ZIAUDDIN UNIVERSITY

ANNUAL 2007 REPORT







AINJUAL REPORT 2024



Dr. Sir Ziauddin Ahmad was an eminent educationist, scholar and visionary of the Subcontinent. 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. College 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, Dr. Sir Ziauddin Ahmad was appointed as an assistant lecturer at M.A.O. College. He attained an MA degree from Calcutta University while securing the 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. Dr. Sir 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, Dr. Sir 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 Dr. Sir Ziauddin Ahmad. He was appointed as Pro Vice-Chancellor of Aligarh Muslim University, and later as Vice-Chancellor, in 1935. Dr. Sir Ziauddin Ahmad died in London on December 23, 1947, and he was buried beside Sir Syed Ahmad Khan in the Aligarh Muslim University mosque premises, 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

Ziauddin University continues its journey of excellence in 2024, marking a year of monumental achievements and significant advancements. This year, the university has expanded its educational footprint by launching its Sukkur Campus, which is to set a new standard for higher education in the region.

We introduced five new colleges and 16 departments, reflecting our commitment to multidisciplinary learning and innovation. Notable additions include the Faculty of Allied Health Sciences, the Faculty of Pharmacy and Pharmaceutical Sciences, and the region's first dissection table at our Sukkur Campus. Our global collaborations flourished, establishing partnerships with renowned institutions like the University of Oxford, the National University of Singapore, and Michigan State University among many others, enhancing research and learning opportunities for students and faculty alike.

National and international recognitions underscore our progress, with Ziauddin University securing top positions in QS Asia Rankings and Times Higher Education Rankings, particularly excelling in SDG-3 and SDG-5 categories.

As part of the academic experience, our students graduating in 2025 will also be recognised for their active participation in a wide range of cocurricular activities. These initiatives are integral to their holistic development, fostering leadership, teamwork, and personal growth outside the classroom. Through events, clubs, and societies, students have enriched their educational journey, preparing themselves to meet the challenges of a dynamic world.

This year's report encapsulates our unwavering dedication to academic rigour, technological advancement, and community engagement, affirming our mission to empower students with knowledge, ethics, and global competence. As we forge ahead, Ziauddin University remains a beacon of education and innovation in Pakistan.



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-e-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



ACTING VICE-CHANCELLOR'S MESSAGE

It is with immense pride that I present the Annual Report for 2024, a year of extraordinary achievements and progress for Ziauddin University. This year marks a pivotal chapter in our journey, as we launched the Sukkur Campus, expanding our mission to provide quality education to the doorstep of people of Sindh.

Our academic landscape has grown with the establishment of five new colleges and 16 departments, reflecting our commitment to offering diverse and innovative programmes. The introduction of the region's first dissection table at the Sukkur Campus signifies our dedication to advancing technology in education.

Ziauddin University continues to gain national and international recognition. From securing top positions in the UI Green Metric and QS Asia rankings to forging partnerships with prestigious institutions like the University of Oxford, Michigan State University and many others, we are proud of our strides in global collaboration and excellence.

Our Medical graduates are securing positions in the European world due to their highest potential and active engagement in the field of medicine and other allied subjects.

These milestones are a testament to the dedication of our faculty, staff, and students. As we look ahead, our vision remains steadfast: to redefine educational and research standards, fostering a transformative impact on society. Together, we will achieve even greater heights.

Prof. Dr. Abbas Zafar

Acting Vice-Chancellor, & Dean, Faculty of Health Sciences, Ziauddin University

GOVERNING BODY

Dr. Asim Hussain, SI, NI (Master of Surgery)	Chancellor, Ziauddin University	Chairman
Prof. Dr. Abbas Zafar	Acting Vice-Chancellor, Ziauddin University	Member
Mr. Saleem Mandviwalla	Senator, Senate of Pakistan	Member
Justice Agha Faisal	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
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. MuhammadJawed Bilwani	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
Mr. Muhammad Adnan Fuzail (MBA)	Director, Quality Enhancement Cell	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

ABOUT ZIAUDDIN UNIVERSITY

Ziauddin University was established in the memory of Dr. Sir 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 Dr. Sir 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 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 under '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 Dr. Sir Ziauddin Ahmad but educates the youth of Pakistan at the same time.





OUR CAMPUSES/SITES





FACULTIES, COLLEGES & DEPARTMENTS

Currently 9 faculties and 20 colleges and 16 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 PUBLIC HEALTH COLLEGE OF MOLECULAR MEDICINE

FACULTY OF ALLIED HEALTH SCIENCES
COLLEGE OF PHYSICAL THERAPY
COLLEGE OF OCCUPATIONAL THERAPY
COLLEGE OF CLINICAL PSYCHOLOGY
COLLEGE OF SPEECH LANGUAGE & HEARING SCIENCE
COLLEGE OF PODIATRIC MEDICINE
COLLEGE OF PODIATRIC MEDICINE COLLEGE OF MEDICAL TECHNOLOGY
COLLEGE OF HUMAN NUTRITION & DIETETICS

FACULTY OF LIBERAL ARTS & HUMAN SCIENCES

COLLEGE OF MEDIA SCIENCES
COLLEGE OF LANGUAGES, LITERATURE & CULTURE COLLEGE OF EDUCATION

FACULTY OF VETERINARY AND ANIMAL SCIENCES

FACULTY OF PHARMACY AND PHARMACEUTICAL SCIENCES
COLLEGE OF PHARMACY
DEPARTMENT OF PHARMACY PRACTICE
DEPARTMENT OF PHARMACEUTICS
DEPARTMENT OF PHARMACEUTICAL CHEMISTRY
DEPARTMENT OF PHARMACOLOGY
DEPARTMENT OF PHARMACOLOGY DEPARTMENT OF PHARMACOGNOSY

COLLEGE OF PHARMACEUTICAL SCIENCES DEPARTMENT OF COSMETICS SCIENCES

FACULTY OF NURSING & MIDWIFERY

FACULTY OF EASTERN MEDICINE & NATURAL SCIENCES COLLEGE OF EASTERN MEDICINE

FACULTY OF LAW, POLITICS & GOVERNANCE

FACULTY OF ENGINEERING, SCIENCE, TECHNOLOGY & MANAGEMENT

COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF BIOMEDICAL ENGINEERING
DEPARTMENT OF ELECTRICAL ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT OF DESIGN
COLLEGE OF COMPUTING AND SOFTWARE ENGINEERING DEPARTMENT OF COMPUTING AND SOFTWARE ENGINEER
DEPARTMENT OF INFORMATION TECHNOLOGY
DEPARTMENT OF SOFTWARE ENGINEERING
COLLEGE OF MANAGEMENT AND APPLIED SCIENCES DEPARTMENT OF BUSINESS ADMINISTRATION DEPARTMENT OF MANAGEMENT SCIENCES DEPARTMENT OF APPLIED SCIENCES



NATIONAL COLLABORATIONS

- Indus University
- Karachi Down Syndrome Program (KDSP)
- The Indus Hospital
- Ujala Parent Voice Association
- The Learning Tree
- Sindh Integrated Emergency and Health Services (SIEHS)
- Shaheed Benazir Bhutto University

- Bagai University
- Ruth Pfau Civil Hospital Karachi
- Hawa Energy
- Jhimpir Power
- GreenStar Social Marketing
- Livebits
- Vanar
- Ami



INTERNATIONAL COLLABORATIONS























ACCREDITATIONS



























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.



- Overall Ranking 801-1000 in the World
- Overall Ranking Top 20th in Pakistan
- Overall Ranking Top 3rd in Sindh
- In SDG-3 (Good Health & Well-being) Ranked Top 3rd in Pakistan and 2nd in Sindh in
- In SDG-5 (Gender Equality) Ranked Top 6th in Pakistan and 1st in Sindh.



- 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 5th Private Sector Universities in Pakistan.
- Among Top 1 Private Sector University in Sindh.



TOTAL FACULTY MEMBERS



VISITING FACULTY





TOTAL PHDs





DEGREE PROGRAMMES OFFERED

45+ UNDERGRADUATE

POSTGRADUATE

TOTAL PROGRAMMES



TOTAL NUMBER OF STUDENTS ENROLLED

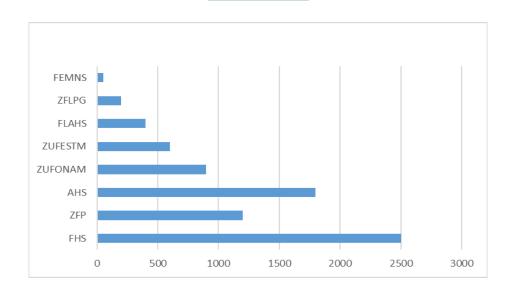








NUMBER OF GRADUATES 2024





SCHOLARSHIPS AWARDED

541 STUDENTS WERE
OFFERED SINDH ENDOWMENT
SCHOLARSHIP

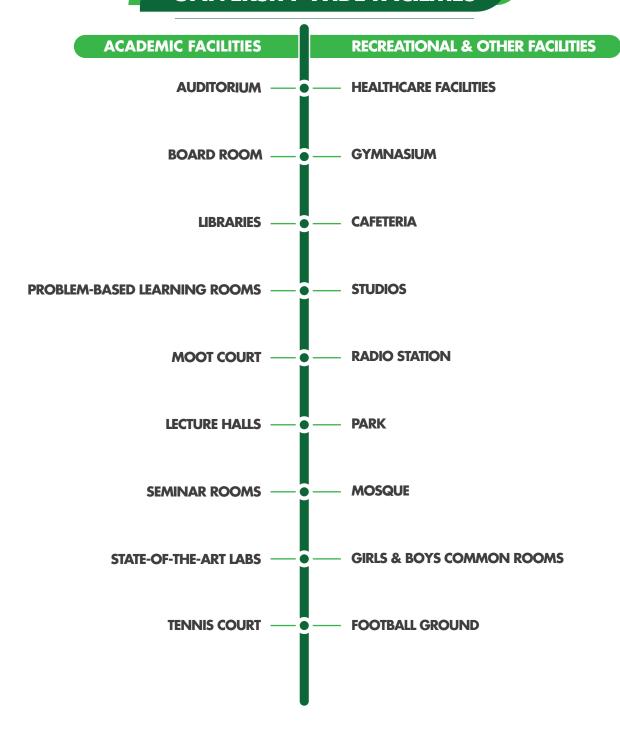


APPROX. 93 MILLION PKR DISBURSED AS FINANCIAL SUPPORT





UNIVERSITY WIDE FACILITIES



ZIAUDDIN UNIVERSITY'S STUDENT ADMISSIONS

Ziauddin University's Student Admissions is a subdivision of the Registrar's office. As the face of the university, we strive to equip ourselves with necessary information about the university offerings and are committed to serving the university by furnishing potential candidates with programme information, admission timelines and processes. Along with this, Students Admissions focus is on those events which serve to raise awareness about the university's offerings.

College Fairs

College Fairs comprise a large part of our awareness activity. During 2024, the department participated in 17 fairs/education expos. While the majority of invitations were repeated, those to Karachi Grammar, Beaconhouse, and City School stemmed from strategic partnerships formed following specialised counselling sessions.

