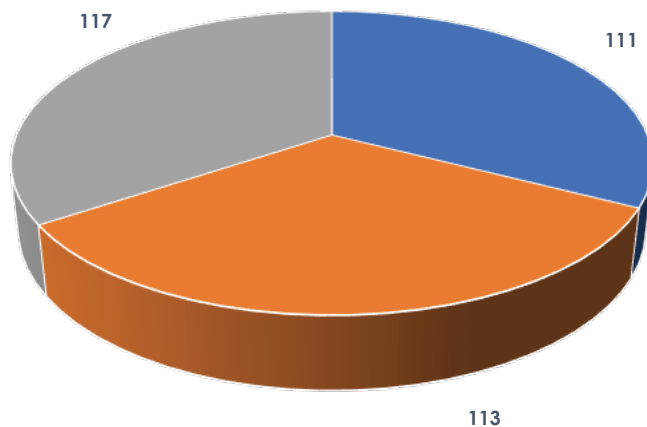
CS AND SE DEPARTMENT LAUNCHED CYBER SECURITY TECHNOLOGY PROGRAMME

The digital world has evolved into a stage for creativity and a front line for cyber-attacks in a time when technology is moving forward at an unrelenting pace. We find ourselves in a never-ending struggle to safeguard the very foundations upon which our contemporary society is founded—our data, our privacy, and our vital infrastructure—even as we embrace the digital age with open arms. The ground-breaking field of BS Cyber Security Technology is positioned to influence how cybersecurity will develop in the future. It is born within this dynamic environment. We explore the deep workings of cybersecurity in this thrilling voyage, where algorithms and artificial intelligence collide with moral conundrums and legal frameworks. To address the human aspects of cybersecurity, we not only go into the depths of cryptography, penetration testing, and incident response, but also into the spheres of psychology, ethics, and policy. This is more than simply a programme; it represents a fundamental shift in how we view and protect our digital environment.

PROGRAMMES OFFERED AND LAUNCH DATES:

S.no	Programme	Years of Commencement
1	B.S. Software Engineering	2017
2	B.S. Data Science	2018
3	B.S. Computer Science	2021
4	B.S. Cyber Security Technology	2023

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- Computer Science
- Software Engineering
- Cyber Security Technology

TOTAL 362
|
Undergraduate
362



FACULTY OF LAW, POLITICS & GOVERNANCE

FACULTY OF LAW, POLITICS & GOVERNANCE

DEAN'S MESSAGE

Greetings!

At Ziauddin Law, we believe lawyers have a special responsibility towards society. We find new ideas, combine theory and practice, and incorporate ethics, professionalism and integrity into everything we do.

We aim to proactively assist in placing students on the path to success in a wide range of possible careers. Our close proximity with top-tier law firms, the corporate and IT sectors, NGOs and medicine collectively enable us to give our students a broader and more enriching experience. We are able to bring in a wide range of adjunct faculty members to teach specialised courses and offer internships and job opportunities for our law graduates.

On behalf of our students and faculty, I am pleased to invite you to consider Ziauddin University as an excellent place to study law and to make lasting relationships. I hope to see you soon.

All the best,

Shaaista Sarki

Dean

CENTRE FOR INTERNATIONAL AND CONSTITUTIONAL LAW

This centre addresses developments in areas of public law. The focus of the centre is on how this impacts on people here in Pakistan. We will conduct student and staff led research into the Constitution and general laws of Pakistan and its international obligations, but will also take a comparative approach. This will involve consideration of other legal systems.

ONGOING PROJECTS:

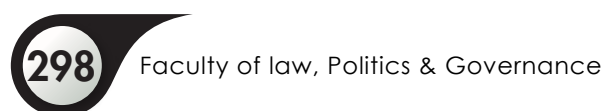
- Comparative analysis of the Constitutions of Pakistan and the United Kingdom
- Codification of the United Kingdom Constitution
- Abortion law in the United States Constitution
- Student Blogs
- Student research projects derived from PIL classwork
- Regular podcast
- Regular blog

Journal publications on strategic bombing

RESEARCH PROJECTS (WITH RSIL) ON:

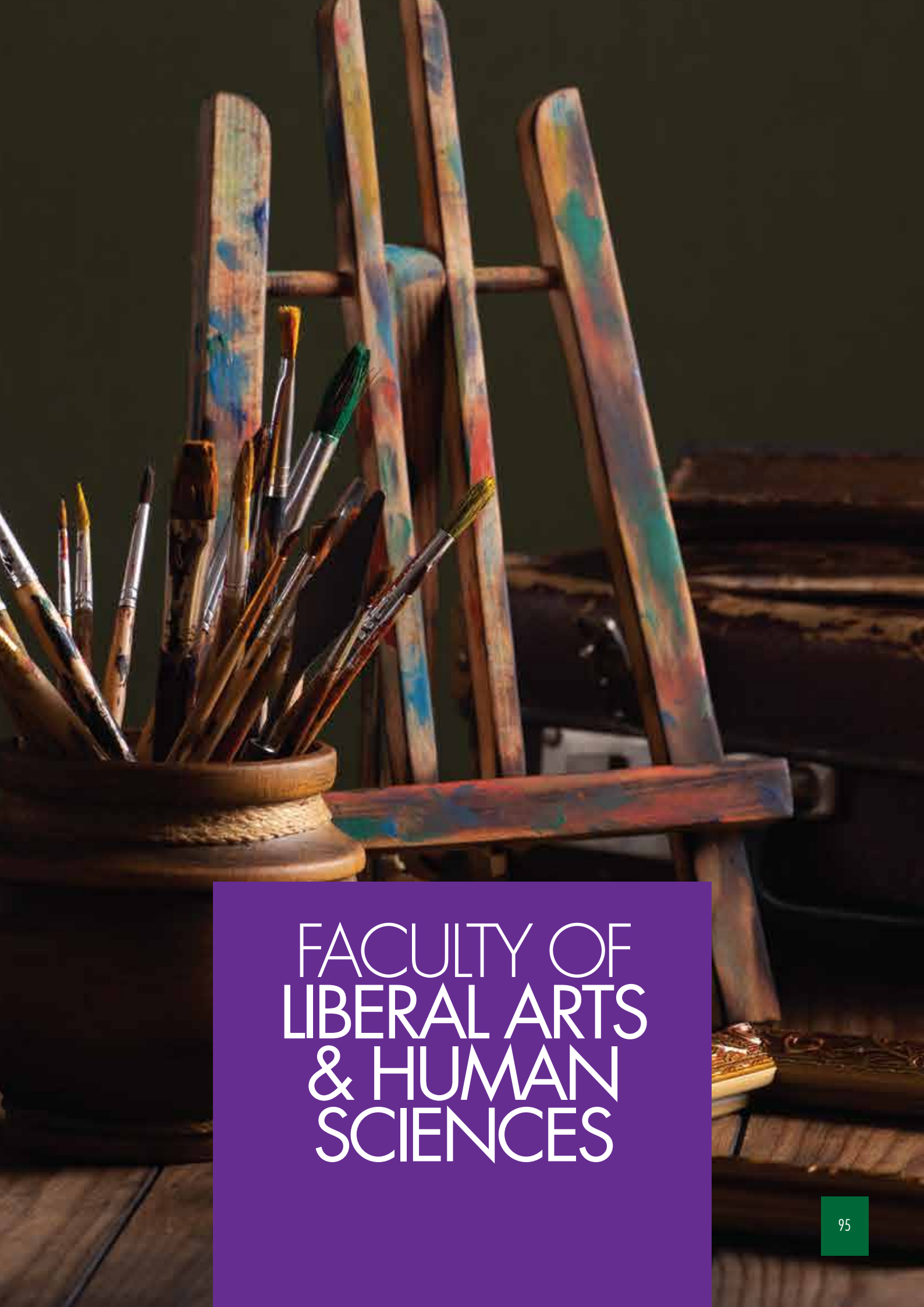
- Gaza
- Drone warfare
- The law of armed conflict

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



TOTAL 298

Undergraduate
298



FACULTY OF
LIBERAL ARTS
& HUMAN
SCIENCES

FACULTY OF LIBERAL ARTS & HUMAN SCIENCES

DEAN'S MESSAGE

Our mission in the Faculty of Liberal Arts and Human Sciences (FLAHS) is to provide students with a broad knowledge of the world to maximize their potential and engagement with human issues as citizens of a globalised and increasingly technological world. Ziauddin University has always recognised the importance of other disciplines and recently established liberal arts education. We are one of the youngest faculty at Ziauddin University and are making an impact in society. The Faculty of Liberal Arts and Human Sciences has four colleges; College of Media Sciences (ZCOMS), College of Languages, Literature and Culture (CLLC), College of Education (COE) and College of Clinical Psychology (CP).

- The College of Media Sciences imparts knowledge about people through aesthetic impressions. An appreciation of visual design, fine arts and performing arts transcends all disciplines and is fundamental to human nature.
- The College of Languages, Literature & Culture stimulates students to raise questions about their roots, their present situation, their future options and how to communicate well in written, oral, visual, and electronic formats, articulate and support their point of view, and understand context.
- The College of Education facilitates pursuing additional qualifications to become a teacher, where you can use your breadth of knowledge to help a wider range of students or to teach a wider range of subjects.
- The College of Clinical Psychology integrates research, theories, and the practitioner's knowledge to understand their client and help them address their challenges and prevent psychological distress and dysfunction.

FLAHS teaches the skills that are most valued by today's employers and graduate schools and fosters students' self-understanding, helping them to develop values as they consider moral issues or raise important ethical questions.

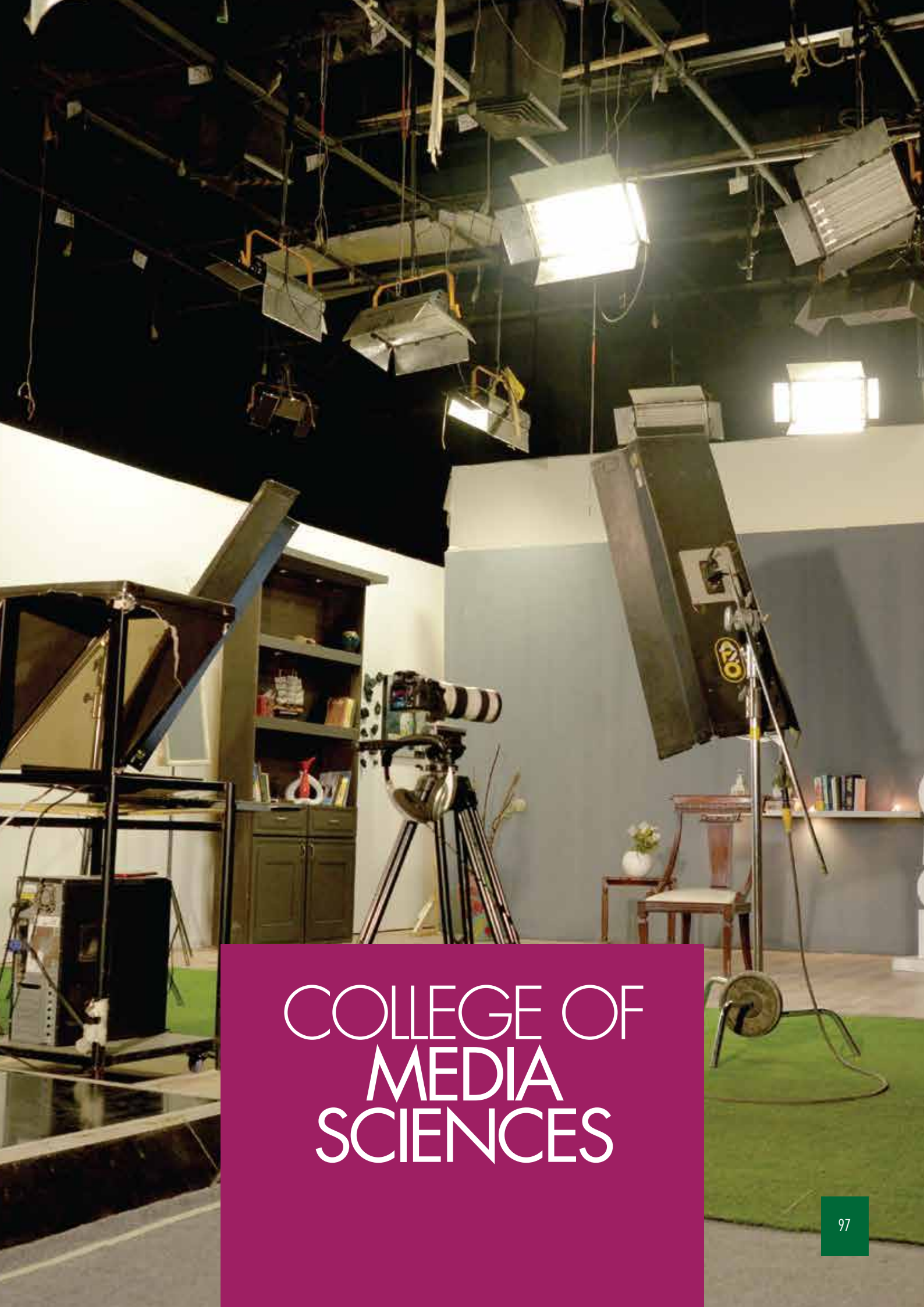
We welcome you to join our various programmes to discover your fullest potential and fulfil your dreams, as well as to strive for a better tomorrow, both for yourself and future generations.