S. no.	Hosting Institution	No. of students
1	The Caspian College	100
2	Meritorious Education Centre	130
3	Beaconhouse National College	500
4	Whales College CareerFest 2024	95
5	The City School (Karachi Region)	220
6	The Lyceum	45
· 7	Credo College	60
8	Dawood Public School	130
9	Bahria College	300
10	Dawn Education Expo	30
11	Karachi Grammar School	30
12	Nixor College	85
13	Army Public School & College, Saddar	200
14	Highbrow College	150
15	Habib Girls College	75
16	Aga Khan School	230

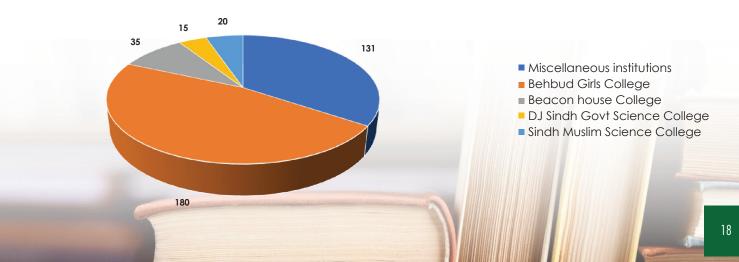
Counselling/Information Sessions

While college fairs expose us to a large audience of potential candidates, focused group sessions serve as an accurate platform to engage with the students to understand their interests and guide them into a deeper understanding of the scope of the programme and career prospects. During 2024, we interacted with students from both intermediate and Cambridge schools.

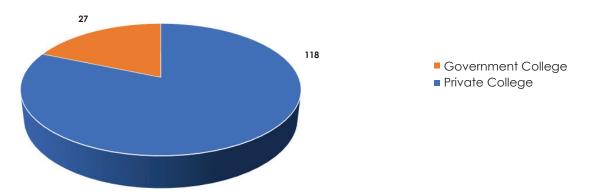
S. No.	Hosting Institution for Counselling Sessions
1.	Aga Khan School Kharadar
2.	Generations School, S.I.T.E.
3.	City School, Darakshan Campus

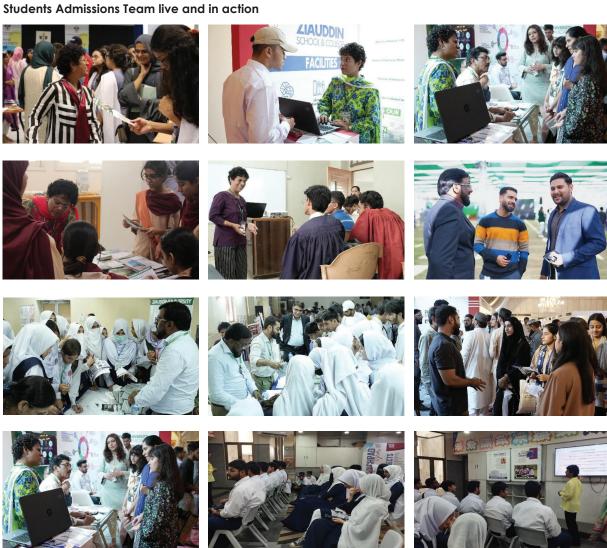
Open House

Open houses in the university are being witnessed for the third consecutive year, with registrations and actual participation touching new heights. For Clifton Campus, Open House Behbud Girls Higher Secondary, DJ Science, Sind Muslim Government College, and Beaconhouse College dominated participation, while scattered participation represented institutions from almost divisions of the city.



To maximise our outreach, an open house was organized in North Nazimabad, inviting participation primarily from the central division. Government Degree College for Women accounted for a significant portion of the participation from public colleges, while City School and Cedar College led the participation from private institutions.





The HR Department at Ziauddin University plays a pivotal role in fostering a supportive and dynamic work environment. Committed to employee well-being and professional growth, the department undertakes initiatives to enhance organisational efficiency, promote skill development, and cultivate a culture of collaboration. Through strategic activities and engagement efforts, HR ensures that Ziauddin University remains a hub of innovation and excellence.

Career Fair Participation

The HR Department represented Ziauddin University at the Career Fair hosted by DHA Suffa University on 25th January 2024, engaging with prospective candidates and promoting career opportunities.

Fire Fighting Training

A comprehensive Fire Fighting Training session was organised on 22nd October 2024, equipping participants with vital safety skills and emergency response techniques.









Career Fair at Ziauddin University

On 19th December 2024, the HR Department hosted a Career Fair, offering students and professionals the chance to explore diverse career paths and network with industry leaders.







Beach Picnic

A relaxing Beach Picnic on 28th December 2024, providing an opportunity for employees to unwind and foster camaraderie in a scenic setting.









EXTRACURRICULAR ACTIVITIES

Internal Medicine Interest Group - "Why I Chose Internal Medicine" by Dr. Zaid Aslam

It was an engaging and insightful session led by Dr. Zaid Aslam. His detailed discussion highlighted both the challenges and rewards associated with this field, offering practical advice and encouragement to those considering the same path. Attendees benefited greatly from his expertise, gaining valuable perspectives on what it takes to thrive in Internal Medicine and why it can be a deeply fulfilling career choice.

Internal Medicine Interest Group - Phlebotomy and Cannula Insertion Workshop

Provided participants with comprehensive training in essential clinical skills. Highlights included an introduction to the basics of blood collection, vein selection, and adherence to safety protocols. The session also covered IV cannulation techniques and troubleshooting for successful insertions. Attendees gained hands-on practice, building confidence under the supervision of experienced professionals. The workshop concluded with an interactive Q&A session, allowing participants to deepen their understanding through expert guidance.

Internal Medicine Interest Group & VFAHT - Hepatitis Seminar

The two-day event began with the Essential Hepatitis Clinical Skills Workshop, led by Dr. Zuleikha Halai. This hands-on training provided participants with critical skills for diagnosing and managing hepatitis, featuring practical scenarios from basic diagnostics to treatment techniques. On the second day, the Hepatitis Seminar, led by Dr. Abouzar Nouri, focused on the latest advancements in hepatitis prevention, diagnosis, and treatment. Attendees gained valuable insights through expert-led discussions and interactive sessions designed to deepen their knowledge and clinical proficiency.

Internal Medicine Interest Group - Unlocking opportunities: Navigating U.S Electives with Dr. Sarosh Alam Provided practical guidance for IMGs on navigating US electives. Dr. Alam shared key tips and strategies to help participants prepare effectively and maximise their chances of success. The session offered clear, actionable advice tailored for students embarking on this journey.

Surgery Interest Group & Mission Brain - Suturing Workshop

With 180 participants, the event successfully met its goals of offering practical knowledge in the field of surgery by teaching six different suturing techniques. Additionally, the workshop provided valuable networking opportunities, welcoming medical students from various colleges and academic years. This successful collaboration with Mission: Brain Pakistan has set the stage for future collaborations, benefiting the medical community at Ziauddin Medical College.

Surgery Interest Group - Local Electives Webinar

The webinar aimed to provide MBBS students from all five years with valuable insights into the benefits, application processes, and experiences associated with local electives. Participants gained a comprehensive understanding of what electives entail, the skills and benefits they offer at different stages of medical education, and the differences between local and international electives. Seniors provided some specific insights into the application process and their experiences of completing electives at the following hospitals: NICVD, JPMC, Civil, AKU, King Edward, Shifa, SIUT, Indus, Sheikh Zayed, and Liaquat. These hospitals, located in different cities, provided diverse perspectives and experiences.

Surgery Interest Group - Road to General Surgery Webinar, Dr Osama Anis and Dr Amna Zubia

With Ziauddin alumni Dr. Osama Anis and Dr. Amna Zubia as speakers, the webinar covered key topics such as USMLE preparation, residency application strategies, securing clinical rotations, and understanding the residency match system. The interactive Q&A sessions and personal journeys shared by the speakers offered students a practical and inspiring roadmap to pursuing a career in general surgery in the US. The event successfully equipped attendees with the knowledge, tools, and confidence needed to navigate the US healthcare system and excel in their surgical careers.

Surgery Interest Group - Precision in Practice: Suturing and Laparoscopy, Dr Nadia Haroon, general and laparoscopic surgeon

This immersive workshop was held at the Skills Lab of Ziauddin Hospital, Clifton, and provided MBBS

students with essential practical experience in basic suturing and laparoscopic procedures. By the end of the workshop, students had not only enhanced their practical surgical skills but also gained early exposure to advanced laparoscopic techniques. The event successfully bridged the gap between theoretical knowledge and practical application, sparking interest in surgical specialities and fostering a collaborative learning environment.

Surgery Interest Group - Surgical landscape in the UK, Dr Rabia Sheikh

The session, conducted by Dr. Rabia Sheikh, was tailored for medical students aiming to pursue surgery in the UK. It was an exclusive opportunity to gain expert guidance on the application process, eligibility criteria, and tips for securing a match in the NHS. The students were able to learn how to overcome common challenges, strengthen their application, and navigate professional expectations in UK clinical practice.

Cardiology Interest Group - MedSkills Essentials Workshop

Covered essential skills for history taking, performing cardiovascular examinations, and CVS-related emergency management.

Cardiology Interest Group - Cardiology Internship Programme at Civil Hospital.

Provided students hands-on experience through shadowing doctors, patient interactions and observing surgeries.

Cardiology Interest Group - Heart Health Heroes Campaign

Engaged students from various medical universities across Karachi to educate people about heart disease prevention and raise awareness.

Cardiology Interest Group - Webinar with Dr. Jonathan Fisher

Discussion with esteemed cardiologist Dr. Jonathan Fisher about his journey in cardiology, clinician wellbeing and burnout prevention strategies for medical students.

The ultimate guide to PLAB and NHS success (SIG x IMIG) - Dr Hammad Buksh Illahi and Dr Maheen Baloach

A webinar was held on the 27th of September 2024 featuring Ziauddin University alumni, Dr Hammad Buksh Ilahi and Dr Maheen Baloch, both Trust grade core trainees at Hull University Teaching Hospital in the UK. Whether you're gearing up for the PLAB exam or weighing your options between PLAB and USMLE, this webinar offered invaluable guidance to boost your career prospects. Students were able to gain expert insights on mastering the PLAB, securing competitive NHS positions, and effectively navigating the UK medical system—directly from doctors who have successfully walked this path.

Research Ready: From Basics to Breakthroughs with Dr. Syed Tabish Rehman (IMIGxSIG)

Dr. Syed Tabish Rehman led an informative session on the foundations of research, providing students with valuable insights into bridging the gap between theoretical knowledge and practical applications. His guidance helped participants gain a clearer understanding of how to apply research principles effectively in real-world scenarios.

MBBS Student Council - Clinical Skills Workshop

Recognising the critical role of practical competency in fostering future healthcare professionals, the MBBS Student Council, in collaboration with the Office of Student Affairs, recently hosted a transformative Clinical Skills Workshop on the 23rd of May 2024. This immersive event, designed to bridge the gap between theoretical knowledge and practical application, empowered first and second year MBBS students at Ziauddin Medical College. Through interactive learning opportunities and expert guidance, participants honed essential clinical skills, solidifying their foundation for success in future patient encounters.

MBBS Student Council - Neonatal Resuscitation Workshop

The MBBS Student Council of Ziauddin Medical College, with unwavering support from the Office of Student Affairs, successfully conducted the Helping Babies Survive (HBS) Workshop on the 25th of July 2024 at Ziauddin University, Clifton Campus, Karachi. This workshop was supervised by Dr. Natheline Fernandes and led by project heads Wamiq ul Shakoor Memon and Javeria Azhar. The workshop began with a

comprehensive presentation by Wamiq ul Shakoor from Jinnah Sindh Medical University, outlining the procedures for assessing and managing neonatal emergencies according to established protocols. This was followed by hands-on practice at various stations managed by HBS trainers, allowing participants to gain confidence in applying neonatal resuscitation techniques.

MBBS Student Council - BLS Workshop x MedAid

MBBS Student Council of Ziauddin Medical College, in partnership with MedAid and the Office of Student Affairs, conducted a highly successful BLS Level 1 Workshop at Ziauddin University, Clifton. This two-day training event was designed to equip MBBS students with critical emergency response skills, underscoring the vital role bystanders play in life-threatening situations. Shortlisted participants from all years came together for a blend of theoretical instruction and hands-on practice.

BDS Student Council - Panel Talk "Exploring the Depths of Dentistry"

Panel Talk "Exploring the Depths of Dentistry" organised by the BDS Student Council in collaboration with the Office of Student Affairs. The panellists for the talk were: Dr. Madiha Aftab, Dr. Shaharyar Usman and Dr. Aneeka Anwar.

Highlights of the panel discussion included:

Opening Your Practice—tips and strategies for new dentists, Specialising Abroad—insights into pursuing specialisations internationally, Challenges Faced—personal experiences and overcoming obstacles in the field, and Research Opportunities—exploring the vast research prospects in dentistry.

ZCPT Student Council - Postural Awareness

Students of ZCPT, along with Dr. Nabeel Khuewaja, prepared and presented a session that aims to enhance understanding of preventive measures and promote health and wellness among the workforce. The session was conducted at Ocean Network Express; we appreciate their management for providing a platform to have this great interactive session and also to Dr. Nabeel Khuewaja for taking some time to make this session valuable and interactive.

VCON 2024

Ziauddin University, in collaboration with the IPAC Foundation and under the supervision of the Office of Student Affairs, proudly hosted VCON 2024, which was the first ever VCON in Karachi. It was a dynamic two-day summit that brought together healthcare leaders, students, and volunteers to explore the intersection of health and technology.

Day 1 featured enriching workshops, including sessions on tackling hepatitis B and C by Dr. Adnan Maqsood Khan, and technological innovations in dental safety by Dr. Fahad Umer. Participants also gained hands-on experience through a suturing workshop and were also able to explore the ethical implications of medical advancements with Dr. Umar Farooq and Dr. Faisal Aziz, who joined online from the Penn State, USA.

Day 2 concluded with an insightful panel discussion, exciting quizzes, and a volunteer recognition ceremony, celebrating the hard work of VFAHT volunteers.

ALUMNI - CAREER COUNSELLING AND PLACEMENT OFFICE

Shield Distribution Ceremony

The Career Counselling and Placement Office held a prestigious Shield Distribution Ceremony to honor the participants of Career Fair 2023. The Vice Chancellor and Registrar presented shields to employers in recognition of their valuable contributions.

The ceremony highlighted the university's commitment to fostering professional growth and strengthening industry-academia collaboration. The shield recipients expressed their appreciation and reaffirmed their dedication to future career development initiatives.







Professional Development and Career Opportunities in the UK

The session featured an experienced alumnus, Ali Quaid, who provided valuable insights into career pathways, licensing requirements, and job prospects in the UK healthcare sector for Medical Technologists.

Key topics discussed included professional certification, skill enhancement, and adapting to the UK work environment. Students engaged in a Q&A session, gaining clarity on challenges and opportunities abroad. The talk inspired students to explore international career avenues and prepare effectively for future endeavors.





Orientation of New Batch of BDS

A distinguished alumnus of Ziauddin College of Dentistry, Dr. Syed Areeb Uddin, was invited to provide insights into academic expectations, clinical training, and career opportunities in dentistry.

The alumnus shared personal experiences, study strategies, and practical advice for excelling in the program. Students actively participated in the interactive session, asking questions about course challenges and future prospects.

The event concluded with words of encouragement and motivation, inspiring students to make the most of their journey at the institution.





Session on Basic Research Overview

An informative alumni session was conducted by Dr. Sobia Masood for first-year medical students on the topic of basic research overview.

Dr. Masood provided valuable insights into the fundamentals of medical research, including research design, methodology, and the importance of evidence-based practice. She shared her personal experiences and encouraged students to actively participate in research opportunities early in their medical careers.

The session concluded with an engaging Q&A segment, where students gained clarity on various aspects of conducting and publishing research. The event was well-received and served as a motivational platform for aspiring researchers.



Celebratory Dinner for US Residency-Matched Graduates

The esteemed Chancellor of Ziauddin University graciously hosted a celebratory dinner at his residence to honour the remarkable achievements of the US Residency-Matched graduates from Ziauddin Medical College.

This prestigious event not only highlighted the academic excellence of the graduates but also showcased the supportive and vibrant culture nurtured at Ziauddin University.



Ziauddin University Career Fair 2024

The Career Counselling and Placement Office successfully hosted a career fair, attracting top employers from diverse industries. The event provided students and alumni from various programs, including healthcare, engineering, business, education, and humanities, with valuable networking opportunities and insights into career prospects.

Leading companies offered internship and job placements, engaging with attendees through interactive sessions. The fair received an overwhelming response, facilitating meaningful connections between employers and potential candidates, reinforcing the institution's commitment to career development and professional growth.







Deputy Director's Message

The Sports Department at Ziauddin University is dedicated to providing exceptional support and assistance to ensure your experience is enriching and rewarding. The department offers a comprehensive range of coaching skills, techniques, and programmes tailored to foster growth, achievement and success in all aspects of life, including ethical, social, moral and physical development. The sports department promotes camaraderie, teamwork and athletic excellence among students.

The Sports Department, as usual, gave the students a worthwhile, active, and healthy lifestyle and significantly improved their academic experience during this remarkable year of 2024.

Shaheen Fatima

Deputy Director Sports

ACTIVITIES & ACHIEVEMENTS

KBC Spring Regatta

In January 2024, Ziauddin University Boys & Girls participated and won 5 bronze medals at the KBC Spring Regatta.





HEC Boys Football Championship

In February 2024, Ziauddin University secured the runner-up trophy in the HEC Boys Football Championship.





HEC Girls Badminton Championship

Ziauddin University reached the quarterfinals in the HEC Girls Badminton Championship in February 2024.







IBA Olympiad

Ziauddin University participated in Boys Table Tennis and Girls Badminton at the IBA Olympiad in February 2024.

IOBM Olympiad

In April 2024, Ziauddin University won the Final in Boys Snooker and Girls Badminton at the IOBM Olympiad.











Girls Throwball Championship

Ziauddin University reached the Semifinal in the Girls Throwball Championship at the IOBM Olympiad in April 2024.



MBBS Sports Day

In May 2024, Ziauddin University hosted a successful MBBS Sports Day for students.





Boys & Girls Badminton Championship

Ziauddin University held the Boys & Girls Badminton Championship in June 2024.







Azadi Sports Gala Season 2

In August 2024, Ziauddin University hosted various tournaments, including Girls' Throwball, Futsal, Table Tennis, and Cricket.

Girls' Throwball tournament venue (Clifton campus)

Futsal boy's tournament venue (Clifton & Link Road campus)

Table Tennis boys & Girl's tournament venue (Clifton, North, & Link Road campus)

Cricket boys round matches for Clifton/North campus venue (NED University

Cricket boys & Girl's round matches and Final venue (Link Road campus)











AKU Olympiad

Ziauddin University Boys Volleyball Team reached the Semi Final, and the Boys Lawn Tennis team won the Final in September 2024.

Ziauddin University boys Volleyball team reached in Semi Final

Ziauddin University boy Lawn tennis won the Final

Ziauddin University boys Volleyball team reached in Semi Final.

Ziauddin University Girls Throwball team reached in Semi Final.

All Boys Snooker Championship

In October 2024, Ziauddin University held the All Boys Snooker Championship.





HEC Boys Table Tennis

In November 2024, Ziauddin University Boys Table Tennis Doubles Team won the runner-up trophy in the HEC Championship.

Ziauddin University Boys Volleyball team reached the Semi Final.

Law Student Cricket League

Ziauddin University participated in the 6th Law Student Cricket League in December 2024.

Memorandum of Understanding (MoU) with Kareem Kerai Academy (KAA) for Football

In 2024, Ziauddin University signed an MoU with Kareem Kerai Academy (KAA) to enhance the sports development and coaching programmes for its students, particularly in the sport of football. This partnership aims to manage and maintain the university's soccer team, focusing on coaching, practices, matches, and tournaments. Under this agreement, Ziauddin University will provide its students with opportunities to participate in structured football training sessions conducted by KAA, ensuring the growth of football talent at the university.

Memorandum of Understanding (MoU) with Shamsi Academy (SA) for Lawn Tennis

Ziauddin University entered into an MoU with Shamsi Academy (SA) in 2024 to strengthen its tennis programme. The MoU outlines the management and maintenance of the university's tennis team, including coaching, practices, matches, and tournaments. As part of the agreement, Shamsi Academy will offer tennis training to students interested in the sport, with special discounts provided to ZU students, staff, and their families. This collaboration aims to cultivate tennis talent and foster a healthy, competitive environment for students.



FACULTY OF HEALTH SCIENCES

DEAN'S MESSAGE

The 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. We offer a diverse range of programmes, including undergraduate degrees in Medicine, Dentistry, Public Health, and Molecular Medicine. Postgraduate options include Master's programmes in Health Professions Education, Healthcare Management, Dental Sciences, and Public Health. Our M.Phil and Ph.D. offerings cover specialisations in Anatomy, Biochemistry, Molecular Medicine, Pathology, Pharmacology, and Physiology. Additionally, we provide Clinical Postgraduate programmes such as MCPS/FCPS and MD in Critical Care Medicine. 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 strata 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 Public Health
- College of Molecular Medicine