Dr. Shehla Najib Sidiki

Dean, Faculty of Liberal Arts & Human Sciences
Ziauddin University

COLLEGES/DEPARTMENT

- College of Media Sciences
- College of Languages, Literature and Culture
- College of Education
- College of Clinical Psychology



COLLEGE OF MEDIA SCIENCES

COLLEGE OF MEDIA SCIENCES

ABOUT COLLEGE

Ziauddin College of Media Sciences (ZCOMS) is a gateway to excellence in Pakistan's booming media landscape. In a dynamic industry that evolves by the minute, ZCOMS stands as a beacon of innovation and proficiency, nurturing the next generation of media professionals. ZCOMS addresses the burgeoning demand for adept media professionals through a comprehensive blend of academic rigor and hands-on experience. We boast cutting-edge production facilities, a vibrant FM radio channel, and a partnered digital media agency, offering students an immersive journey from theory to practice. Here, education transcends the confines of the classroom, empowering students with real-world skills long before they embark on their careers.

At ZCOMS, diversity isn't just a buzzword—it's our foundation. We embrace students from all walks of life, fostering an inclusive environment where every voice is heard and valued. Our mission goes beyond academic prowess; we strive to cultivate global citizens who embrace cultural diversity and champion social equity. With the rich courses spanning liberal arts and technical disciplines, ZCOMS equips graduates with not only technical expertise but also a deep appreciation for the multifaceted world around them.

PROGRAMMES OFFERED

BS (CMS) Bachelor of Studies in Communication & Media Sciences

This programme covers a variety of liberal arts and technically-oriented subjects covering theoretical, historical, analytical, critical, and performance approaches to communication processes and media. At the end of the four-year programme, the graduates are equipped with the necessary technical and professional orientation to qualify for jobs in business or institutions that require effective communicators, as well as the background needed to pursue further education in communication or related fields.

The BS CMS Programme offers the following specialisations:

- Film & TV
- Journalism
- Communication Design

BS (DMM) Bachelor of Studies in Digital Media Marketing

This programme offers students an opportunity to learn the skills of creating, processing, manipulating and promoting digital content through modern technologies. The programme prepares students in the areas of marketing through creativity and the latest digital media technologies to promote brands and ideas. BS Digital Media Marketing programme is developed to impart solid theoretical and practical skills involving the latest digital and online technologies. Graduates from the BS Digital Media Marketing degree can pursue a number of careers, such as digital content development, digital marketing, web development, data analytics, generative AI, and digital graphic design, among others.

FACILITIES

Campus Radio, ZU FM 98.2

Campus radio, ZU FM 98.2, provides students with a platform to reach out to the masses. The students of ZCOMS discover their talent here and become radio jockeys, producers, and editors for live and recorded shows. Students are engaged with the radio station as early as their first year. Getting to know the operations of a radio station and developing content under faculty supervision are all part of this wonderful experience.

Film & TV Production Facilities

ZCOMS has a fully functional state-of-the-art production facility equipped with spacious production studios, a sound studio, and an editing facility where students get to work on film, video, and photography projects following processes precisely as practiced in the professional world.

Sound & Audio Facilities

Any production without proper focus on sound is worthless. At ZCOMS, students are trained on professional audio equipment consisting of mixers, professional microphones, digital audio interfaces, MIDI controllers, etc. They learn the skills of audio production and the art of sound design using these facilities.

Fully Equipped Computer Labs and Lecture Halls

Spacious, well-lit and comfortable lecture halls and computer labs are fully equipped with all the facilities necessary for learning. The labs are equipped with modern, high end PCs with high speed internet connectivity, multimedia projection and sound systems. The lecture halls are also equipped with high end PCs, multimedia projections, and sound systems. Wi-fi internet connectivity is also provided to the students free of charge.

Digital Media Agency

At the affiliated digital media agency, East River, the students gain firsthand working experience in digital communication and campaign development. East River is a digital ad agency that specialises in creating innovative digital content for specific business needs. It specialises in creating brand visibility with a unique blend of strategy, creativity, and technology.

FACULTY MEMBERS

Dr. Shehla Najib Sidiki

Associate Professor/Dean and Acting Principal Faculty of ZCOMS

Dr. Shehla Najib Sidiki is the Dean of Liberal Arts and Human Sciences. She completed her PhD in Crisis Management and Leadership with a focus on managing crises in Higher Education Institutes. She is an academician and administrative professional with extensive experience in heading and running programs. During her career spanning 25 years, she has taught and trained over 6000 students both at the undergraduate and graduate level in the areas of Personal Management, Human Resource Management, Leadership, Crisis Management, Managerial Communication, Entrepreneurship, Research Methodology and Media Psychology. She initiated the Media Programme, BS Entrepreneurship Programme, EMBA and an International undergraduate Programme affiliated with the Coventry University at SZABIST. Her achievement comes from in her ability to start new programs and make them successful. She has ongoing research projects and publications in peer reviewed journals which she has presented at various conferences. She had been Chairperson of Sexual Harassment at SZABIST for 6 years and has strong work ethics and is an expert in instigating appropriate mannerism in a working environment. Her satisfaction comes from seeing students develop from their initial immature naïve self to well groomed, ready to combat the world types. She is a great believer of living life to the fullest.

Mr. Latif Abbasi

Associate Professor

Latif Abbasi has an M.Phil. in marketing from Iqra University and an MBA from Southeastern University in Washington, DC. He possesses over 24 years of teaching experience at the bachelor, master, and

corporate levels and over 15 years of industry experience, which includes consultancy, research, multimedia, information technology, and music production. Currently, he is working as an Associate Professor Ziauddin College of Media Sciences, Karachi. He specialises in media development, with a focus on multimedia, imaging, digital audio and video, music production and other relevant digital technologies.

Mr. Ata Syed

Assistant Professor

Ata Syed has a master's in advertising degree as well as an MBA from Iqra University. He has 16 years of industry experience in engineering, graphic design, networking, databases, and programming, as well as more than 15 years of teaching at the bachelor and master's levels. Currently, he is working as an Assistant Professor at Ziauddin College of Media Sciences, Karachi. He is an avid typographer and has published hundreds of typefaces that are available online for free. He also dabbles in abstract paintings in his spare time.

Dr. Muhammad Rehan

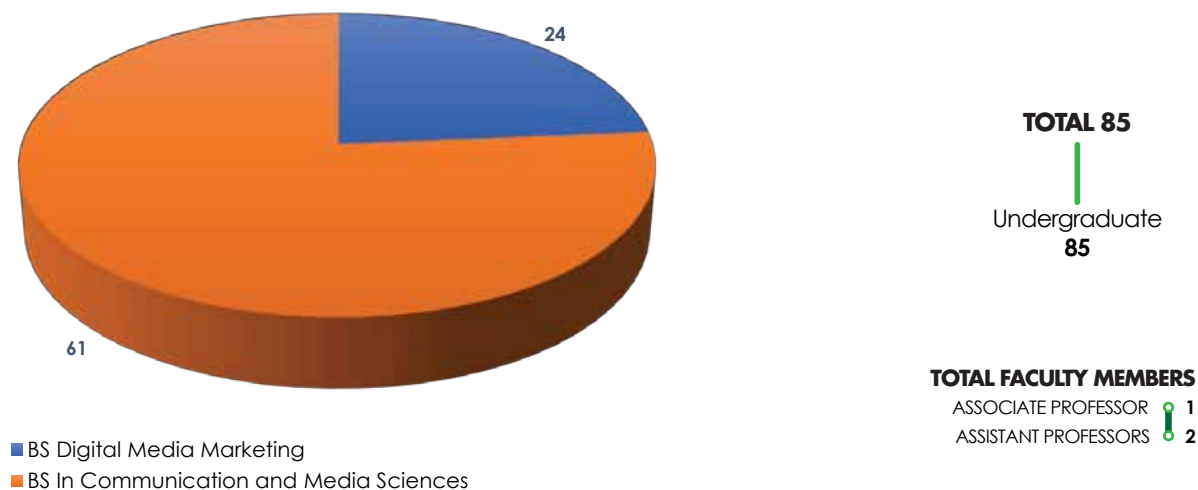
Assistant Professor

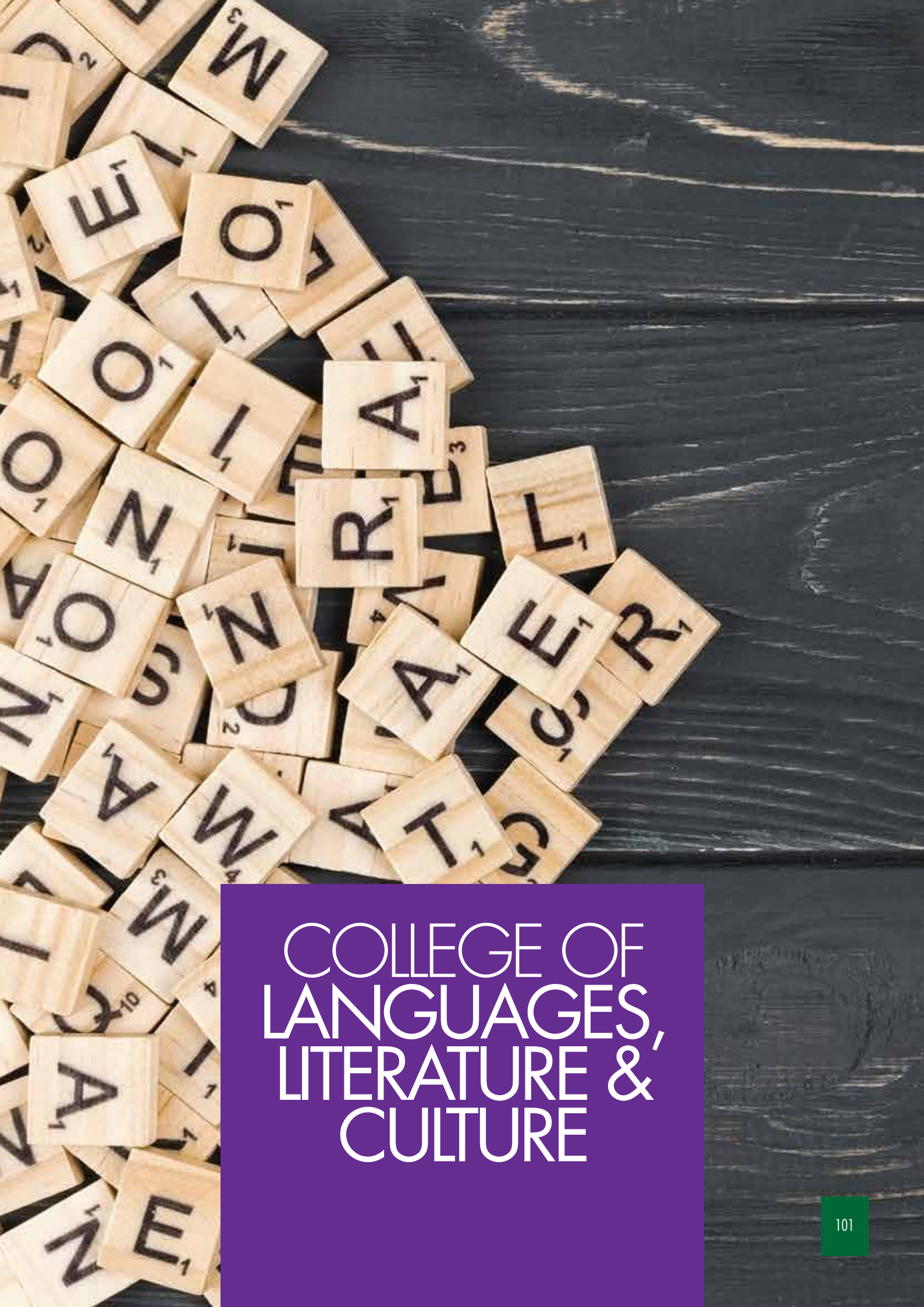
Dr. Muhammad Rehan completed his PhD degree in Media Studies from Islamia University, Bahawalpur. He is working as an "Assistant Professor" at Ziauddin College of Media Sciences, Karachi. Dr. Rehan possesses 6 years of experience in marketing and has published 2 articles on "Impact of TV Dramas on the Youth of Punjab".

ALUMNI

The students who have graduated from ZCOMS have been well equipped with the theoretical knowledge and practical skills to step into the professional world. The alumni are employed in several prestigious organisations, including advertising and digital media agencies, media buying houses, TV channels and production houses. Besides, many graduates have established themselves as independent professionals, providing their professional services to clients from varied industries.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME





COLLEGE OF LANGUAGES, LITERATURE & CULTURE

COLLEGE OF LANGUAGES, LITERATURE & CULTURE

ABOUT COLLEGE

Our college offers a diverse range of programs designed to enhance linguistic proficiency, critical thinking, and cultural understanding. From mastering languages and exploring the depths of literature to understanding the intersection of various disciplines such as sociology, psychology, gender studies, history, anthropology and education, our curriculum is designed to broaden your horizons and develop your intellectual capabilities. At the College of Languages, Literature & Culture, we strive to create an enriching learning environment. Our experienced faculty members employ innovative teaching methods that promote interactive learning, critical analysis, and creative expression. We encourage students to engage in academic discussions, seminars, and workshops, fostering intellectual growth and collaborative learning. We provide state-of-the-art facilities to support your educational journey. Our well-stocked libraries, and multimedia resources offer you the tools and resources necessary to excel in your studies. The college also organizes various educational activities such as literary events, cultural festivals, and guest lectures to enhance your learning experience and expose you to diverse perspectives.

Upon graduating from the College of Languages, Literature & Culture, students will be equipped with valuable skills that open doors to rewarding career opportunities. Students can pursue careers in fields such as education, translation and interpretation, journalism, research, social change and development, cultural organizations, and more. Our programs prepare you to become effective communicators, critical thinkers, and agents of positive change in society.

PROGRAMMES OFFERED

BS English:

The 4 year BS Programme allows students the freedom to choose and study a wide range of subjects, both within their Major and Minor as well as General Education courses to follow their diverse interests. By selecting a major the students will be provided with a strong foundation in one concentrated area of study. While the option to choose a minor from related disciplines can help them widen both their knowledge base and skill sets to follow a range of career options in their desired field. It's a comprehensive and dynamic programme designed to equip students with a deep understanding of literature and linguistics. The programme's objectives are to foster a strong foundation in English studies, develop analytical and communication skills, and cultivate a passion for lifelong learning and literary exploration.

The BS program aims to develop graduates with critical thinking and other 21st century skills such as creativity, collaboration, communication as well as problem-solving skills rated highly by employers. This will provide them with the cutting-edge skill set required to fulfil the changing requirements of the workforce in this fast-changing technological world.

BS Social Change and Development:

The 4-year BS Social Change & Development (SCD) Program provides students with a wide range of careers prospects both locally and internationally that contribute in social change at varied levels. The SCD Program intends to nurture an inter-disciplinary and comprehensive understanding of the complex problems of development and social change and integrates social sciences disciplines such as anthropology; economics; political science and sociology along with contemporary thematic studies such as Gender and development; community engagement for sustainability and change; and conflict & alternative dispute resolution. This program allows students to solve a range of social change and development problems using a PBL approach by investigating, analyzing and synthesizing complex information with available resources. The SCD Program equips its students with a thorough theoretical understanding together with hands-on and practical training. This programme allows students to solve a range of social change and development problems using a Problem-Based Learning (PBL) approach by investigating, analyzing and synthesizing complex information with available resources.

FACILITIES

Lecture Halls
Classrooms Equipped with multimedia
Multi-Purpose Room for Student Activities
Digital Research Resources
Learning Resource Centre
Literary Club
Book basket

FACULTY MEMBERS

Dr. Shehla Najib Sidiki

Associate Professor/Dean and Acting Principal Faculty of CLLC

Dr. Shehla Najib Sidiki is the Dean of Liberal Arts and Human Sciences. She completed her PhD in Crisis Management and Leadership with a focus on managing crises in Higher Education Institutes. She is an academician and administrative professional with extensive experience in heading and running programs. During her career spanning 25 years, she has taught and trained over 6000 students both at the undergraduate and graduate level in the areas of Personal Management, Human Resource Management, Leadership, Crisis Management, Managerial Communication, Entrepreneurship, Research Methodology and Media Psychology. She initiated the Media Programme, BS Entrepreneurship Programme, EMBA and an International undergraduate Programme affiliated with the Coventry University at SZABIST. Her achievement comes from in her ability to start new programs and make them successful. She has ongoing research projects and publications in peer reviewed journals which she has presented at various conferences. She had been Chairperson of Sexual Harassment at SZABIST for 6 years and has strong work ethics and is an expert in instigating appropriate mannerism in a working environment. Her satisfaction comes from seeing students develop from their initial immature naïve self to well groomed, ready to combat the world types. She is a great believer of living life to the fullest.

Ms.Hina Khan

Assistant Professor and Academic Coordinator

Ms. Hina Khan, a dedicated senior lecturer in English Literature and Linguistics, blending her expertise in HR from an MBA with her passion for teaching. With a Master's degree in English Language Teaching, she's been shaping young minds for the past nine years. Currently, she serves as the academic coordinator of the College of Languages, Literature, and Culture (CLLC), Ziauddin University, Karachi, where she continues to inspire both students and educators alike. She is continuing to excel in operational academic duties and effective organization of the CLLC, constantly thriving in complying and encouraging the faculty to adapt current educational trends and pedagogies. Also, she is pursuing her M.Phil. Education (Leadership and Management) and has a constant participation in MOOCs, webinars, and workshops offered by TEFL Asia, Trinity College London, UK and American English, Online Professional Network Series, Department of State, U.S.

Mr. Zahid Yaseen

Lecturer

Mr. Zahid Yaseen is a lecturer at the College of Languages, Literature and Culture. With a master's degree in English Literature from the University of Karachi, he has been a part of CLLC since September 2021 and is highly passionate about educating others. Being a literature degree holder and an enthusiastic learner, Mr. Zahid's research interests lie in the domains of English Literature, Urdu Literature, Philosophy, History, and Political Science. His research areas range from socio-political literature and existentialism in English literature to postcolonial Urdu Literature.

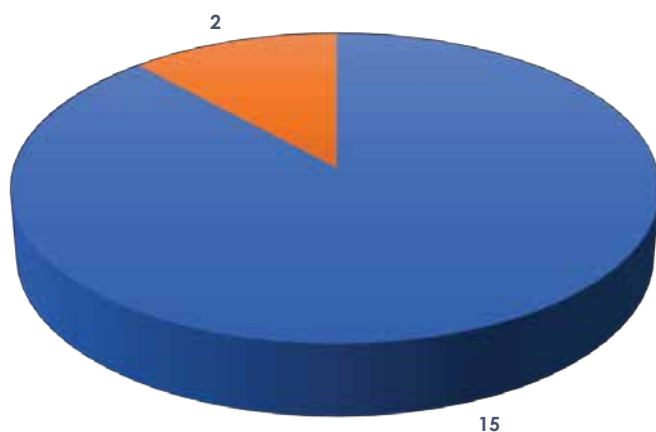
Having completed the IELTS Preparation Course from the TEFL Institute of Ireland, Zahid is well-versed in the intricacies of the exam and adept at guiding students through the preparation process. Previously, Mr. Zahid has taught at various academic institutes. Besides, he has extensive experience in content marketing, in which he has served within multiple industries and niches.

Ms. Fasiha Irfan

Lecturer

Fasiha Irfan is a lecturer at the College of Languages, Literature and Culture. She received her Master's in Arts from Karachi University in 2020 and is currently pursuing her M.Phil. in English Literature from the said institute. She has previously taught at various prestigious institutions like Bahria University, Greenwich University, IoBM, and Karachi University. She is also passionate about poetry and has been published in numerous anthologies and magazines. Her research interests include Feminism, Dystopian literature, and Science Fiction literature.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME

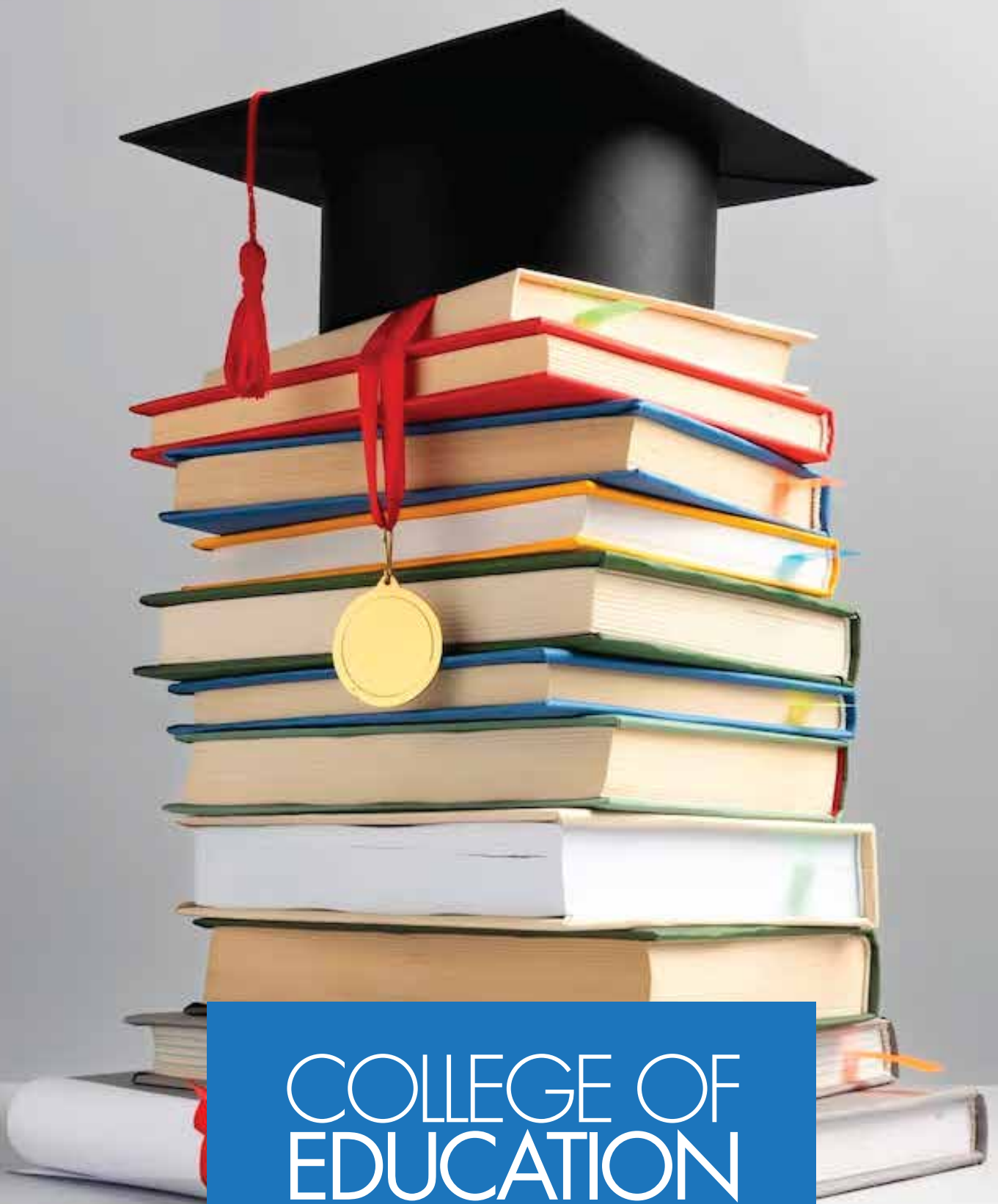


■ BS English ■ BS Social Change and Development

TOTAL 17
Undergraduate
17

TOTAL FACULTY MEMBERS CLLC & TLC

- Associate Professors 1
- Assistant Professors 2
- Senior Lecturers 2
- Lecturers 10



COLLEGE OF
EDUCATION

COLLEGE OF EDUCATION

ABOUT COLLEGE

College of Education at Ziauddin University, a highly regarded institution in the field of education, we are committed to providing exceptional academic programmes and fostering the development of future educators. Our college offers a wide range of programmes designed to prepare aspiring teachers with the necessary knowledge and skills to excel in their careers.