PUBLICATIONS OF ZIAUDDIN UNIVERSITY

Sr .#	Title	Journal	Publication Year	Main Author	Co-Authors	Main Author Sequence	Affiliations	HJRS	Hec Category	PMDC	Scopus	Web of Science	PUBMED	Index Medicus	Imp. Factor	Meet Criteria
1	Efficacy of human interleukin-11 analogs for treating dengue fever-associated thrombocytopenia: a prospective cohort	European Journal of Medical Research	2024	Ali Abbas	1. Sidra Khan 2. amil Muqtadir 3. Syed Ali Abbas 4. Irshad Batool 5. Syed H. M. Zaidi 6. Mahrukh 7. Ahmed Wahab 8. Kashif Ayoob 9. Fnu Sameeullah 10. Ejaz A. Vohra	3	Ziauddin University Hospital, Karachi	Yes	W	-	Yes	Yes	Yes	-	2.8	OK
2	Reference Intervals for Venous Blood Gas in Healthy Adults: A One- Year Prospective Study	CUREUS Journal of Medical Science	2024	Ali Abbas	Ayesha Akhtar Syed Ali Abbas S, Fatima Zaina Gohar Fatima S. Ahmed Wahab Jamil Muqtadir	2	Ziauddin University Hospital, Karachi	-	-	-	-	Yes	-	-	1	OK
3	Presentation of Arteria Lusoria with Non Recurent Laryngeal Nerve	Indian Journal of Otolaryngol ogy and Head & Neck Surgery	2024	ALI AKBER (Card #82076)	1.Dr. Yumna Afzal 2.Dr. Muhammad Wasif 3.Dr Soubia Akhtar 4.Dr. Rahim Dhanani 5.Dr. Qandila Ali 6.Ali Akber	5	1.NH2.CH3.KH45.KH6.Ziauddin University	Yes	х	No	Yes	Yes	Yes	No	-	OK
4	Left Internal Jugular Vein Phlebectasia: Sporadic Presentation of Rare Disease—A Case Report	SN Comprehen sive Clinical Medicine	2024	ALI AKBER (Card #82076)	I.M. Ali. 2 Muhammad Adeel Ahmed 3. Azeem UI yaqin Syed. 4 Sherr Pervaiz Khan. 5. Ahmed A. AlMokhatieb 6 , Abdulaziz Abdulvahed 6. Abdulaziz Abdulwahed 6, Khulud A. Al-Aali. 7 Fahim Vohra. 8.DR. ASMAT JAMEEL, 9.DR. YUMOW AFZAL. 10.DR. MUHAMMAD WASIF. 11. Rehmat Noor Sheikh. 12.DR. SOUBIA AKHTAR. 13.DR. FAREHA JABBAR. 14.A LI AKBER. 15.DR. YUMNA AFZAL. 16.DR. MUHAMMAD	5	I-FJDC2-King Faisal University of Science and Technology of Figiarah-FJDCS-Prince Sattam Bin Abdulaziz University of Princess Nourah Bint Abdulrahman University A: Ingaladin University A: Ingaladin University B: Zlauddin University S: A: Ingaladin University S: Ingaladin University I: Ingaladin I: I	No		Yes	No	Yes	Yes	No	-	OK
5	Role of parental age in newborn telomere length prolongation	AIMS Molecular Science	2024	ALIYA IRSHAD SANI (Card #81380)	1.ALIYA IRSHAD SANI.2.Sadia Farrukh.3.SAEEDA BAIG.	3	1.Ziauddin University2.Aga Khan University, Karachi3.ZU	Yes	Y	0	No	Yes	No	No	-	ОК
6	CDCA8, a mitosis- related gene, as a prospective pan-cancer biomarker: implications for survival prognosis and oncogenic immunology	American journal of translationa I research	2024	ALIYA IRSHAD SANI (Card #81380)	1.Hanjie Hu.2.Muhammad Umair.3.Sikandar Ali Khan.4.ALIYA IRSHAD SANI.	4	1.Peking Union Medical College2.Gomal Medical College3.Khyber Girls Medical College,4.Ziauddin University	Yes	-	Yes	No	Yes	Yes	No	-	OK
7	Emerging novel sequence types of Staphylococcus aureus in Pakistan.	Journal of Infection and Public Health.	2024	Ambrina Khatoon	Ambrina Khatoon Syed F. Hussain Syed M. Shahid Santosh Kumar Sidhwani Salman Ahmed Khan Omer Ahmed Shaikh Abdulqadir J. Nashwan	1	Ziauddin University	YES	W	-	YES	YES	YES	YES	7.5	Ok
8	Role of Alanine Transaminase and Transient Elastography in Categorising nonalcoholic Fatty Liver Disease Subgroups.	Journal of the College of Physicians and Surgeons Pakistan	2024	Ambrina Khatoon	1. Asma Shabbir 2. Zaigham Abbas 3. Ambrina Khatoon 4. Talat Mirza	3	Ziauddin University	YES	х	YES	YES	YES	YES	YES	0.7	Ok
9	Predisposing deleterious variants in the cancer-associated human kinases in the global populations.	PLOS ONE	2024	Ambrina Khatoon	1. Salman Ahmed Khan 2. Misbah Anwar, 3. Atlia Gohar 4. Moom R. Roosan, 5. Daniel C. Hoessli, 6. Ambrina Khatoon, 7. Muhammad Shakeel	6	Ziauddin University	YES	W	-	YES	YES	YES	-	2.9	Ok
10	Misoprostol for non- alcoholic steatohepatitis: a randomised control trial.	BMJ Open Gastroenter ology	2024	Ambrina Khatoon	1. Mehreen Siyal 2. Zaigham Abbas 3. Muhammad Ali Qadeer 4. Alina Saeed 5. Usman Ali 6. Ambrina Khatoon	6	Ziauddin University	YES	W	-	YES	YES	YES	-	3.3	Ok
11	BRAF mutations and the association of V600E with CD133 and CDX2 expression in a Pakistani colorectal carcinoma cohort.	BMC Cancer	2024	Ambrina Khatoon	1. Sobia Hassan 2. Talat Mirza 3. Ambrina Khatoon 4. Uzma Bukhari 5. Fouzia Shaikh 6. Asad Karim	3	Ziauddin University	YES	W	-	YES	YES	YES		3.4	Ok
12	Effects of Simulated Equestrian therapy on motor proficiency and gait parameters among Down Syndrome Children- A Randomized controlled trial	Internationa 1 Journal of Exercise Science	2024	Bashir soomro	I. MAHA SIDDIQUI 2. SUMAIRA FAROOQUI 3. JAZA RIZVI 4. BASHIR AHMED SOOMRO and MUHAMMAD USMAN KHAN	4	Ziauddin University	Yes	х		Yes	-	-	-	-	OK
13	Efficacy of simulated equestrian therapy in improving gait parameters among children with Down syndrome: a randomized controlled trial	Khyber Medical University Journal	2024	Bashir soomro	1. Maha Siddiqui 2. Sumaira Farooqui 3. Jaza Rizvi 4. Bashir Ahmed Soomro	4	Ziauddin University	Yes	Y	Yes	Yes	Yes	-	Yes	-	ОК
14	ASPECTS and Functional Outcomes in Left versus Right Hemisphere Strokes: A Prospective Cohort Study	Pakistan Journal of Medicine & Dentistry	2024	Bashir soomro	1. Hudaibiya Ayub 2. Bashir A. Soomro 3. Rida Younisi 4. Maha Ali 5. Hira Fatima 6. Inayat Ali Khan	2	Ziauddin University	Yes	Y	Yes	-	-	-	Yes	-	OK

15	IRANSFORMING PAKISTAN'S MEDICAL LANDSCAPE THE CONVERGENCE OF PHYSIOLOGY, PHARMACOLOGY, AND HISTOPATHOLOGY FROM DIGITAL PIONEERING TO	Journal of Population Therapeutic s and Clinical Pharmacolo gy	2024	BILQUEE S SABA (Card #81954)	I.BILQUEES SABA.2.Dr Saima Nadeem.3.Dr Fiaz Ahmad.4.Dr Sofia Jadoon.5.Dr Nighat Parveen.6.Dr Saima Bashir.	5	1.Ziauddin University2. Khyber Girls Medical College, Peshawar3. Ayub Medical College, Abbottabad4 Abbottabad International Medical College Abbottabad5 Abbottabad International Medical College Abbottabad6. Gomal Medical College, Dera Ismail Khan	Yes	-	No	Yes	No	Yes	No	-	OK
16	Comparison of Outcome between Laparoscopic and Open Appendectomies in Pakistani Patients	African journal of biological science	2024	BILQUEE S SABA (Card #81954)	I.BILQUIEES SABA 2.Dr Aligohar Khan.3 Muhammad Kamran Khan.4.Dr Iram Bashir.5.Dr Ilyas Fiaz 6.Dr Saadia Hamid.7.Inam-u-llah.	7	1 Ziauddin University2 Fauji Foundation Hospital, Peshawar Cantt Pakistan 3 College of Medicine, Dawadmi, KSA4 Gomal Medical College, D1 Khan5.4 Pakistan Institute of Medical Sciences, Islamabad6. Frontier Medical and Dental College, Abbottabad7. The University of Haripur	Yes	-	No	Yes	No	No	No	-	OK
17	Assessment of Surgical Site Infections in Pakistani Hospitals: Prevalence, Risk Factors, and Antimicrobial Resistance Patterns	African journal of biological science	2024	BILQUEE S SABA (Card #81954)	I.BILQUEES SABA.2.Aligohar Khan.3. Muhammad Kamran Khan.4. Il.yas Fiaz.5.Muhammad Ishaq Javed.6. Inam-u-llah.	4	1 Ziauddin University2 Fauji Foundation Hospital, Peshawar Cantt3 College of Medicine, Dawadmi, KSA4 Pakistan Institute of Medical Sciences, Islamahad5. Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi Pc.The University of Haripu	Yes	Y	No	No	No	Yes	No	-	OK
18	The Critical Role of Histopathology in the Diagnosis and Management of Diseases in Pakistan	African journal of biological science	2024	BILQUEE S SABA (Card #81954)	I.BILQUEES SABA.2 Dr Saima Bashir.3 Dr Fiza Ahmad 4.Dr Bismah Ahmad 5. Dr. Nusrat Shaheen 6.Muhammad Ali Khan.7.Inam-u- llah.	3	1.Ziauddin University2 Gomal Medical College, Dera Ismail Khan,3.Ayub Medical College, Abbottabad4 CMH Lahore Medical College and Institute of Dentistry, Lahore5 Abbottabad University of Science and Technology, Havalian KPK6.Abbottabad University of Science and Technology, Havalian KPK7.The University of Haripur, Pakistan	Yes	Y	No	Yes	No	Yes	No	-	OK
19	Transforming Pakistan's Medical Landscape The Convergence Of Physiology, Pharmacology, And Histopathology From Digital Pioneering To Computational Excellence.	Journal of Population Therapeutic s & Clinical Pharmacolo gy	2024	BILQUEE S SABA (Card #81954)	Dr Sairma Nadeem Dr Siaz Ahmad To Sofia Jadoon Dr Nighat Parveen Dr Signa Bashir Dr Sairma Bashir	5	Ziauddin University	YES	Х	-	Coverage discontinued in 2022	-	-	-	-	OK
20	The Critical Role of Histopathology in the Diagnosis and Management of Diseases in Pakistan.	African Journal of Biological Science	2024	BILQUEE S SABA (Card #81954)	1. Dr Saima Bashir 2. Dr Fiaz Ahmad 3. Dr Bilquees Saba 4. Dr Bismah Ahmad 5. Dr. Nusrat Shaheen 6. Muhammad Ali Khan 7. Inam-u-llah	3	Ziauddin University	-	-	-	Coverage discontinued in 2022	-	-	-	-	
21	Assessment of Surgical Site Infections in Pakistani Hospitals: Prevalence, Risk Factors, and Antimicrobial Resistance Patterns	African Journal of Biological Science	2024	BILQUEE S SABA (Card #81954)	1. Aligohar Khan 2. Muhammad Kamran Khan 3. Il.yas Fiaz 4. Bilquees Saba 5. Muhammad Ishaq Javed 6. Inam-u-llah	4	Ziauddin University	-	-	-	Coverage discontinued in 2022	-	-	-	-	
22	Comparison of Outcome between Laparoscopic and Open Appendectomies in Pakistani Patients	African Journal of Biological Science	2024	BILQUEE S SABA (Card #81954)	5. Dr Saadia Hamid 6. Inam-u-llah 7. Dr Bilquees Saba	7	Ziauddin University	-	-	-	Coverage discontinued in 2022	-	-	-	-	
23	Assessment of anti- inflammatory and anti- arthritic potential of ethanolic extract of Solanum nigrum L. leaves in CFA-induced arthritic rat model	Annals of Abbasi Shaheed Hospital & Karachi Medical & Dental College	2024	DR. AKHTAR ALI (Card #81128)	LDR. AKHTAR ALL2 DR. HAROON UR RASHEED 3 DR. KAUSER MOIN MIRZA 4 DR. MUHAMMAD OWAIS ISMAIL 5 DR. REHAN IMAD 6 DR. JUNAID ANWAR.	4	1.Ziauddin University2.ZU(PHARMACOLOGY)3.ZU(PHARMACOLOGY)4.ZU(PHARMACOLOGY)5.ZU(COLLEGE OF MOLECULAR MEDICINE)6.ZU(PATHOLOGY)	No	-	Yes	No	Yes	Yes	Yes	-	OK
24	Implications of CLEC3B as a Prognostic Marker in Oral Squamous Cell Carcinoma	Annals of Abbasi Shaheed Hospital & Karachi Medical & Dental College	2024	DR. AKHTAR ALI (Card #81128)	1.DR. AKHTAR ALI.2.DR. SYEDA ZEHRA AHMAD.3.DR. FOUZIA.4.DR. SHUMAILA USMAN.5.DR. HAROON UR RASHEED.6.Asma Akram.	4	1.Ziauddin University2.ZU(PATHOLOGY)3.ZU(PATHOLOGY)4.ZU(COLLEGE OF MOLECULAR MEDICINE)5.ZU(PHARMACOLOGY)6.ZU	No	-	Yes	No	Yes	Yes	Yes	-	OK
25	The outcome of Endoscopic Endonasal Dacryocystorhinostom yWith and Without Intubation	Journal of Surgery Pakistan	2024	DR. AMBER KHALID (Card #81234)	1.DR. AMBER KHALID.2.Quratulain Paracha.3.Sharjeel Sultan.4.Aveen Ftima 5. Kanwal Zehra Rizv.	1	1.Ziauddin University2.ZU3.ZU4.ZU5.ZU	Yes	Y	Yes	No	No	No	Yes	-	OK
26	Preventing Ocular Surface Foreign Body Complications: Enhancing Awareness and Precaution	Pakistan Journal of Medicine and Dentistry	2024	DR. AMBER KHALID (Card #81234)	1.DR. AMBER KHALID.	1	1.Ziauddin University	No		Yes	No	No	No	Yes	-	OK
27	Role of Suprachoroidal versus Intravitreal injection of triamcinolone: In diabetic macular edema	The Professiona I Medical Journal	2024	DR. AMBER KHALID (Card #81234)	1.DR. AMBER KHALID.2. Aveen Fatima.	1	1.Ziauddin University2.ziauddin university	No	-	Yes	No	No	No	No	-	OK
28	Efficacy of topical cyclosporine 0.5% in vernal keratoconjuctivitis	The Professiona I Medical Journal	2024	DR. AMBER KHALID (Card #81234)	1.DR. AMBER KHALID.2.Aveen Fatima.3.804548.4.Quratulain.	1	1.Ziauddin University2.ZU3.ZU4.ZU	Yes	Y Category	Yes	No	No	No	Yes	-	OK