In our programmes, we provide a comprehensive curriculum that combines theoretical knowledge with practical teaching experiences. Students will learn effective teaching methodologies, classroom management techniques, educational psychology, curriculum development, and assessment strategies. Our goal is to equip students with the necessary skills and competencies to become competent and compassionate educators.

At the College of Education, we believe in creating a supportive and nurturing learning environment. Our dedicated faculty members are experienced professionals who are passionate about teaching and mentoring students. They employ innovative teaching methods, including interactive lectures, discussions, case studies, and hands-on teaching practice, to ensure an engaging and enriching learning experience.

The college is equipped with modern facilities to facilitate effective learning. We have well-equipped classrooms, computer labs, and libraries, to support students in their academic endeavors. We actively engage our students in various educational activities, including workshops, seminars, guest lectures, and educational conferences. These activities provide students with opportunities to network with professionals in the education field, gain insights into current trends and research, and enhance their professional development.

Upon graduation, students from the College of Education have a wide range of career opportunities. They can pursue careers as teachers in public and private schools, educational consultants, curriculum developers, educational administrators, and researchers. Our comprehensive programmes and practical experiences prepare students to make a positive impact in the field of education and contribute to the development of society.

PROGRAMMES OFFERED

B.Ed(HONS)

The Bachelor in Education Degree Programme is offered as per the HEC guidelines and road map, which provide entry at different levels.

After Higher Secondary School Certificate or A levels -4 years, after Associate degree 2 years, after BA/BSC B.Com 2.5 years and after BS/ MA/ MSc /M.Com 1.5 years, At CoE students are enrolled in 4 years and 1.5 years degree programme

BS Education & Psychology (4 years)

The primary aim of the Education and Psychology Programme at Ziauddin University is to facilitate the development of concepts, principles, modern methods, and the important theoretical foundations necessary to understand the process of learning with a view to identifying and analysing educational problems and suggesting relevant solutions. The programme prepares professionals who are competent in the science that studies human behaviour in educational situations during the learning process. This includes the study of the psychological requirements of the educational process.

FACILITIES

Housed at a school campus, there are Cooperative Learning Classrooms / IT Labs 2 Technological Tools: All-in-One & EyeRis, laptops for students, and a reading space.

FACULTY MEMBERS

Dr. Shehla Najib Sidiki

Associate Professor/Dean of Liberal Arts and Human Sciences.

Dr. Shehla Najib Sidiki is the Dean of Liberal Arts and Human Sciences. She completed her PhD in Crisis Management and Leadership with a focus on managing crises in Higher Education Institutes. She is an academician and administrative professional with extensive experience in heading and running programs. During her career spanning 25 years, she has taught and trained over 6000 students both at the undergraduate and graduate level in the areas of Personal Management, Human Resource Management, Leadership, Crisis Management, Managerial Communication, Entrepreneurship, Research Methodology and Media Psychology. She initiated the Media Programme, BS Entrepreneurship Programme, EMBA and an International undergraduate Programme affiliated with the Coventry University at SZABIST. Her achievement comes from in her ability to start new programs and make them successful. She has ongoing research projects and publications in peer reviewed journals which she has presented at various conferences. She had been Chairperson of Sexual Harassment at SZABIST for 6 years and has strong work ethics and is an expert in instigating appropriate mannerism in a working environment. Her satisfaction comes from seeing students develop from their initial immature naïve self to well groomed, ready to combat the world types. She is a great believer of living life to the fullest.

Rana Hussain

M Ed. University of Toronto (Canada) Principal College of Education Ziauddin University Director Ziauddin Schools and Colleges Director Curriculum Ziauddin Examination Board Ex Head Academic Programmes Aga Khan University Institute for Educational Development Technical Adviser Curriculum (Sind Curriculum Council) Secretary Teachers Resource Centre

Madam Rana Hussain is an experienced educational leader with over 50 years of work experience in the field of education. Since the beginning of her career in 1967, she has held various positions, including Principal, Academic Advisor, Director, and Head of Academic Programmes. She is an expert and has extensive experience in teacher education, curriculum development, and educational management. She is a Master's in Education from the University of Toronto and has been actively involved in research, scholarly activities, and community work throughout her career. She has worked on notable projects funded by USAID and the European Union, contributing to the improvement of education in Pakistan. Currently, she is holding the positions of Principal of College of Education at Ziauddin University, Director Ziauddin Schools and Colleges and Director Curriculum ZUEB.

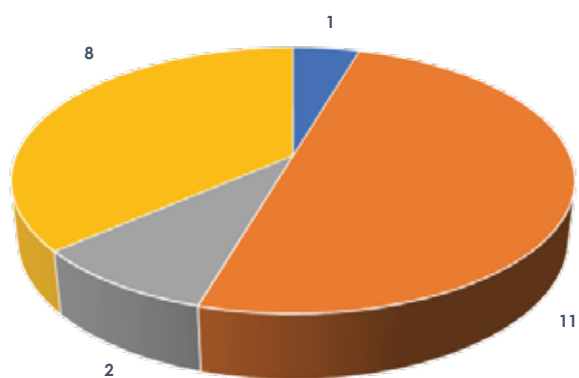
Professor Dr. Muhammad Yousuf Sharjeel

Prof. Dr. Muhammad Yousuf Sharjeel's doctoral specialization is in psycholinguistics and in special education. Dr. Sharjeel received gold medals in his Bachelors, Masters M.Phil degree programmes. He is currently pursuing his postdoctoral research in Islamic entrepreneurship from the International Islamic University Islamabad. He taught in the Gulf countries for over six years. He received his teaching license from the Ministry of Education, Abu-Dhabi. He commenced his higher education teaching career at Iqra University and later served IoBM as associate professor, SZABIST as professor of PhD and MS research supervision, AKU- IED, as external examiner of M.Ed. research theses. He has published more than 50 research articles in national and international journals including HJRS, W, X and Y categories. Currently, he is serving as professor at the College of Education, Faculty of Liberal Arts and Human Sciences. Dr. Sharjeel's areas of expertise include quantitative research, statistical analysis, psychology, English language programmes and teacher education. Dr. Sharjeel has also been a trainer and resource person in many HEC training sessions across Pakistan and trained faculty members in testing and item writing.

Noor-e-Sahar

Ms. Noor-e-Sahar is a Senior Lecturer Digital Literacy, Educational Technology Specialist, Digital Transformation Evangelist, at the College of Education, FLAHS Ziauddin University. Her qualifications include Masters in Information Technology & Economics, certified Teacher Trainer from University of Cambridge, Distinction holder for Diploma in Teaching and Learning from University of Cambridge. With more than 20 years of experience, she is a dynamic professional who have been working with renowned institutions around the country. Her areas of expertise include trainings for educational technology, focused pedagogy and its effective implementation through technology embedded curriculum and Understanding by Design. She is also a specialist in digital transformation, utilizing technology, and influencing cultural change and managing syllabus through Project Based & Inquiry Based Learning and assessing. She is a trainer for MOOC, blended learning and Hybrid and Hyflex teaching practices.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



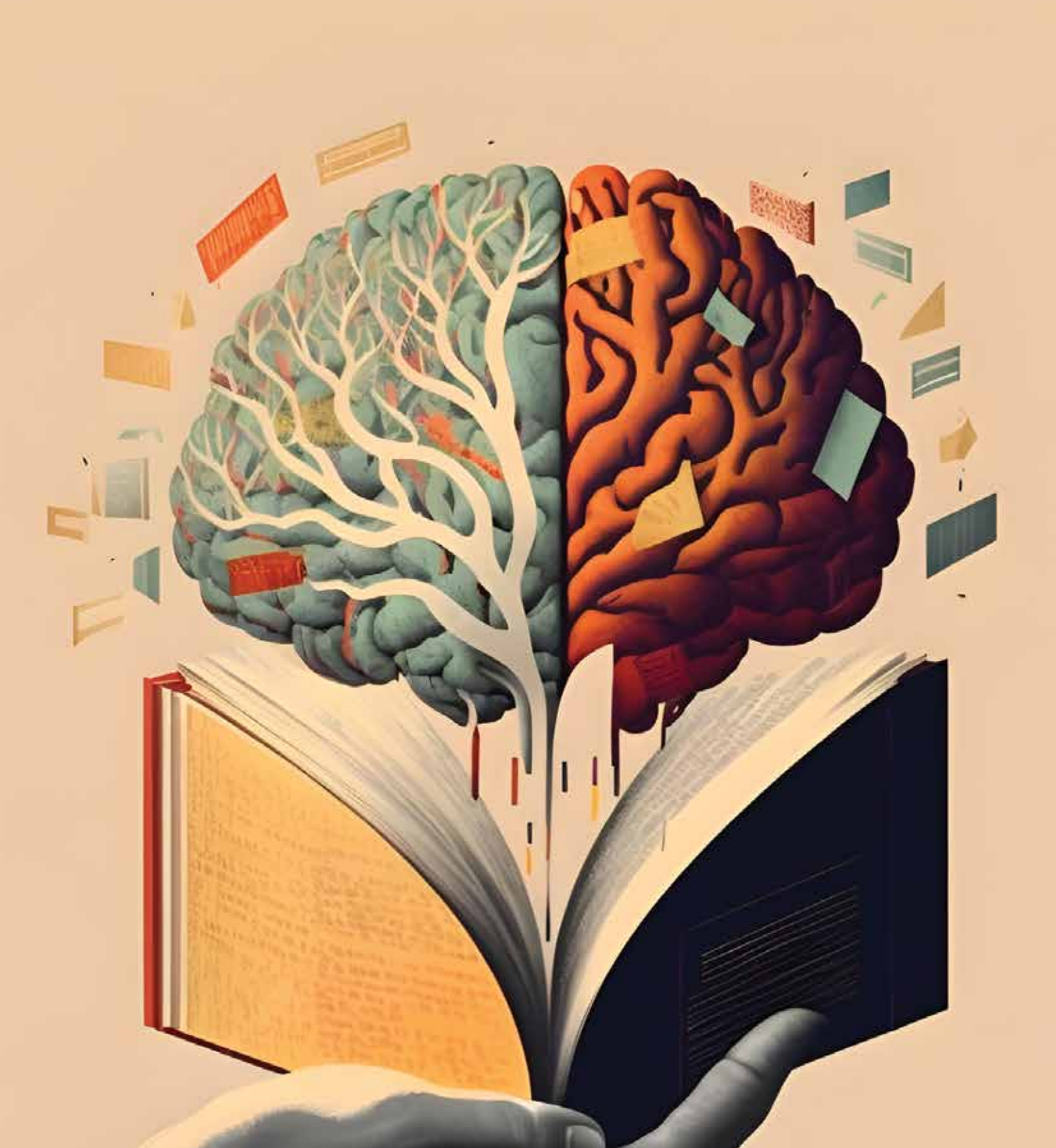
- Bachelor of Education (B.Ed Hons) 4 YEARS
- Bachelor of Education (B.Ed Hons) 2.5 YEARS
- Bachelor of Education (B.Ed Hons) 2 YEARS
- BS Education and Phycology

TOTAL 22

Undergraduate
22

TOTAL FACULTY MEMBERS

- PROFESSOR 1
- ASSOCIATE PROFESSOR 1
- DIRECTOR & PRINCIPAL -ASSISTANT PROFESSOR 1
- SENIOR LECTURER 1



COLLEGE OF CLINICAL PSYCHOLOGY

COLLEGE OF CLINICAL PSYCHOLOGY

ABOUT COLLEGE

Clinical Psychology is a specialization for serving people with various psychological problems. Clinical psychologists work with people who have anxiety, depression or insomnia. They can also specialize further to work with children, the elderly or with specific disorders. Psychology is a multifaceted discipline and includes many sub-fields of study, such as human development, sports, health, clinical, social behaviour and cognitive processes.

Ziauddin University has taken the initiative to introduce the programme of Clinical Psychology to cater to the urgent demand for trained clinical psychologist all over the country. The main objective of the College is to educate and train young health care professionals to have the knowledge and expertise to fulfill their roles in their respective fields and to equip graduates with the world class theoretical and clinical experience. College of Clinical Psychology has collaborations with:

1. Institute of Holistic Rehabilitation and Inclusion (IHRI)
2. Helping Hands for Research and Development (HHRD)
3. Karwan e Hayat (KeH)
4. Parvarish Recovery Centre (PRC)
5. Sindh University Jamshoro
6. Dr. Aisha's Health Vision Hospital
7. Karachi Vocational Training Centre (KVTC)
8. House of Pebbles (HOP)

PROGRAMMES OFFERED

BS in Clinical Psychology

MS in Applied Psychology (Postgraduate)

BS in Clinical Psychology

The BS Clinical Psychology programme is both knowledge and skill oriented. The curriculum emphasizes in depth training – both theoretical and clinical- with clinical training (i.e., observation and performance of clinical work) within Ziauddin Hospitals, in special schools, and in mainstream schools.

The BS CP programme offers an evidence based supervised internship, which is mandatory for the specialized courses in clinical psychology.

MS in Applied Psychology

MS Applied Psychology is a rigorous two-year programme that intends to produce competently trained practitioners and researchers through the provision of advanced levels of knowledge, training, and research. The programme's objectives are to

1. Empirically assess the delivery of psychological services to users.
2. Extensively use a variety of research methodologies and psychological approaches to generate new knowledge in a broad range of professional contexts.
3. Apply the knowledge and skills in diverse specialized fields of Psychology.

Duration: 1.5 Years, 3 semesters

Credit hours: 30

Areas of specialization:

1. Clinical Psychology
2. Health Psychology
3. Child Psychology
4. Organizational Psychology

FACILITIES

Classrooms 4
Research and Testing Lab 1
Consulting Clinics 3
Play Therapy Area 1
Faculty Rooms 3
Conference/ Board Room 1
Psychological Testing and Assessment Tools
Therapy Material

FACULTY MEMBERS

Dr. Shehla Najib Sidiki

Associate Professor/Dean of Liberal Arts and Human Sciences.

Dr. Shehla Najib Sidiki is the Dean of Liberal Arts and Human Sciences. She completed her PhD in Crisis Management and Leadership with a focus on managing crises in Higher Education Institutes. She is an academician and administrative professional with extensive experience in heading and running programs. During her career spanning 25 years, she has taught and trained over 6000 students both at the undergraduate and graduate level in the areas of Personal Management, Human Resource Management, Leadership, Crisis Management, Managerial Communication, Entrepreneurship, Research Methodology and Media Psychology. She initiated the Media Programme, BS Entrepreneurship Programme, EMBA and an International undergraduate Programme affiliated with the Coventry University at SZABIST. Her achievement comes from in her ability to start new programs and make them successful. She has ongoing research projects and publications in peer reviewed journals which she has presented at various conferences. She had been Chairperson of Sexual Harassment at SZABIST for 6 years and has strong work ethics and is an expert in instigating appropriate mannerism in a working environment. Her satisfaction comes from seeing students develop from their initial immature naïve self to well groomed, ready to combat the world types. She is a great believer of living life to the fullest.

Miss Sarah Jehangir

Miss Sarah Jehangir is the head of department for Clinical Psychology. Before joining Ziauddin University, she worked as a Clinical Psychologist at Liaquat National Hospital. She earned her Psychology Masters from the University of Punjab (2003) as well as a Post Magistral Diploma in Clinical Psychology from Institute of Professional Psychology, Bahria University . (2004) . She completed her Diploma in Health Care Management from IBA in 2017.

Ms. Jehangir is extensively involved in teaching, research, and clinical practice with expertise in child psychology. She has successfully presented research papers in national conferences at the Pakistan Society of Neurology. Her research interests include neuro-developmental disorders and neuro-cognitive illnesses in child, adolescents, and adults.

Dr. Sadaf Hafeez Chohan

Dr. Sadaf Hafeez Chohan is serving as an Assistant Professor, Consultant Clinical Psychologist, and Hypnotherapist at Ziauddin University, since September 2021. She graduated from the Institute of Clinical Psychology, University of Karachi with a Ph.D., PMDC in Clinical Psychology. Dr. Sadaf has also done her Diploma in Complementary Therapies (DCT) and a Certified Hypnotherapist from National Guild of Hypnotists, USA. She has worked as a consultant clinician for 13 years with several reputed organizations. She has also rendered her services as an inspiring academician at various HEC recognized educational institutions. She is a member of APA, PPA& GRDS and also a part of Advisory Board, ISSUP Karachi, Pakistan. She embodies a strong intellect, critical thinking, good communication skills, and has a good foundation in research with several publications in national and international journals under her belt. She has manifested her expertise in diagnosis, assessment and treatment of emotional and behavioral problems among both children and adults.

Mr. Aoun Ali

Senior Lecturer

Mr. Aoun Ali is the Senior lecturer for College of Clinical Psychology. Before joining Ziauddin University, he worked at reputable organization as a Lecturer at Muhammad Ali Jinnah University, Karachi Institute of Medical Sciences (KIMS-NUMS) and Karachi Institute of Economics and Technology (KIET), Further he remained part of Institute of Behavioral Psychology (DHA) and work as part time at Kazim Trust. Mr. Aoun earned his MPhil in Clinical Psychology from the Institute of Clinical Psychology University of Karachi in (2020). He extensively involved in teaching, research, and clinical practice with expertise in dealing with children with disabilities. His research interests included Positive Psychology, neuro-developmental disorders, neuro-cognitive illnesses, and parenting.

Ms. Shumaila Atif

She is working for the Ziauddin University Hospital as a Lecturer & Clinical Psychologist. She has done DRCD (diploma in rehabilitation of child disorders) and recently completed her MPhil in Clinical Psychology. My expertise is in the area of psychological assessment and Therapy, Moreover, she has experience in teaching psychology. Her areas of interest include research and therapy, and she is always looking for new information in order to keep herself upgraded with the new options.

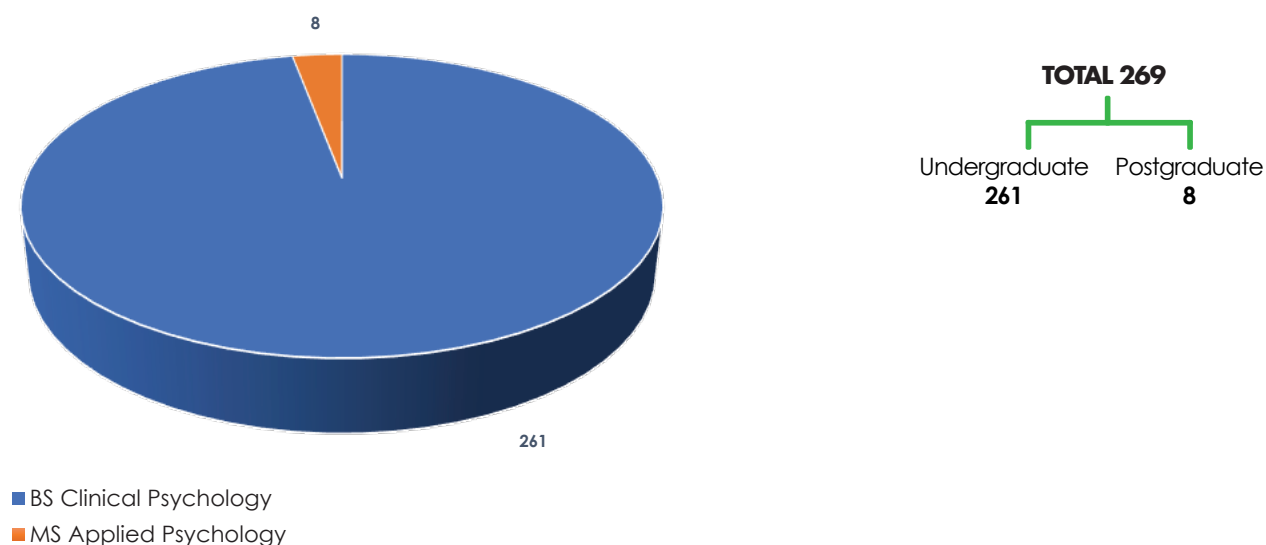
Ms. Anusha Sajid

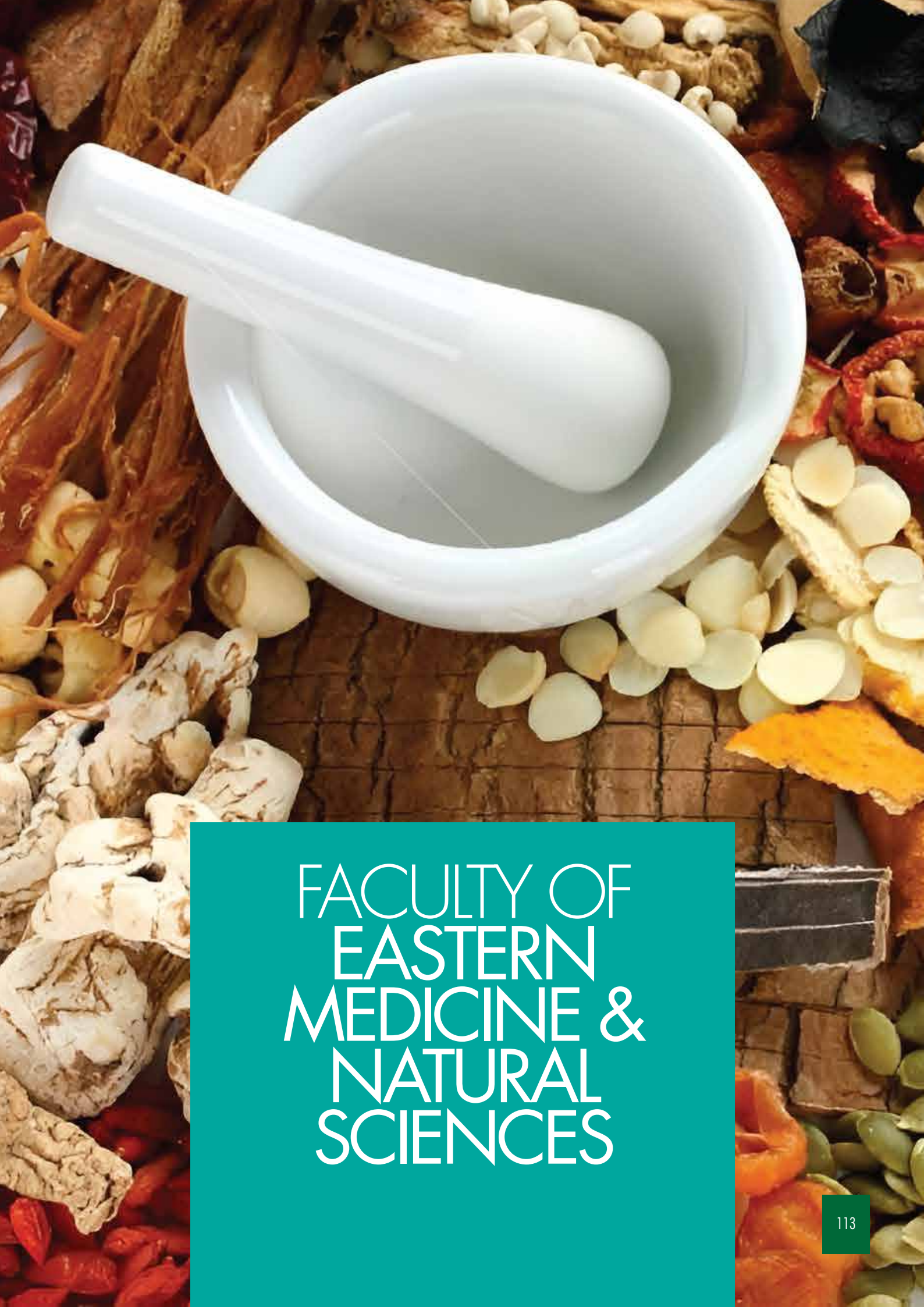
Ms. Anusha Sajid is working as a Clinical Psychologist and Lecturer at College of Clinical Psychology, Ziauddin University. She has completed her BS (Honors) in Psychology and MSc in Psychology from University of Karachi. She has completed her training from Liaquat National Hospital as a Trainee Psychologist. Where she gained her major clinical experience and worked with individuals, including children, adolescents and adults, as well as families, couples and groups in a range of settings. She also worked with other professionals such as psychiatrists, neurologists and social workers in order to deal with clients' complex issues. She exhibits superior communication skills to uncover complicated mental health issues and has extensive experience in assessing, diagnosing and treating patients.

Ms. Syeda Sania Khalid

Ms. Syeda Sania Khalid is working as a lecturer and Lab Psychologist at the College of Clinical Psychology, Ziauddin University, Before Joining Ziauddin, Sania worked as a Psychologist and Behavior therapist at the Institute of Holistic Rehabilitation & Inclusion (2021). She has also worked as a research officer at The Center for Non-Communicable Diseases which is an independent research institute in Pakistan (2020). she also provided Psycho social support in response to Covid-19, a project by United Nations and Development Program (Pakistan), UNFPA and local Government Sindh. Moreover, she has keen interest in neurodevelopmental disorders and child psychology and worked at Liaquat National Hospital as a Trainee Neuro Psychologist where she gained experience in Assessments, and therapies, for one year (2018-19). She Earned her Psychology Masters Degree from University of Karachi (2017).