29	The Outcome of Endonasal Endoscopic Versus Transcanalicular Laser Dacryocystorhinostom	Journal of Liaquat University of Medical and Health Sciences	2024	DR. AMBER KHALID (Card #81234)	LDR. AMBER KHALID 2 Mahtab Alam Khanzada 3 Muhammad Ayub Bhatti 4.Aveen Fatima Khalid 5 DR. MUHAMMAD WASIF 6.SHARJEEL SULTAN.	1	1.Ziauddin University2.ZU3.ZU4.ZU5.ZU6.Z U	Yes	Y	Yes	Yes	Yes	Yes	Yes	-	OK
30	The Effect Of 0.01% Atropine On Myopia Progression	Journal of Rawalpindi Medical College	2024	DR. AMBER KHALID (Card #81234)	1.DR. AMBER KHALID.	1	1.Ziauddin University	Yes	Y Category	Yes	No	No	No	No	-	OK
31	SPINAL ANATOMY AND BEYOND: INVESTIGATING DEGENERATIVE DISC DISEASE	Biological and Clinical Sciences Research journal	2024	DR. FARAH AZHAR (Card #81372)	I ABDUL REHMAN 2. SYEDA ANDLEEB ZEHRA NAQVI 3. QURAT UL AIN KHAN 4. FARAH MALIK. 5. DR. FARAH AZHAR.	5	Liaquat College of Medicine and Dentistry2. Liaquat College of Medicine and Dentistry3. Liaquat College of Medicine and Dentistry4. Liaquat College of Medicine and Dentistry5. Ziauddin University	Yes	-	No	No	No	No	No		ОК
32	Diagnosis of Community-Acquired pneumonia in children using photoplethysmography and Machine learning- based classifier	Biomedical Signal Processing and Control	2024	DR. FARHAN A ZAFAR (Card #80439)	I.DR. FARHANA ZAFAR 2.KEHKASHAN KANWAL 3. Syed Ghufran Khalid 4. Muhammad Asif: 5. Aisha Ghazal Qurashi.	4	1.ZU2.ZU3.Nottingham Trent University4.Sir Syed University of Engineering and Technology, Karachi5.Jubilee Healthcare Centre, Coventry, United Kingdom	Yes	W	No	Yes	Yes	Yes	No	-	ОК
33	Case of Splenic Infarction; A Rare Presentation of Complicated Enteric Fever in a Pediatric Patient	Gastroenter ology & Hepatology Internationa I Journal	2024	DR. FARHAN A ZAFAR (Card #80439)	1.DR. FARHANA ZAFAR.2.Mariam Zahid.3.Asghar Z .	2	1.Ziauddin University23	No	-	No	No	No	No	No	-	OK
34	Clinical Spectrum and Outcome of Dengue fever in children at tertiary care Hospital	Journal of Xi'an Shiyou University, Natural Science Edition	2024	DR. FARHAN A ZAFAR (Card #80439)	I.DR. FARHANA ZAFAR. 2.DR. RABEAYA MUZZAMIL. 3.DR. MOHAMMAD IQBAL.4.DR. Saadullah Siddiqui.5.Dr. Afreen Aijaz.6.Dr. Sadiqa Anwar.	3	1.Ziauddin University2.NH(DOCTORS)3.NH(OPD CONSULTANTS)456	No		No	No	No	No	No	1	-
35	ULTRASTRUCTURA L CHANGES IN NEURONS EXPOSED TO CHRONIC STRESS	Journal of Population Therapeutic s and Clinical Pharmacolo gy	2024	DR. GULRAIZ KARIM RIND (Card #81015)	I.Dr. GULRAIZ KARIM RIND 2. Aisha Sayyeda. 3. Dr Qurat ul ain Khan 4. Gulraiz Karım Rind Balech. 3. Dr Saria Sughra Asghar. 6. Farah Malik. 7. Dr Hira Naeem. 8. Dr Afsheen Mansoor.	3	L'Lauddin University. The University of Modern Sciences University of Modern Sciences Physiotherapy)3. Liaquat College of Medicine and Dentistry4. Ziauddin University, Karachi, Pakistan S.ir Syed College of Medical Sciences for Girls6. Baqai Medical University7. Shaheed Zulfiqar Ali Bhutto medical University, Islamabad8. Riphah International	-	-	-	-	-	-	-	,	-
36	Assessment of Anti- Inflammatory and Anti- Arthritic Potential of Ethanolic Extract of Solanum nigrum L. Leaves in CFA- Induced Arthritic Rat Model	Annals of Abbasi Shaheed Hospital & Karachi Medical & Dental College	2024	DR. HAROON UR RASHEE D (Card #81441)	I.DR. HAROON UR RASHEED 2.DR. KAUSER MOIN MIRCA 3.DR. MUHAMMAD OWAIS ISMAIL 4.DR. AKHTAR ALL 5.DR. REHAN IMAD 6.DR. JUNAID ANWAR.	1	1 Ziauddin University2 ZU(PHARMACOLOGY)3 ZU(PHARMACOLOGY)4 ZU(PHARMACOLOGY)5 ZU(COLLEGE OF MOLECULAR MEDICINE)6 ZU(PATHOLOGY)	-	-	-	-	-	-	-	-	-
37	Implications of CLEC3B as a Prognostic Marker in Oral Squamous Cell Carcinoma	Annals of Abbasi Shaheed Hospital & Karachi Medical & Dental College	2024	DR. HAROON UR RASHEE D (Card #81441)	I.DR. HAROON UR RASHEED 2.DR. SYEDA ZEHRA AHMAD 3.DR. FOUZIA.4 DR. SHUMAILA USMAN.5.DR. AKHTAR ALI.6.Dr. Asma Akram.	5	1. Ziauddin University2. ZU(PATHOLOGY)3. ZU(PATHOLOGY)4. ZU(COLLEGE OF MOLECULAR MEDICINE)5. ZU(PHARMACOLOGY)6. Lahore Medical and Dental College (Physiology)	-	-	-	-	-	-	-	-	-
38	Prognostic role of serum procalcitonin in neonatal sepsis at a tertiary care hospital.	Interational Journal of Pathology	2024	DR. HEENA RAIS (Card #81097)	1.DR. HEENA RAIS.2.Payal Bai.3.Sagar.4.DR HAFIZA AZRA MARYAM.	2	1.Ziauddin University2.ZU3. Shaheed Mohtarma Benazir Bhutto Medical University, Larkan4.KH(DOCTORS PEADS)	Yes	Y	Yes	No	No	No	Yes	1	OK
39	Comparison of doses of Nebulized Magnesium sulphate as an adjuvant treatment with salbutamol in children with Status Asthmaticus	Pakistan Journal of Medical Sciences	2024	DR. HEENA RAIS (Card #81097)	1.DR. HEENA RAIS.2 Rabia Asif.3.Prinka Bai.4.DR. RAMSHA AZIZ.	2	1.Ziauddin University2.ZU3.ZU4.NH(P.G (PEADS))	Yes	-	Yes	Yes	Yes	Yes	Yes	-	OK
40	Carvacrol Silver Nanoparticles - An Effective Antibacterial Against Carbapenem- Resistant Acinetobacter Isolates Unaided and With Meropenem	Pakistan Journal of Medicine and Dentistry	2024	DR. KAUSER MOIN MIRZA (Card #81140)	I.DR. KAUSER MOIN MIRZA 2 DR. SOHA HAQUE 3 DR. AMBRINA KHATOON 4 DR. ZAHIDA MEMON 5 DR. FAISAL IQBAL AFRIDI 6 Zara aslam 7.Raza Shah .	3	1Z.auddin University2.ZU(PHARMACOLOGY) 3.ZU(COLLEGE OF MOLECULAR MEDICINE) 4.ZU(PHARMACOLOGY) 5.NH(LABG.H.E.) Research Institute of Chemistry, International Centre for Chemical and Biological Sciences, University of Karachi, Karachi'l H.E. J Research Institute of Chemistry, International Centre for Chamical and Biological	Yes	Y	Yes	No	No	No	Yes	-	OK
41	Assessment of Anti- Inflammatory and Anti- Arthritic Potential of Ethanolic Extract of Solanum nigrum L. Leaves in CFA- Induced Arthritic Rat Model	Annals of Abbasi Shaheed Hospital & Karachi Medical & Dental College	2024	DR. KAUSER MOIN MIRZA (Card #81140)	JUNAID ANWAR.	2	Tziauddin Universityz ZU(PHARMACOLOGY)3 ZU(PHARMACOLOGY)4 ZU(PHARMACOLOGY)5 ZU(PHARMACOLOGY)5 ZU(COLLEGE OF MOLECULAR MEDICINE)6 ZU(PATHOLOGY)	Yes	-	Yes	Yes	Yes			-	OK
42	Retinal Nerve Fiber Layer Thickness (RNFLT) in Myopic & Hypermetropic Eyes in a Subset of Pakistani Population	Interational Journal of Pathology	2024	DR. MUBINA SOHAIL (Card #80680)	1.DR. MUBINA SOHAIL.	3	1.Ziauddin University	Yes	Y	Yes	Yes	Yes	Yes	Yes	-	OK
43	Benzodiazepines: Predominant Reported Acute Poisoning to Private Sector Tertiary Care Hospitals in Karachi	Pakistan Journal of Medicine and Dentistry	2024	DR. MUHAM MAD IKRAM ALI (Card #81459)	SYED HASAN DANISH.5.Dr. Abdullah Ashraf.	2	1.Ziauddin University2.ZU(FORENSIC MEDICINE)3.JMDC4.ZU(COMMUNITY HEALTH SCIENCES)5.Jinnah	Yes	у	Yes	No	No	No	Yes	-	ОК

Γ	Τ,	Clinical			DR	1.DR. NAJIA TABASSUM.2.Sadia Mohammad.3.PROF. DR. TALAT											
4	4 Le	Characteristics and Cytogenetics of Childhood Acute Lymphoblastic eukemia in a Single Center in Pakistan	Global Pediatric Health	2024	NAJIA TABASSU M (Card #80772)	MIRZA.4.Zainab But.5.Neelum Mansoor.	1	1.Ziauddin University2.Indus Hospital3.ZU(RESEARCH)4.Indus Hosptal5.Indus Hosptal	Yes	х	No	Yes	Yes	No	No	-	OK
4	in	redicting Intubation COVID-19 Patients by the ROX Index Method	Eurasian Journal of Emergency Medicine	2024	DR. NAJIA TABASSU M (Card #80772)	1.Dr Sobia Hassan.2.DR. FARAZ AHMED BAIG.3.DR. NAJIA TABASSUM.	1	Altamash Dental College2.ZU(PATHOLOGY)3.Ziauddin University	Yes	Yes	No	No	Yes	Yes	No	-	ОК
4	5 <u>y</u>	Radiographic Assessment of eriodontal Ligament and Root Pulp Visibility in Lower Third Molars as a Tool for Chronological Age Estimation	Interational Journal of Pathology	2024	DR. QUDSIA HASSAN (Card #80156)	I.DR. QUDSIA HASSAN.2.Dr. Mahwish Sami.3.DR. SARWAT MEMON.4.DR.FIZZA SAHER.	4	1.Ziauddin University2.Ziauddin College of Dentistry,3.ZU(ORTHODONTICS)4.ZU(ORAL BIOLOGY)	-	-	-	-	-	-	-	-	-
4	7 lig	Radiographic association of chronological age used on the root pulp and periodontal igament visibility in lower second molar eth in a subset of the akistani population	Interational Journal of Pathology	2024	DR. QUDSIA HASSAN (Card #80156)	LDR. QUIDSIA HASSAN 2 DR. MAHWISH SAEED 3 DR. SARWAT MEMON 4.DR. FIZZA SAHER.	4	1.Ziauddin University2.CH(PEDIATRICS)3.ZU(ORTHODONTICS)4.ZU(ORAL BIOLOGY)	-	-	-	-	-	-	-	-	-
4	Pro Pri	Benzodiazepines: redominant Reported Acute Poisoning to ivate Sector Tertiary Care Hospitals in Karachi	Interational Journal of Pathology	2024	DR. QUDSIA HASSAN (Card #80156)	L.DR. QUDSIA HASSAN 2.DR. MUHAMMAD IKRAM ALL3.AZRA ANWAR 4.DR. SYED HASAN DANISH.5.ABDULLAH ASHRAF.	1	1.Ziauddin University2.ZU(FORENSIC MEDICINE)3.JDMC4.ZU(COMMUNITY HEALTH SCIENCES)5.AIMC	Yes	-	Yes	No	No	No	No	-	OK
4	im o	nage-based multiplex mmune profiling of cancer tissues: translational uplications. A report of the International Immuno-oncology Biomarker Working Group on Breast Cancer	Journal of Pathology	2024	DR. SHAMIM MUSHTA Q (Card #80739)	LDR. SHAMIM MUSHTAQ.	1	1.Ziauddin University	Yes	W	Yes	Yes	Yes	Yes	Yes	-	OK
5	im o	nage-based multiplex mmune profiling of cancer tissues: translational nplications. A report of the International Immuno-oncology siomarker Working Group on Breast Cancer	Journal of Pathology	2024	DR. SHAMIM MUSHTA Q (Card #80739)	LDR. SHAMIM MUSHTAQ.		1.Ziauddin University	-		-	-	-	-	-		-
5	im 1 im 1 c	nage-based multiplex mmune profiling of cancer tissues: translational uplications. A report of the International Immuno-oncology Siomarker Working Group on Breast Cancer	Journal of Pathology	2024	DR. SHAMIM MUSHTA Q (Card #80739)	LDR. SHAMIM MUSHTAQ.	1	1.Ziauddin University	Yes	W	No	No	No	No	No	-	OK
5	ki w 2 azs	Correlation of serum isspeptin and leptin with non-obstructive coospermia: A cross- sectional study in a subset of Karachi population	Pakistan Journal of Medical Sciences	2024	DR. SHAMIM MUSHTA Q (Card #80739)	I.DR. SHAMIM MUSHTAQ 2.Dr Sofia Amjad.3.Adnan Muni.4.Rehana Rehman.	3	1.Ziauddin University2.ZU3.ZU4.ZU	Yes	Y	Yes	No	Yes	No	Yes	-	ОК
5	re ac	Therapeutic approaches for acid eduction in patients dmitted to intensive care units with a history of gastroesophageal reflux disease at a ertiary care hospital in Pakistan.	Journal of Population Therapeutic s and Clinical Pharmacolo gy	2024	DR.FASE EHA SOHAIL KHAN (Card #80801)	I.DR. DARA JAMALL2.DR. ARZU JADOON.3.DR. FASEEHA SOHAIL KHAN.	2	1.KH2.CH3.Ziauddin University	Yes	-	No	Yes	Yes	Yes	No	-	OK
5	1 PY 4 /	TREATMENT OF HELICOBACTER YLORI INFECTION AND IMPACT OF TS ERADICATION N PEPTIC ULCER DISEASE"	Journal of Population Therapeutic s & Clinical Pharmacolo gy	2024	DR.FASE EHA SOHAIL KHAN (Card #80801)	I.DR. ARZU JADOON 2.DR. DARA JAMALI 3.DR. Kainat Rashid 4.DR. FAISAL ZIAUDDIN 5.DR. FASEEHA SOHAIL KHAN.	2	1.CH2.KH34.ZU5.Ziauddin University	Yes	х	No	Yes	Yes	Yes	No	-	ОК
5	5	CLINICAL AND HISTOLOGICAL FEATURES OF RELAPSED PATIENTS OF ULCERATIVE COLITIS	Journal of Population Therapeutic s and Clinical Pharmacolo gy	2024	DR.IMTIA Z BEGUM (Card #80199)	BEGUM.6.Muhammad Kamran.	2	1.NH2.NH3.ZU4.NH5.Ziauddin University6	Yes	х	No	Yes	No	Yes	No	-	ОК
5	6 Se fo Ge	Comparison of Efficacies of ofosbuvir/Daclatasvir with ofosbuvir/Ribavirin or Hepatitis C Virus enotype 3 Treatment in a Tertiary Care Center in Karachi	Interational Journal of Pathology	2024	DR.IMTIA Z BEGUM (Card #80199)	I.DR.IMTIAZ BEGUM 2. Sohail Hussain 3. Qamrul Arfin 4. Nafees Faiza 5. Ruby Khan 6. Jamil Muqtadir .	3	1.Ziauddin University2.ZU3.ZU4.ZU5.ZU6.Z U	Yes	x	No	No	No	No	No	-	OK
5	' l	Sturge-Weber syndrome with nassive macroglossia and anterior neck pace infection-a case report	Journal of Pakistan Medical Association	2024	DR.UZM A GHORI (Card #80216)	1.DR.UZMA GHORI.	3	1.Ziauddin University	No		Yes	No	No	Yes	Yes	-	ОК

58	MULTIPLE ETIOLOGIES OF TEMPOROMANDIB ULAR JOINT DISORDERS – A REVIEW	Pakistan Journal of Medicine and Dentistry	2024	Farah Azhar	Farah Azhar Aliya Sani Saeeda Baig	1	Ziauddin University	YES	Y	-	-	-	YES	-	-	OK
59	Leaking Lymphatics to Resolution: Article On Conservative Management of Low- output Chylous Fistulae	Pakistan Journal of otolaryngol ogy	2024	FARAH HAFIZ (Card #82253)	I FARAH HAFIZ 2.ALI AKBER 3.DR SOUBIA AKHTAR 4.DR. SYED HAIDER ABBAS.5.DR. YUMNA AFZAL 6.PROF. MUBASHER IKRAM.	5	1.Ziauddin University2.ZU(OTOLARYNGOLOGY)3.ZU4.ZU5.ZU6.ZU	No		Yes	No	No	Yes	Yes	-	ОК
600	EXPLORING THE ASSOCIATION OF ABO BLOOD GROUP WITH THE SEVERITY OF COVID-19: A SYSTEMATIC REVIEW AND META ANALYSIS	Journal of Population Therapeutic s and Clinical Pharmacolo	2024	FARIHA ANUM (Card #82067)	1.FARIHA ANUM.2.Lareb Asad.3.Marium Aftab.4.PROF. DR. TALAT MIRZA.5.DR. AMBRINA KHATOON 6.Salar Mehfooz.	2	1.Ziauddin University2.Ziauddin University, Karachi,3 Ziauddin University, Karachi,4 Zi University, Karachi,4 ZU RESEARCH)5.ZU(COLLEGE OF MOLECULAR MEDICINE)6.NUST Islamabad	-	-	-	,	-	-	•	-	-
61	The effect of Curcuma longa on respiratory tract isolates: A potential natural therapeutic agent.	Pakistan journal of Medicine and Dentistry	2024	Fariha Ibrahim	Humera Rashid Fariha Ibrahim Mehwish Faiz Qamarun Nisa Naz Asma Ansari Faria Fatima	2	Ziauddin University (FESTM), Department of Biomedical Engineering, Karachi.	YES	Y	YES	-	-	-	YES	-	OK
62	Solitary Skull Langerhans Cell Histiocytosis Presenting With a Pus Draining Fistula: An Unusual Presentation and Review of Literature	Brain Tumor Research Treatment	2024	Hafiza Fatima Aziz	I. Hafiza Hifza Bashir 2.Hafiza Fatima Aziz 3.Faizan Saced 4.Muhammad Ehsan Bari 5.Nasir Uddin	2	Agha Khan University Hospital	-	-	-	-	-	-	-	-	
63	Intraoperative mapping and preservation of executive functions in awake craniotomy: a systematic review	Neurologica 1 Sciences	2024	Hafiza Fatima Aziz	l.Rabeet Tariq, 2.Hafiza Fatima Aziz, 3.Shahier Paracha, 4.Noman Ahmed, 5.Muhammad Waqas Saeed Baqai, 6.Saqib Kamran Bakhshi, 7.Annabel McAtee, 8.Timothy J. Ainger, 9.Farhan A. Mitza 10. Syed Ather Enam	2	Agha Khan University Hospital	YES	Y	-	YES	YES	-	•	3.3	OK
64	Does gender disparity exist in neurosurgery training? Evidence from a nationwide survey from Pakistan	Medical Education Online	2024	Hafiza Fatima Aziz	1.Muhammad Atif Irshad, 3.Ahmed Atif Irshad, 4.Shamila Ladakh, 5.Haffiza Fatima Aziz 6.Syed Ather Enam	5	Agha Khan University Hospital	YES	W	-	YES	YES	YES	-	-	OK
65	Photodynamic Therapy In Adult Intra-Axial Brain Tumours	Journal of the Pakistan Medical Association	2024	Hafiza Fatima Aziz	1.Zanib Javed 2.Hafiza Fatima Aziz 3.Muhammad Shahzad Shamim	2	Agha Khan University Hospital	YES	х	YES	Yes	YES	YES	YES	0.9	OK
66	Prognostic Value of BRAF Mutation in Glioblastoma	Journal of the Pakistan Medical Association	2024	Hafiza Fatima Aziz	1.Ayesha Sohail 2.Qurat-Ul-Ain Virani 3.Haftza Fatima Aziz 4.Muhammad Shahzad Shamim	3	Agha Khan University Hospital	YES	Х	YES	YES	YES	YES	YES	0.9	OK
67	Comparison of retinal nerve fiber layer thickness between malnourished and healthy children using spectral domain optical coherence tomography.	The Professiona I Medical Journal	2024	Hina Rajani	I.Hina Rajani 2. Misbah Anjum	1	National Institute of Child Health Karachi, Pakistan.	yes	Y	Yes	-	-	-	-	-	OK
68	Frequency of hospital acquired malnutrition at a tertiary care pediatric hospital.	The Professiona I Medical Journal	2024	Hina Rajani	1.Hina Rajani 2. Misbah Anjum	1	National Institute of Child Health, Karachi, Pakistan	yes	Y	Yes	-	-	-	-	-	OK
69	Assissment of miRNA- 182 nad miRNA-133 As Non_Invasive predictors of breast cancer in pakistan	Journal of population therapeutics and clinical pharmacolo gy	2024	Humaira Ansari	1. Pardeep Kumar 2. Riaz Gul 3. Amber Shami 4. Humaira Ansari 5. Maliha Yaseen 6. Sadia Arif	4	Ziauddin University.	Yes	х	-	Yes	-	Yes	-	-	OK
70	COMPARISON OF CARDIORESPIRATO RY ENDURANCE AMONG DIABETIC AND NON DIABETIC MALE PATIENTS	Journal of population therapeutics and clinical pharmacolo gy	2024	Humaira Ansari	1. Dr Pinky 2. Dr Shamshad Zahra 3. Humaira Ansari 4. Dr Shumail Gul 5. Dr Zareen Naz 6. Dr Amna Afzaal	3	Ziauddin University.	Yes	х	-	Yes	-	Yes	-	-	OK
71	Plasma Prolidase activity and its relationship with cyst number in polycystic ovary syndrome	Pakistan Journal of Physiology	2024	Humaira Ansari	1. Murk Fatima 2. Sofia Amjad 3. Mehreen Inam Illahi 4. Tousif Ahmed 5. Humaira Ausari 6. Rehana Rehman	5	Ziauddin University.	Yes	Y	Yes	-	-	Yes	Yes	-	OK
72	Assessment of anti- inflammatory and anti- arthritic potential of ethanolic extract of Solanum nigrum L. leaves in CFA-induced arthritic rat model	Annals of Abbasi Shaheed Hospital and Karachi Medical and Dental College Annals ASH & KMDC	2024	Junaid Anwar	Haroon Rasheed Kauser Ismail Owasi Ismail Akhtar Ali Rehan Imad Junaid Anwar	6	Ziauddin University	YES	Y	YES	-	YES	YES	YES	-	ОК