STUDENTS ENROLLED PER PROGRAMME





FACULTY OF
EASTERN
MEDICINE &
NATURAL
SCIENCES

FACULTY OF EASTERN MEDICINE & NATURAL SCIENCES

DEAN'S MESSAGE

WHO defines the Traditional Medicine as "Sum total of knowledge, skills and practices based on the theories, beliefs, and experience indigenous to different cultures, whether explicable or not, used in the maintenance of health as well as in the prevention, diagnosis, improvement or treatment of physical and mental illnesses. WHO has launched the traditional medicine strategy 2014-2023 to mainstream the traditional medicine along with the allopathic system of medicine because millions of people living in rural areas rely on it for their basic health care needs.

Global health is about understanding etiology and based on providing solutions to the challenges and disparities in the health status of people worldwide. Eastern Medicine is an emerging field worldwide because it cures those diseases which are considered to be non-curable.

Ziauddin University has recently introduced a five-year degree programme in Eastern Medicine (BEMS) integrated with multi-disciplinary clinical training which not only allow you achieve scientific understanding about Eastern Medicine but also provides perfect opportunity to practice clinical skills and become expert in the field to cure with the art of Eastern Medicine which generally tend to focus on a holistic approach to life, equilibrium between mind, body and environment, to adopt a preventive approach thus developing appropriate methodologies without harming these unique features. The strength of the system is in its holistic and individualistic approach to health promotion, disease prevention and treatment.

Due to negligible side effects and environment friendly nature, globally countries emphasize the use of regimental therapies (ilaj bil tadbeer) one of the most popular methods of Eastern system of Medicine prescribed by ancient physicians thousand years back to maintain the healthy lifestyle. Regimental therapies are mostly non medicinal techniques or procedures by which Eastern Medicine physicians modulate the habitat, lifestyle and dietary habits of the individual and also used for the treatment of various diseases thus, improving the constitution of the body by removing waste materials and improving the defence mechanism of the body.

Our main focus is to promote true understanding and practice by providing widespread knowledge and evidence based education in Eastern Medicine. It's our commitment to meet the highest professional and ethical standards leading to excellence in Clinical and Research activities serving the noble cause.

It's our utmost desire to promote formal links with National and International Institutions and industry with respect to knowledge sharing, collaborative research, clinical training and personnel exchange. To contribute in fulfilling the need of quality research in the field of Eastern Medicine for the treatment of chronic diseases through development of evidence based Eastern Medicine formulations.

Faculty is dedicated to the pursuit of excellence as embodied in our motto: "Pursue excellence and success will follow."

Our Faculty is an exciting and vibrant place to pursue a quality integrated health and natural science education. We are passionate about challenging students to learn the science of Eastern Medicine, public health, the art of compassionate and mindful care in a collegial and collaborative learning environment. The Faculty takes pride in initiating the Eastern Medicine and natural science programme passionate enough to promote patient care, research and service to the community through Eastern Medicine which has been recognized both locally and globally.

Keeping in mind the rapidly changing world, our main focus will be to design and deliver quality that would enhance subject area knowledge, industry specific proficiency and reassure personal growth and transformation. It's our commitment to facilitate a thrilling and inspiring lifelong learning environment encompassing creativity and innovation.

Faculty holds a group of specialized subject experts i.e., permanent and visiting faculty for Eastern Medicine, horticulture and Nutrition that will be involved in dynamic interactive sessions engaged in the learning process, while investing all efforts to be a critical and creative thinker and leader!

Prof. Dr. Tasneem Qureshi

Dean, Faculty of Eastern Medicine and Natural Sciences,
Ziauddin University

FACILITIES (FACULTY-WISE)

Labs/LRC/Lecture Halls/Classrooms 5
Conference Room 1

PUBLICATIONS & PROJECTS

- 2 Journal publications has been made during this year
- Students completed Eastern Medicine projects.
- Two products formulated by the students are provided for IP disclosure to ORIC department as prototype namely: Moringo maskoo and Rose veta.
- One faculty member has been awarded research grant for post-graduation programme by China.

RECOGNITION

The National Council for Tibb (NCT) and Ministry of Health have approved the Eastern Medicine five-year degree programme, which is recognised by the NCT & MOH.

MAJOR EVENTS

- The 1st Eastern Medicine Exhibition and Poster Competition 2022 organized by College of Eastern Medicine, Faculty of Eastern Medicine and Natural Sciences was held on Wednesday October 12, 2022. Projects and posters (27), drugs more than 90, diseases 17 and therapies 7 were presented by BEMS students from 1st to 4th year.
- The Workshop on Stress Management entitled "How to Manage Stress Naturally" by Faisal Siddiqui was organized on Friday 8th September 2023 from 10am to 4pm at Ziauddin University, North Nazimabad Campus.
- Clinical rotation to multiple locations is successfully initiated.

COLLEGES & DEPARTMENT

- College of Eastern Medicine
- College of Natural Sciences
- Department of Human Nutrition & Dietetics

COLLEGE OF EASTERN MEDICINE

ABOUT COLLEGE

College of Eastern Medicine recognises eastern medicine as the world's most esteemed system of health care that promotes, encourages and supports education, clinical training & research in eastern medicine. We strongly believe that our graduates will serve the nation and humanity at large.

RESEARCH ACTIVITIES

- Assigning research projects to faculty members related to their relevant subject.
- Created students societies for conducting research at bachelors level.

COLLEGE OF NATURAL SCIENCES

ABOUT COLLEGE

At College of Natural Sciences, we believe in the transformation of human health status through better nutrition and physical activity. Our mission is to help our students:

- Discover, disseminate and apply knowledge to promote improved food choices, nutritional status and well-being of the people.
- Promote an academically and culturally diverse educational and research environment by providing high-quality nutrition education and skills.
- Research for health protection and improvement through judicious intake of food.
- Serve the community through participation in nutrition-related activities and increasing awareness at the national and international levels.

COLLEGE OF HUMAN NUTRITION & DIETETICS

ABOUT COLLEGE

The Department of Human Nutrition and Dietetics at Ziauddin University was founded in 2020 in the College of Natural Sciences under the Faculty of Eastern Medicine. However, the department has since been moved to the Faculty of Allied Health Sciences and is now known as the College of Human Nutrition and Dietetics. The college aims to provide quality education in undergraduate and postgraduate programmes and transform the students into internationally competent professionals. Currently, College of Human Nutrition and Dietetics in Ziauddin University is the only institute in Karachi which offers admissions of PhD & MS programmes in the discipline of Human Nutrition & Dietetics.

PRINCIPAL OF THE COLLEGE

Dr. Bakht Ramin Shah

FACILITIES

Lecture Hall: 03

Labs

Dedicated To Our College: 02

Shared Labs: 05

PROGRAMME + YEAR OF COMMENCEMENT

Ph.D. Human Nutrition & Dietetics 2023

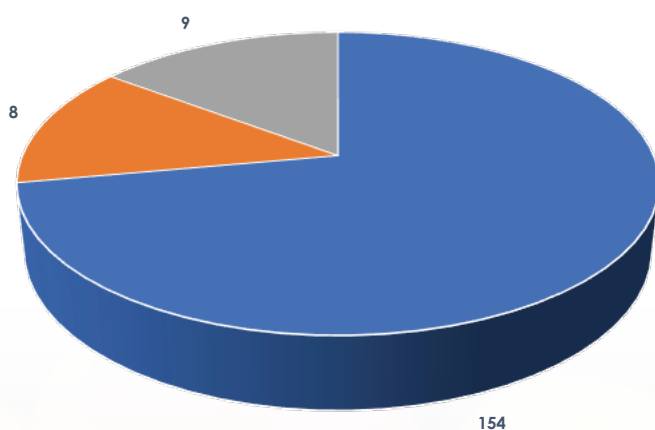
MS. Human Nutrition & Dietetics (1st Admission Announced in 2023)

BS. Human Nutrition & Dietetics 2021

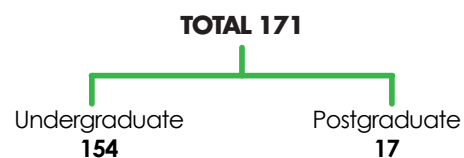
RESEARCH ACTIVITIES

In 2022-2023, 13 articles were published in international journal.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- BS Human Nutrition & Dietetics
- MS in Human Nutrition & Dietetics
- PHD in Human Nutrition & Dietetics



TOTAL FACULTY MEMBERS 08

MAJOR EVENTS - JANUARY TO DECEMBER 2023

Sr. No.	Title of Short course, Workshop/Seminar/Training	Date
1	Organised Seminar: Fuel for the Future	8th March 2023
2	Organised 2nd International Conference on Nutrition and Sustainable Development	4th May 2023
3	Participation in Work Shop on Towards zero hunger (SDG 2)	5-6 July 2023
4	Participation in WASH Consultative Workshop (SDG 6)	11-10 July 2023
5	Independence Day Celebration	14 TH August 2023
6	Guest Lecture by Lecturer Ms. Sukaina Shabbir, Dow University of Health Sciences	18th August 2023
7	Guest Lecture by Consultant Dietitian Ms. Fajar Liaquat National Hospital	25th August 2023
8	Guest Lecture by Public health worker Syeda Kisa Zehra	
9	Community work learning trip to Dar-ul-Sukoon for BS students	11th Sept 2023
10	Guest lecture by Clinical Dietitian Ms. Hira Farooq Aga Khan Hospital	27th Oct 2023
11	Dr.Rubina Hakeem Speaker at International Conference: Asian Congress of Nutrition	14th-17th Sept 2023
12	Ms. Nida Azhar, Speaker at Pak trauma Conference 2023.	25th-28th May 2023
13	Field Trip to English Biscuit Manufacturers for BS Students	5th October 2023
14	Guest Lecturer by Lecturer Ms. Lorne, -Iqra University	23rd October 2023
15.	Guest Lecturer by Clinical Dietitian Tayyaba Quadri, Kidney Centre Hospital	20th Nov 2023

A woman with dark hair tied up, wearing a white lab coat and a red scarf, is looking through a microscope. In the background, other people in lab coats are visible, slightly out of focus. The scene is set in a laboratory.

FACULTY OF VETERINARY & ANIMAL SCIENCES

FACULTY OF VETERINARY & ANIMAL SCIENCES

DEAN'S MESSAGE

The livestock sector in Pakistan contributes about 60.1 percent of the agriculture value addition and 11.5 percent to the GDP. More than 8 million rural families are engaged in livestock production, driving more than 35-40 percent of their income from this source. Livestock species are primarily responsible for the production of milk, meat, eggs, wool, and leather, besides sports and transportation. Under the current scenario, the livestock sector is an essential pillar for food security, poverty alleviation, and economic stability. Veterinary education is of great importance in order to achieve international standards associated with livestock.

The Faculty of Veterinary and Animal Sciences at Ziauddin University Karachi was established with the aim of producing quality human resources—veterinarians, livestock assistants, and artificial insemination technicians. By providing state-of-the-art facilities for professional learning, the faculty prepares these professionals to work at both national and international levels for the betterment of the profession and the country.

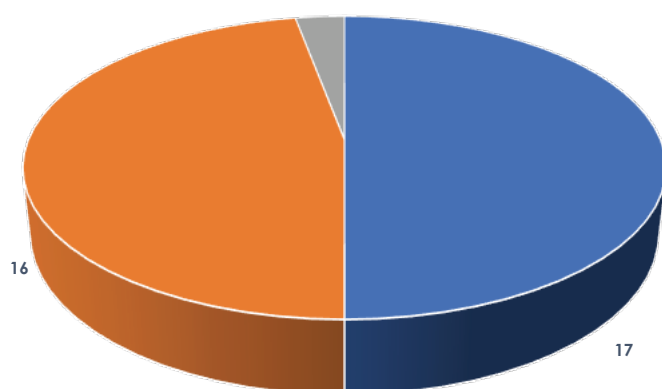
Prof. Dr. Zafar Iqbal Qureshi

Dean, Faculty of Veterinary & Animal Sciences,
Ziauddin University

FACILITIES

- Labs 08 (Veterinary Physiology and Biochemistry, Veterinary Anatomy and Histology, Veterinary Microbiology, Veterinary Pathology, Veterinary Parasitology, Poultry Husbandry/Sciences, Animal Nutrition and Veterinary Pharmacology)
- Lecture Hall 2
- Library 1
- Experimental Animals (Buffaloes, Camels, Goats, Monkeys, and Deer)
- Aviary Birds (Parrots, Cockatoos, Aseel Chickens, Ducks, Blue Birds, and Peacocks)
- Animal Clinic

The Faculty of Veterinary and Animal Sciences at Ziauddin University has started Animal Hospital Services for Livestock/Poultry Farmers in the areas of Veterinary Theriogenology, Veterinary Medicine, and Veterinary Surgery. Veterinary Services are also being rendered in the areas of breeding management, estrous synchronisation protocols, and breeding practices in Buffaloes, Mares, Camels, Goats and Cattle.