73	Assessment of anti- inflammatory and anti- arthritic potential of ethanolic extract of Solanum nigrum L. leaves in CFA-induced arthritic rat model	Annals of Abbasi Shaheed Hospital and Karachi Medical and Dental College Annals ASH & KMDC	2024	Kauser Moin	Haroon Rasheed Kauser Ismail Owais Ismail Akhtar Ali Rehan Imad Junaid Anwar	2	Ziauddin University	YES	Y	YES	-	YES	YES	YES	-	OK
74	Carvacrol Silver Nanoparticles - An Effective Antibacterial Against Carbapenem- Resistant Acinetobacter Isolates Unaided and With Meropenem	Pakistan Journal of Medicine and Dentistry Pak J Med Dent.	2024	Kauser Moin	Soha Haque Ambrina Khatoon Kauser Ismail Zahida Memon Faisal Iqbal Afridi Zara Aslam Raza Shah	3	Ziauddin University	YES	Y	YES	-	-	YES	YES	-	ОК
75	Frequency of branching pattern variation of the renal artery in a subset of Karachi population: A Study on Multi- Detector Computed Tomography	Journal of Rawalpindi Medical College	2024	Mubina Lakhani	Marin Mohiuddin Rosheena Nabeel Khan Syeda Bushra Ahmed Mubina Lakhani Amatul Sughra Nuzhat Hassan	4	Ziauddin University	YES	Y	YES	YES	-	-	-	-	ОК
76	Retinal Nerve Fiber Layer Thickness (RNFLT) in Myopic & Hypermetropic Eyes in a Subset of Pakistani Population		2024	Mubina Lakhani	Sahrish Mukhtar Nuzhat Hassan Mubina Lakhani Urooj Fatima Sadaf Shaheen Iffat Raza	3	Ziauddin University	YES	Y	-	YES	-	-	-	-	ОК
77	Randomized Double Blind Comparison of Prophylactic Tramadol and Tramadol Plus Ketamine for Prevention of Shivering after Spinal Anesthesia in Lower Segment Caesarian Section	Journal of the Dow University of Health Sciences	2024	Muhamma d Arif	1. Muhammad Arif 2. Zeeshan Mirzan 3. Haider Abbas Mandviwala 4. Sajid Saif, Rabeea Khan 5. Muhammad Hassam	1	Ziauddin University	Yes	Y	-	Yes	-	-	Yes	-	ок
78	Comparison of NEWS2 and PSI as mortality predictors in patients with community acquired pneumonia	Journal of the Pakistan Medical Association (JPMA)	2024	Nadia Jawad	Neelam Kumari Neusheen Saifullah Saira Jaffi Aziz Ahmed Nadia Jawad Nasem Ahmed	5	Jinnah Postgraduate Medical Centre	YES	х		YES	YES	YES	YES	N/A	ок
79	Physical Activity and Academic- Achievement of	Journal of Shalamar Medical & Dental College	2024	Naila Baig	Natla Baig Mirza Altamish Muhammad Baig Khubaib Muhammad Shamim Meah	1	Ziauddin University	Yes	Y	Yes	-	-	-	Yes	-	OK
80	Correlation of Assessment Scores and Performance of Students from Admission to Graduation at Liaquat College of Medicine and Dentistry	Journal of University Medical & Dental College	2024	Naila Baig	1. Faiza Siddiqui 2. Naila Baig 3. Zeelaf Shahid 4. Hanan Furqan Siddiqui 5. Mohd Subhan Ali Siddiqui	2	Ziauddin University	Yes	Y	Yes	yes	-	-	Yes	-	ОК
81	THE IMPACT OF OBESITY ON COVID 19 SEVERITY: A CROSS-SECTIONAL STUDY AT SUB POPULATION OF KARACHI.	Journal of Peoples University of Medical & Health Sciences Nawabshah (JPUMHS)	2024	Naveera Raza	1. Santosh Kumar Sidhwani 2. Urfa Kayani 3. Lareb Asad 4. Ashok Kumar 5. Ambrina Khatoon 6. Naveera Raza 7. Talat Mirza	6	Ziauddin University	-	-	YES	-	-	-	-	-	ОК
82	Moderate Intensity Continuous Exercise- A Preclinical Trial.	ANNALS OF ABBAS! SHAHEED HOSPITAL AND KARACHI MEDICAL & DENTAL COLLEGE	2024	Nudrat Nawaid	Fatima Hamza Syed Nudrat Nawaid Shah Aman Aamir khan Sumaira Imran Farooqui Kevin Joseph Jerome Borges	2	Ziauddin University	YES	Y	YES	-	YES	YES	-	-	ок
83	Effects of endurance resistance exercise on knee joint cartilages in youngmale rats—a randomized controlled trial.	The European Journal of Anatomy (EJA)	2024	Nudrat Nawaid	1. Kiran Yameen 2. Kevin J.J. Borges 3. Sumaira I. Farooqui 4. Jaza Rizvi 5. Anna A.Khan 6. Syed N.N. Shah	6	Ziauddin University	-	-	-	-	YES	-	-	0.3	ок
84	Effects of Aerobic Exercise on Vascular Wall Thickness: A Meta-Analysis of Pre- Clinical Trials on Rat Model.	Journal of the College of Physicians and Surgeons Pakistan: JCPSP	2024	Nudrat Nawaid	Fatima Hamza Syed Nudrat Nawaid Shah Amna Aamir Khan Sumaira Imran Farooqui Kevin Joseph Jerome Borges	2	Ziauddin University	YES	Х	YES	YES	YES	YES	YES	0.7	ок
85	Augmented histological adaptations in central veins as compared to the artery; potentially valuable effectf moderate-intensity continuous training for rehabilitation protocols.	Rawal Medical Journal	2024	Nudrat Nawaid	Fatima Hamza Syed Nudrat Nawaid Shah Amna Aamir Khan Sumaira Imran Farooqui Kevin Joseph Jerome Borges	2	Ziauddin University	YES	Y	YES	YES	YES	-	YES	0.4	ОК

					Namirah Iftikhar											
86	Sturge-Weber syndrome with massive macroglossia and anterior neck space infection- a case report and review of literature	JPMA. The Journal of the Pakistan Medical Association	2024	Osama Khalid	2. Osama Khalid 3. Uzma Ghori	2	Dr. Ziauddin Hospital	Yes	x	Yes	Yes	Yes	Yes	Yes	1.002	Case Report
87	The pertinence of resistin gene single nucleotide polymorphism G > A and its expression in oral cancer	Gene	2024	Rizma Khan	Kiran Arif Fouzia Shaikh Rizma Khan Faraz Ahmed Baig Talat Mirza	3	Ziauddin University	Yes	W	-	-	Yes	-	-	2.6	Ok
88	Artificial intelligence- powered optimization of KI-67 assessment in breast cancer: enhancing precision and workflow efficiency, a literature review	Journal of the Pakistan Medical Association	2024	Saba Anjum	Mehwish Mooghal Saba Anjum Wajiha Khan Hassan Tariq Amna Babar Lubna Mushtaq Vohra	2	Aga Khan University Hospital	YES	х	YES	YES	YES	YES	YES	0.9	Review Article
89	Thyroid hemiagenesis with compensatory hypertrophy of the remaining lobe: A case report	Journal of the Pakistan Medical Association	2024	Saba Anjum	Ambreen Abdullah Unar Shabbir Akhtar Shayan Khalid Ghaloo Muhammad Ozair Awan Saba Anium	5	Aga Khan University Hospital	YES	х	YES	YES	YES	YES	YES	0.9	Case Report
90	A two generational reproductive study to assess the effects of Juglans regia on reproductive developments of male andfemale rats.	BRAZILIA N JOURNAL OF BIOLOGY	2024	Saba Majeed	S. Suri, S. S. Khan, S. Naeem, Saba. Majeed, N. Sultana, S. Khadim, R. A. Khan	4	Ziauddin University	YES	х	-	YES	-	-	-	YES	OK
91	Fertility-enhancing effects of Prunus amygdalas oil on reproductive functions of male rats: A two- generation study	Avicenna Journal of Phytomedic ine	2024	Sadia Kashif	1. Sadia Suri Kashif 2. Sadaf Nacem 3. Saira Saeed Khan 4. Aisha Razzaque	1	University of Karachi, Karachi, Pakistan	Yes	х	-	Yes	Yes	-	Yes	-	ОК
92	The beneficial effect of Allium Cepa bulb extract on reproduction of rats; A twogeneration study on fecundity and sex hormones	Plos one	2024	Sadia Kashif	1. Sadia Suri Kashif 2. Saira Saeed Khan 3. Sadaf Naeem 4. Zeb Un Nisa 5. Nausheen Alam 6. Saba Majeed 7. Suresh Kumar	1	Faculty of Pharmacy, Ziauddin University, Karachi, Pakistan.	Yes	W	-	Yes	Yes	Yes	-	2.9	ок
93	Shark fish oil prevents scopolamine-induced memory impairment in an experimental model	Metabolic Brain Disease	2024	Sadia Kashif	Sadaf Nacem Liaquat Ali Nazish Jaffar Saira Saeed Khan Youra Shafiq Cadia Suri Anosh Tahir	6	Faculty of Pharmacy, Ziauddin University, Karachi, Pakistan.	Yes	Х	-	Yes	Yes	Yes		3.2	ок
94	CLINICAL AND HISTOLOGICAL FEATURES OF RELAPSED PATIENTS OF ULCERATIVE COLITIS	Journal of Population Therapeutic s & Clinical Pharmacolo gy	2024	Sohail Hussain	1. Sohail Hussain 2. Imtiaz Begum 3. Syed Ali Razz 4. Faiza Nafees Khan 5. Tauseef Ahmad 6. Muhammad Kamran	1	Ziauddin University	Yes	х	-	Yes	Yes	-	-	N/A	OK
95	Exploring the Synergistic Effects of Concurrent Exercise for Managing Type-II Diabetes Mellitus: A Meta-Analysis	Journal of the College of Physicians and Surgeons Pakistan	2024	Touseef Ahmed	Uroosa Amin Qurat-Ul-Ain Adnan Tauser Ahmad Sumaira Imran Farooqui	3	Ziauddin University	Yes	Х	Yes	Yes	Yes	Yes	Yes	0.7	ОК
96	CLINICAL AND HISTOLOGICAL FEATURES OF RELAPSED PATIENTS OF ULCERATIVE COLITIS	Journal of Population Therapeutic s & Clinical Pharmacolo gy	2024	Touseef Ahmed	Dr Sohail Hussain Dr. Imtiaz Begum Dr. Syed Ali Raza Dr Faiza Nafees Khan Dr Tauseef Ahmad Dr Muhammad Kamran	5	Ziauddin University	Yes	х	Yes	Journal discontinued in 2022	-	-	-	-	OK
97	Effects of concurrent training on glycemic and vascular parameters among patients with T2DM associated Peripheral Artery Disease	Pakistan Journal of Medical Sciences	2024	Touseef Ahmed	Uroosa Amin Qurat-ul-Ain Adnan Tauseef Ahmad	3	Ziauddin University	Yes	х	Yes	Yes	Yes	-	Yes	1.2	OK
98	CLINICAL EFFECTIVENESS OF INSULIN GLARGINE & ASPART VERSUS NPH & REGULAR INSULIN RÉGIME IN TYPE I DIABETIC PATIENTS OF PAKISTAN	Journal of Population Therapeutic s & Clinical Pharmacolo gy		Touseef Ahmed	Zahid Shebzad Siddiqui Saba Majaed Shagufta Sikander Tausecf Ahmed Sadia Kashif Asha Aziz Syed Ali Jasim Rizvi Hiba Kanwal Majeed	4	Ziauddin University	Yes	х	Yes	Journal discontinued in 2022	-	-	-	-	OK
99	CLINICAL EFFECTIVENESS OF INSULIN GLARGINE & ASPART VERSUS NPH & REGULAR INSULIN RÉGIME IN TYPE I DIABETIC PATIENTS OF PAKISTAN	Journal of Population Therapeutic s & Clinical Pharmacolo gy	2024	Touseef Ahmed	Dr. Zahid Shehzad Siddiqui Saba Majeed Shagufta Sikander Tauseef Ahmed Sadia Kashif Axisha Aziz Syed Ali Jasim Rizvi Hiba Kanwal Majeed	4	Ziauddin University	Yes	х	-	Journal discontinued in 2023	-	-	-	-	OK
##	Rejuvenating Mobility: Impact of Concurrent Exercise on Functional Claudication Distance and Vascular Health among Patients with T2DM- Associated PAD	Allied Medical Research Journal	2024	Touseef Ahmed	Uroosa Amin Qurat-ul-ain Adnan Dr. Tauscef Ahmad	3	Ziauddin University	Yes	Y	-	-	,	-	,	-	OK