- 1st Batch Undergraduate DVM Students
- 2nd Batch Undergraduate DVM Students
- LAD Student

TOTAL 34

Undergraduate
34

TOTAL FACULTY MEMBERS

- PROFESSORS 2
- ASSOCIATE PROFESSORS 1
- ASSISTANT PROFESSORS 7
- Lecturers 7

PUBLICATIONS AND PROJECTS

Number of Publication	07
Number of Project Submitted (National)	05

CONFERENCE/WORKSHOPS/SEMINARS/TRAINING

Number of Conference attended	01
Number of Workshop attended	03
Number of Seminar Attended	01
Number of Training Attended	01

The World Egg Day was celebrated on 13th February, 2023 in collaboration with World Poultry Science Association (WPSA) and Vet Evo Enterprises.



DEPARTMENTS

QUALITY ENHANCEMENT CELL (QEC)

DIRECTOR'S MESSAGE

It is with great pride and enthusiasm that I present this year's annual report for Ziauddin University's Quality Enhancement Cell (QEC). This report reflects our unwavering commitment to maintaining and enhancing the quality of education, research, and community engagement that define our institution.

Over the past year, the QEC has continued to implement and uphold rigorous standards to ensure that our academic programmes meet and exceed both national and international benchmarks. Our efforts have been guided by the principles of continuous improvement, innovation, and a steadfast dedication to the educational excellence that Ziauddin University is known for.

Muhammad Adnan Fuzail

Director, Quality Enhancement Cell,
Ziauddin University

ACTIVITIES & ACHIEVEMENTS

The Quality Enhancement Cell (QEC) at Ziauddin University has had a transformative year in 2023, marked by several achievements and significant strides towards academic excellence and institutional improvement. This comprehensive report encapsulates the numerous activities and accomplishments of the QEC, highlighting our commitment to enhancing the quality of education and institutional performance.

Accreditation and NoCs

QEC successfully secured several numbers of No Objection Certificates (NoCs) from HEC to launch new postgraduate programmes in 2022-2023, a testament to rigorous academic standards of ZU and compliance with regulatory bodies requirements. Additionally, several programmes received accreditation from various councils, reinforcing status of ZU as a leading institution dedicated to providing quality education. These achievements not only enhance academic portfolio of ZU but also provide students with more opportunities for advanced studies and research.

Self-Assessment Reports

The Quality Enhancement Cell (QEC) at Ziauddin University conducted extensive assessment of self-assessment reports (SARs) for multiple undergraduate and postgraduate programmes of ZU. The SARs involve comprehensive evaluations of learning Objectives and Outcomes, curricula, faculty performance, student feedback and so. Through this detailed assessment, the key areas were identified where improvements could be made, leading to actionable recommendations that have been implemented to enhance the academic experience. This rigorous approach ensures that our programmes are continuously aligned with both national and international standards, fostering an environment of excellence and innovation in teaching and learning.

Institutional Performance Evaluation by HEC

Higher Education Commission of Pakistan (HEC) conducted a comprehensive institutional performance evaluation of Ziauddin University in January 2023 which provided valuable insights into academic and administrative processes. The process involved a detailed review of various institutional functions, including governance, academic programmes, research output, and student services. Key findings from this evaluation have been instrumental in guiding strategic planning and decision-making, ensuring that Ziauddin University continues to uphold the highest standards of academic excellence and operational efficiency. The insights gained from this evaluation have also fostered a culture of continuous improvement, driving initiatives that enhance the overall educational experience for students and employees.

Student Feedback and Surveys

The comprehensive feedback system that gathered student opinions on courses and teachers is a cornerstone of our quality enhancement strategy. The feedback of student significantly helps to increase the quality of teaching and learning by allowing us to make data-driven improvements based on student insights. Furthermore, we conducted alumni and graduate surveys to assess the long-term impact of our programmes, providing a holistic view of our educational effectiveness.

The achievements of the Quality Enhancement Cell at Ziauddin University in 2023 reflect our unwavering commitment to academic excellence and continuous improvement. From securing NoCs and accreditations to achieving high rankings and conducting thorough self-assessments, the QEC has played a pivotal role in enhancing the quality of education and institutional performance. As we look forward to the coming year, we remain dedicated to our mission of fostering an environment of excellence, innovation, and continuous quality enhancement.



Self-Postgraduate Programme Review

The Quality Enhancement Cell (QEC) at Ziauddin University conducted a comprehensive review of all postgraduate programmes. This self-review is integral to our internal quality assurance processes and aligned with the Higher Education Commission (HEC) of Pakistan's guidelines, aimed to identify strengths and areas for improvement. Insights from this review aids to improve and strengthen postgraduate programme of Ziauddin University, ensuring postgraduate programs maintain their excellence.

National Rankings and Statistical Data Submission to HEC

The QEC played a crucial role in data submission for national rankings by the Higher Education Commission (HEC) of Pakistan. Our meticulous and timely submissions have ensured that Ziauddin University is accurately represented in National Rankings besides International Ranking. Additionally, QEC provided extensive statistical data to HEC, demonstrating our compliance with national standards and showcasing our academic and research capabilities.

International Rankings

International rankings are critical indicators of a university's commitment to excellence, sustainability, and societal impact. Ziauddin University, through the diligent efforts of the Quality Enhancement Cell (QEC), has secured remarkable positions in prestigious international rankings. ZU achieved the 297th position in the Green Metric World University Rankings, highlighting our dedication to sustainability. Additionally, ZU earned placements in the QS World University Rankings and the Times Higher Education Impact Rankings. These achievements are a direct result of QEC's relentless efforts to improve quality standards and implement best practices across the institution.



OFFICE OF RESEARCH, INNOVATION & COMMERCIALIZATION (ORIC)

DIRECTOR'S MESSAGE

Ziauddin University has been ranked as the 8th top university in research and innovation by HEC Pakistan. The Office for Research, Innovation & Commercialization (ORIC) and Clinical Trial Unit (CTU) at ZU are striving to provide an enabling environment for faculty, researchers and students to develop innovative solutions to our most pressing problems, "To ensure healthy lives and promote well-being for all at all ages" (SDG-3). There are an increasing number of high impact factor publications and our researchers are breaking new grounds. Ziauddin University is an expansion with an international outlook. It is great to see our researchers applying for national and international grants and building new collaborations. The academic environment at Ziauddin University enables students to support academic excellence, provide opportunities for faculty and researchers to excel in their intellectual pursuits and build upon an environment that is highly competitive and academic. It also fosters entrepreneur skills and academic excellence and motivates individuals to involve themselves in an academic quest of the highest standards. We look forward to building upon our strengths and increasing our impact.

"We foresee a great future for Ziauddin University!"

Dr. Zulfiqar Ali Umrani

Director, Office of Research, Innovation & Commercialization
Director, Clinical Trial Unit
Ziauddin University



ACTIVITIES & ACHIEVEMENTS

ORIC achieved a significant milestone by securing a remarkable position as the top 8th University in Research and Innovation. Besides this, Ziauddin University has also achieved significant milestones, which are as follows:

- Ziauddin University has been ranked in X Category
- Ziauddin University has been ranked Number 2 out of all Private Universities in Pakistan
- Ziauddin University has been ranked Number 1 out of all Private Universities in Sindh
- Ziauddin University has been ranked Number 1 out of all General Universities in Sindh

PROJECTS AND GRANTS

TOTAL ANNUAL FUNDING SECURED IN A YEAR

299,406,898 PKR

NATIONAL FUNDING

PKR 8,280,000/-

PKR 46,115,092/-

INTERNATIONAL FUNDING

CLINICAL TRIAL UNIT

PKR 245,011,806/-

SESSIONS AND WORKSHOP

TOTAL SESSIONS AND WORKSHOPS CONDUCTED: 60

Grant Writing Workshops - 27

Research Training - 26

Pre-Incubation Workshops - 4

Campus Drives - 3

RESEARCH AND EXCELLENCE

PROJECTS WON

COMPREHENSIVE MAPPING OF ADAPTIVE IMMUNE RESPONSE

Prof. Dr. Shamim Mushtaq has achieved success by securing the Pakistan Science Foundation Grant for her project titled "Comprehensive Mapping of Adaptive Immune Response" for a total of PKR 4,205,000. With this grant, Dr. Shamim intends to conduct thorough research to map out the intricate details of adaptive immune responses. Such efforts are crucial for unravelling the complexities of the immune system and may lead to significant advancements in healthcare and disease management strategies.

PATIENT AND PUBLIC INVOLVEMENT AND ENGAGEMENT (PPIE)

Under the mentorship of Dr. Madiha Hashmi, Patient & Public Involvement and Engagement (PPIE) is an international project in collaboration with Dr. Timo Tolppa from the University of British Columbia. This is Pakistan's first-ever Patient & Public Involvement and Engagement (PPIE) group, funded with GBP 10,000.

MARTHA FARRELL FELLOWSHIP FOR SAFE CAMPUS

Prof. Dr. Nida Hussain has been awarded a grant by Martha Farrell and Association of Commonwealth Universities (ACU) for her project entitled "SAFE (Anti Sexual Harassment Awareness)" for GBP 1,023. This initiative underscores Dr. Nida's dedication to combating sexual harassment and fostering safe environments. With the support of Martha Farrell Foundation, Dr. Nida aims to raise awareness and implement strategies to prevent and address sexual harassment effectively. This grant signifies a significant step forward in the ongoing efforts to promote safety and respect in workplaces and communities.

FINANCIAL LITERACY FOR WOMEN

Ms. Rahima Tahir, the Manager of Linkages and Outreach in the ORIC Department, has achieved a remarkable feat by winning the Higher Education and the SDGs Challenge Grant 2023 by Association of Commonwealth Universities (ACU) for her project titled "Supporting Women's Economic Empowerment" for GBP 2,500.

CAPACITY BUILDING IN BIOMEDICAL ENGINEERING EDUCATION FOR DIGITAL TRANSFORMATION AND INDUSTRY

Dr. Fahad Azeem, Dean of ZUFESTM, has secured a grant of €88,412 for his project titled "Capacity Building in Biomedical Engineering Education for Digital Transformation and Industry 4.0/5.0 Technologies (BIOMED5.0)." Funded by the European Education and Culture Executive Agency (EACEA), the project aims to equip educators and students with the necessary skills to thrive in the era of digital transformation and emerging technologies like Industry 4.0/5.0. This grant marks a significant step towards fostering innovation and preparing future professionals in the biomedical engineering field.

FLEET OPERATORS' ASSOCIATION OF PAKISTAN

Ziauddin University's Faculty of Law is proud to announce its collaboration with the Fleet Operators Association of Pakistan (FoAP) through a research agreement. The agreement entails conducting research on various aspects related to fleet operations, aiming to address pertinent legal issues and challenges faced by the industry. With a grant of 75,000 PKR, this partnership underscores Ziauddin University's commitment to fostering practical legal research that contributes to the development of the legal landscape in Pakistan.

WASTE TO ENERGY FOR WATER DISSEMINATION

Dr. Zulfiqar Ali Umrani, Director of ORIC, has achieved significant success in securing a project funded by Sindh HEC. The project, titled "Evaluating Waste to Energy LCOE Potential: A Business Case for Water Desalination in Karachi," received funding of PKR 1,600,000. This project focuses on evaluating the potential of Waste to Energy LCOE (Levelized Cost of Energy) and its application in water desalination in Karachi.

IMPLEMENTATION OF SINDH CLIMATE CHANGE POLICY

The project, titled "Identifying challenges and solutions to the implementation of Sindh Climate Change Policy," was awarded a grant of PKR 2,300,000. This project aims to address the challenges associated with the implementation of Sindh's Climate Change Policy. Dr. Umrani's successful acquisition of these grants reflects his dedication to addressing critical environmental issues and finding innovative solutions for sustainable development in the region.

INNOVATION AND ENTREPRENEURSHIP

Intellectual Property Office

The Intellectual Property Office (IPO) at Ziauddin University serves as a vital resource hub, safeguarding and promoting innovation within the academic community. Through the IPO, the university encourages and assists faculty, researchers, and students in protecting their intellectual property rights. This office plays a pivotal role in guiding innovators through the complex process of patenting, licensing, and commercialising their inventions and discoveries. By fostering a culture of intellectual property awareness, the IPO not only ensures the protection of innovative ideas but also facilitates their transformation into real-world applications, contributing significantly to the university's reputation as a hub of knowledge and innovation.

Start-ups- 06

Patents Filled-04

S.No	Patent Title	Patent Inventor(s)
1	Smart Walker for Lower Limb Disabilities	Dr. Saad Jawaid Khan
2	Development of Human Sample derived oral submucous fibrosis	Dr. Shumaila Usman
3	A Topical Anti-Fungal Herbal Formulation and Process of Preparation	Dr. Anwer Ejaz Baig, Dr. Nudrat Fatima, & Dr. Tasawer Baig
4	Fenugreek Seed Extract: Natural Shield against Ageing and Diabetic Complications	Dr. Ghulam Abbas

Trademark Registered- 01

Faculty Name	Business Name
Amina Siddiqui	Edulearn

Start-up Competitions- 04



Prime Minister Youth Programme' 23

Muhammad Bin Amjad, the founder of ElectroCon and a student of Ziauddin University Faculty of Engineering, Sciences, Technology and Management secured the runners up position and a prize of 0.5 million in Prime Minister Youth Programme National Innovation Award.

Two startups, Madad Ambulance and Biomic Engineering were shortlisted for the final rounds and were given tickets and accommodation for their final event in Islamabad. Additionally, a total of 10 startups applied from Ziauddin University, demonstrating the university's commitment to fostering entrepreneurship and innovation among its students.



Rising Star Competition

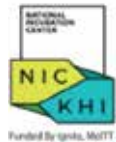
The Rising Stars Startup Competition stands as a beacon for aspiring entrepreneurs, providing them with a platform to showcase their innovative ideas and business ventures. This competition serves as a catalyst for the vibrant startup ecosystem in Pakistan, encouraging young minds to bring their entrepreneurial visions to life. With a focus on fostering creativity, ingenuity, and sustainable solutions, Rising Stars offers participants invaluable opportunities for mentorship, networking, and funding. By spotlighting emerging startups, this competition not only provides crucial exposure to entrepreneurs but also attracts potential investors and collaborators, fueling the growth of innovative enterprises in Pakistan.

Madad Ambulance, a women-led startup from Ziauddin Faculty of Pharmacy, was shortlisted for the Rising Stars Startup Competition; they received training at NUST and IBA. The startup was shortlisted for the final round of the Rising Stars Startup Competition. Additionally, a total of 3 startups applied to Ziauddin University, reflecting the university's active engagement in nurturing entrepreneurial talent and contributing to the startup ecosystem.



ICCBS Cohort 9

Two startups from Ziauddin University participated in the ICCBS cohort, namely BioBandages (a startup comprising Engineering students who are working on a revolutionary product that would heal wounds using scales from fish) and Khiyal (a faculty led startup that offered health care and suicide prevention helplines). Both of them were offered incubation space at ICCBS incubation facility at University of Karachi. The National Incubation Centre Karachi offered two of our startup's incubation spaces, namely ElectroCon and Biomic Engineering. ElectroCon has opted for a virtual incubation facility at NICK. Additionally, a total of 5 startups applied to Ziauddin University, further showcasing the university's entrepreneurial spirit and engagement with the startup ecosystem.



Nick Cohort X

The National Incubation Centre Karachi offered two of our startup's incubation spaces, namely ElectroCon and Biomic Engineering. ElectroCon has opted for a virtual incubation facility at NICK. Additionally, it is worth noting that a total of 2 startups applied from Ziauddin University, further showcasing the university's entrepreneurial spirit and engagement with the startup ecosystem.

International Office- Ziauddin University

Ziauddin University forges partnerships with outstanding academic and other institutions across the globe to expand the student experience, faculty growth and contributions, and the impact of our research. Collaborations with our foreign colleagues are essential to the success of our global activities. Ziauddin University has also established the International Office for propagating the Global presence of the ZU brand. Some of the collaborating university includes INTI International, Metharath University and North MiddleSex University Hospital.

Sustainability Office- Ziauddin University

ORIC-Ziauddin University is a pioneer and has already established a Sustainability Office (SO)-ORIC ZU has been operational since 2020 and working passionately to solve the challenges our society is facing under the domain of UN Sustainable development goals 2030. The university has also undertaken research projects to promote sustainable development. It also has a Green Building Programme that promotes energy efficiency and renewable energy sources.

CLINICAL TRIAL UNIT (CTU)

The Ziauddin Clinical Trial Unit is dedicated to conducting high-quality clinical trials across various therapeutic areas, adhering to international regulatory standards, and collaborating with researchers, clinicians, and industry partners. It serves as a dynamic hub where healthcare professionals, researchers, and industry experts collaborate to address crucial medical challenges and drive medical advancements. Equipped with cutting-edge infrastructure, dedicated facilities, and advanced technology, the CTU provides an optimal environment for rigorous trial execution and reliable clinical data generation. Upholding ethical guidelines, regulatory compliance, and participant safety is paramount, fostering trust among participants, sponsors, and the wider medical community. Through this prospectus, the CTU invites researchers, sponsors, and industry partners to collaborate and leverage its resources, offering comprehensive services throughout the clinical trial lifecycle. With a vision to contribute to scientific discoveries, enhance patient care, and shape the future of medical research and innovation, the Ziauddin Clinical Trial Unit aims to be at the forefront of clinical research.

The Clinical Trial Unit at Ziauddin was established in 2022 and holds recognition from the Drug Regulatory Authority of Pakistan (DRAP). This recognition by DRAP highlights the unit's compliance with regulatory standards and its commitment to conducting clinical trials in accordance with national guidelines. As an officially recognised clinical trial unit, Ziauddin is well-positioned to contribute to the advancement of medical research and innovation in Pakistan. By adhering to DRAP regulations, the unit ensures that all trials conducted within its facilities follow the necessary ethical and safety guidelines, thereby maintaining the integrity of the research process and protecting the well-being of trial participants.

The Clinical Trial Unit at Ziauddin aims to conduct high-quality clinical trials, develop innovative therapies, contribute to evidence-based medicine, enhance patient care, and foster a culture of research and innovation among healthcare professionals.

TRIALS WON IN 2023

S.NO	TRIAL NAME	PRINCIPAL INVESTIGATOR	Amount
1	A Phase 3 Randomised, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Bemnifosbuvir in High-Risk Outpatients with COVID-19	Prof. Dr. Nida Hussain	\$69,721 USD
2	A Double-Blind, Randomised Clinical Study of the Efficacy and Safety of BCD-178 and Perjeta® as Neoadjuvant Therapy of HER2-Positive Breast Cancer	Prof. Dr. Adnan Abdul Jabbar	\$390,000 USD
3	A Phase III, Randomised, Comparator-Controlled, Double-Blind, Multicenter Study to Evaluate the Immunogenicity, Safety and Lot to Lot Consistency of Three Lots of a PIKA Rabies Vaccine (Vero cell) for human use, freeze-dried in Healthy Adults using a Post Exposure Prophylaxis Schedule.	Prof. Dr. Osama Rehman Khalid	\$375,000 USD
4	A Phase 2, Open-Label Study to Assess the Safety and Efficacy of Bemnifosbuvir (BEM) and Ruzasvir (RZR) in Subjects with Chronic Hepatitis C Virus (HCV) Infection	Prof. Dr. Zaigham Abbas	\$55,000 USD
5	Multicenter, Randomised, Controlled, Open-Label, Phase IIb Study to Assess Efficacy and Safety of HH-003 Injection in Subjects with Chronic Hepatitis Delta Virus Infection	Prof. Dr. Zaigham Abbas	\$350,000 USD

DIRECTORATE OF EDUCATIONAL DEVELOPMENT

DIRECTOR'S MESSAGE

It gives me immense pleasure & pride to be associated with this University. The Directorate of Educational Development is committed to aligning with the ZU vision through leadership, collaboration & research. Our motto, 'reforms and innovations' is meant for better educational transformations and expresses our commitment to promote a conducive learning environment for everyone across ZU through capacity building of professionals in Higher Education.

Addressing the unique challenges of this pandemic era, DED is working hard, aiming to meet the international standards of education with creativity and digitalization by engaging all ZU faculty.

Looking Forward with Gratitude and Hope:

I want to express my appreciation to the wonderful teachers and the administrative staff of ZU for continuing to give constant support to the students throughout the ongoing pandemic.

Together, we can and will make an impact.

Stay safe, healthy, and connected.

Dr. Iram Khursheed,

Director & Associate Professor,
Directorate of Educational Development,
Ziauddin University.

Courses Offered by DED during 2023

- Educational Methodology Basic Level course(1 credit hour) **for ZU faculty 09 - 12 courses per year**
 1. Instruction
 2. Curriculum
 3. Assessment
 4. Feedback
- Educational Methodology Basic Level course(1 credit hour) for **BHS-MPHIL students once per year**
 1. Instruction
 2. Curriculum
 3. Assessment
 4. Feedback
- Intermediate level (08 credit hour CHPE) course for **ZU PLUS EXTERNAL faculty**
 1. Instruction
 2. Curriculum
 3. Assessment
 4. Feedback
- Advanced level (3-credit-hour) elective course on Professionalism)for **MSN students once per year**

DED Highlights 2023

- Conducted fourth CHPE (Certificate course in Health Professions Education) course.
- A blended learning course embedded with face-to-face and online teaching modalities.
- The targeted audience is teaching faculty from Medical, Dental, Nursing and Allied Health Sciences.
- Vision Mission and Competencies revised for MBBS & BDS programmes.
- Aligned these competencies with exit-level program specific outcomes and course objectives.
- Carried out MDRs (Multidisciplinary reviews) of questions to ensure the validity and reliability of the assessment for all ZU programs both at undergraduate and postgraduate level. (Refer to Summary of DED Activities from Jan – Dec 2023).
- Conducted a series of ongoing faculty development workshops on Educational Methodology for various ZU disciplines.
- Research work, with six publications in 2022.
- Director DED presented ZMC highlights to the US delegation visited in 2023

US – Delegation Visit – 2023 to ZU

Humayun J. Chaudhry, D.O., M.A.C.P., F.R.C.P. is President and CEO of the Federation of State Medical Boards (SMB),

Peter J. Katsufakis, M.D., M.B.A. is the President and CEO of NBME (National Board of Medical Examiners) and a board-certified Family Physician.

Sarvam P. TerKonda, M.D. is Chair of the Board of Directors of the Federation of State Medical Boards (FSMB) and Past Chair of the Division of Plastic Surgery, Department of Surgery, at Mayo Clinic Florida.



DED WORKSHOPS 2023



CERTIFICATE COURSE IN HEALTH PROFESSION EDUCATION (CHPE 2022) BATCH-4





ترانہ

ZIAUDDIN UNIVERSITY ANTHEM ضیاء الدین یونیورسٹی

WRITTEN BY PROF. DR. PIRZADA QASIM RAZA SIDDIQUI

Jilaw mein roshni ai
Ziauddin keh lai
ye university

جلومیں روشنی لائی
ضیاء الدین کہلائی
یہ یونیورسٹی

jahan e taza ki batein shaoor o agahi roshan
nai dunya ki soghatein, jamal e fun, kamal e fun

جہاں تازہ کی باتیں، شعور و آگہی روشن
نئی دنیا کی سوغاتیں، جمالِ فن، کمالِ فن

payam e justuju lai
Ziauddin keh lai
ye university

پیامِ جستجو لائی
ضیاء الدین کہلائی
یہ یونیورسٹی

yahan per kasb e ilm o agahi roshan fazeelat hey
ye sub kuchh sahiban.e.ilm.o.hikmat ki badaulat hey
Yahan insaan aur insaanayat ki baat hoti hey
naya aik din nikalta hey nai aik raat hoti hey

یہاں پر کسبِ علم و آگہی، روشن فضیلت ہے
یہ سب کچھ صاحبانِ علم و حکمت کی بدولت ہے
یہاں انسان اور انسانیت کی بات ہوتی ہے
نیا ایک دن نکلتا ہے نئی ایک رات ہوتی ہے

Yehi hey iski zebai,
Ziauddin keh lai
ye university

یہی ہے اس کی زیبائی
ضیاء الدین کہلائی
یہ یونیورسٹی