##		BioSight Journal	2024 Tab	Urfa 2. bassum 4. 5.	JUrfa Tabassum Kayani Santosh Kumar Sidhwani Nida Hussain Ambrina Khatoon Ashok Kumar Talat Mirza	1	Ziauddin University	1	1	-	-	-	-	1	1	
	THE IMPACT OF OBESITY ON COVID-U 19 SEVERITY: A OF CROSS-SECTIONAL & STUDY AT SUB POPULATION OF KARACHI	fournal of Peoples Jniversity if Medical & Health Sciences awabshah		2. 3. 4. Urfa bassum 6.	Santosh Kumar Sidhwani Urfa Kayami Lareb Asad Ashok Kumar Ambrina Khatoon Naveera Raza Talat Mirza	2	Ziauddin University	,	-	YES	-	-	-	-	,	OK

RESEARCH EXCELLENCE

- 1. ISARIC Project Management Funded by University of Oxford Funding Amount £142,319 (won by Dr. Madiha Hashmi)
- 2. Clinical Research During Outbreaks Funded by University of Oxford Funding Amount £112,633 (won by Dr. Madiha Hashmi)
- 3. Maturity Metrics Funded by University of Oxford Funding Amount £19,553 (won by Dr. Madiha Hashmi)
- 4. Technical Development and Country Pilot for the WHO Framework Funded by University of Oxford Funding Amount £7,792 (won by Dr. Madiha Hashmi)
- 5. WHO Maturity Framework APW for Clinical Trials Units Funded by University of Oxford Funding Amount £3,564 (won by Dr. Madiha Hashmi)
- 6. BILL & MELINDA GATES FOUNDATION GRANT Funding Amount \$153,124 (won by Dr. Madiha Hashmi)
- 7. REMAP-CAP Acquired Pneumonia Project Funded by Monash University Funding Amount 11,675 AUD (won by Dr. Madiha Hashmi)
- 8. ACORN-HAI Variation Project Funded by National University of Singapore Funding Amount \$7,315 (won by Prof. Dr. Osama Rehman Khalid)
- 9. GENOMICC Variation Project Funded by University of Edinburgh Funding Amount £43,297.50 (won by Dr. Madiha Hashmi)

US RESIDENCY MATCH 2024 ZIAUDDIN MEDICAL COLLEGE GRADUATES

In the March 2024 residency match, graduates from Ziauddin Medical College achieved notable success, securing positions across diverse specialties. A total of 35 alumni matched into various programs, primarily in Internal Medicine, Family Medicine, Pediatrics, Neurology, and Obstetrics-Gynecology.

Key highlights include Dr. Neha Kamran and Dr Abira Choudhry, who secured prestigious placements in Child Neurology and Obstetrics-Gynecology, respectively, showcasing their exceptional capabilities among non US IMGs. Graduates matched into renowned institutions such as the University of Pennsylvania, Cleveland Clinic, and Texas Tech University.

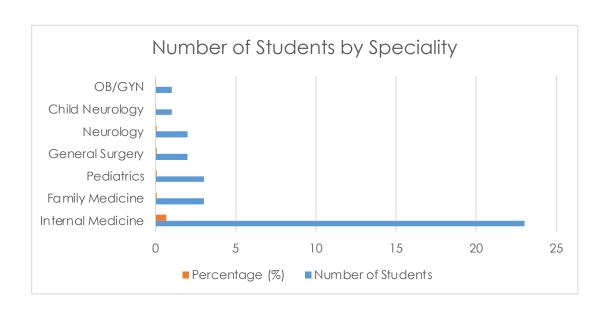
Placements were geographically widespread, including Pennsylvania, Texas, Michigan, and New Jersey. The matches encompassed a mix of visa categories, with many on J1 and H1, reflecting the competitiveness and diverse backgrounds of the candidates.

This success underscores the excellence and global competitiveness of Ziauddin Medical College's graduates.



				ZIAUDDIN UNIVERSITY				
		v		RESIDENCY MATCH PROGRA	M 2024			
S.No.	Name	YOG	Specialty Matched In	Residency Training Program	Loca	ation	Type of Position	Visa Status
					State	City		
1	Rabail Saeed Shaikh	2022	Internal Medicine	South Georgia Medical Center	Georgia	Valdosta	Categorical	Greencard
2	Syeda Farheen Zaidi	2019	Internal Medicine	University of Pittsburgh Medical Center	Pennsylvania	Pittsburgh	Categorical	H1
3	Maryam Shaikh	2021	Family Medicine	Saint Joseph Health System	Indiana	Mishawaka	Categorical	J1
4	Omar Shoaib Muhamma	2021	Internal Medicine	Louisiana State University	Louisiana	Shreveport	Categorical	J1
5	Preet Roshan Shaikh	2022	Internal Medicine	The Wright Center	Pennsylvania	Scranton	Categorical	J1
6	Abdul Rafay	2015	Pediatrics	Ascension St. John's Children Hospital	Michigan	Detroit	Categorical	J1
7	Anjuli Devi	2021	Internal Medicine	Northeast Georgia medical Center	Georgia	Gainesville	Categorical	J1
8	Khizr Shahid Shamim	2019	Family Medicine	Mercy Hospital	Illinois	Suburban/Rural	Categorical	H1
9	Amna Zubia Syeda	2020	General Surgery	University of Pennsylvania	Pennsylvania	Philadelphia	Preliminary	J2 EAD
10	Ayesha Altaf	2019	Internal Medicine	Louisiana State University	Louisiana	Shreveport	Categorical	Citizen
11	Neha Kamran	2021	Child Neurology	University of Texas Southwestern Medical Center	Texas	Dallas	Categorical	J1
12	Abira afzal choudhry	2021	OBGYN	Hurley Medical Center /Michigan State University	Michigan	Flint	Categorical	J1
13	Noor Imran Khan	2018	Neurology	Michigan State University - Corewell Health	Michigan	Grand Rapids	Categorical	J1
14	Aqdas Saman Hasnain	2020	Internal Medicine	Berkshire Medical Center	Massachusetts	Pittsfield	Categorical	Green card
15	Aqsa Zoey Akhai	2017	Internal Medicine	Saint Joseph's University Medical Center	New Jersey	Paterson	Categorical	Citizen
16	Alina Ishaque	2021	Internal Medicine	Garnet Health Medical Center	New York	Middletown	Categorical	EAD
17	Asiya Jatoi	2019	Internal Medicine	Morristown Medical Center	New Jersey	Morristown	Categorical	L2
18	Armeena Anis	2019	Internal Medicine	Trinity Health Ann Arbor	Michigan	Ann Arbor	Categorical	Green Card
19	Muhammad Salik	2021	Internal Medicine	Baptist Hospitals of Southeast Texas	Texas	Beaumont	Categorical	J1
20	Chandni Davi	2023	Internal Medicine	Texas Tech University Health Sciences Center (TTUHSC)	Texas	Amarillo	Categorical	J1
21	Sarah Abbas	2021	Neurology	Cleveland Clinic	Florida	Weston	Categorical	J1

S.No.	Name	YOG	Specialty Matched In	Residency Training Program	Loc	ation	Type of Position	Visa Status
22	Romana Awan	2011	Internal Medicine	Mercy Catholic Medical Center	Pennsylvania	Darby	Categorical	J1
23	Zaid Muhammad Aslam	2021	Internal Medicine	Texas Health Presbyterian Hospital	Texas	Plano	Categorical	J1
24	Misha Azeem	2018	Internal Medicine	Health education services/northwest	Arizona	Tucson	Categorical	J1
25	Rabel Gul Imtiaz	2019	Internal medicine	Louisiana State University	Louisiana	Shreveport	Categorical	J1
26	Muhammad Abdullah Niz	2022	Internal Medicine	Trinity Health Livonia	Michigan	Livonia	Categorical	Green Card
27	Abdul Salam Alvi	2022	Family Medicine	Indiana University	Indiana	Indianapolis	Categorical	J1
28	Hafsa Bhutto	2021	Internal Medicine	HCA Houston Healthcare	Texas	Houston	Categorical	J1
29	Sarah Raza	2016	Pediatrics	St. Joseph's University Medical Center	New Jersey	Paterson	Categorical	Green card
30	Dania Ali	2019	Pediatrics	Sparrow hospital/ Michigan State University	Michigan	Lansing	Categorical	J1
31	Masooma Naseem	2021	Internal Medicine	Louisiana State University	Louisiana	Shreveport	Categorical	J1
32	Zunaira Shah	2020	Internal Medicine	HCA Houston Healthcare	Texas	Houston	Categorical	Citizen
33	Vinsha Kumari	2021	General Surgery	Morristown Medical Center	New Jersey	Morristown	Preliminary	J1
34	Tuba Anwar Khan	2010	Internal Medicine	Mercy Catholic Medical Centre	Pennsylvania	Darby	Categorical	Greencard
35	Muhammad Sohaib Afrid	2021	Internal Medicine	Baptist hospitals of Southeast Texas	Texas	Beaumont	Categorical	J1





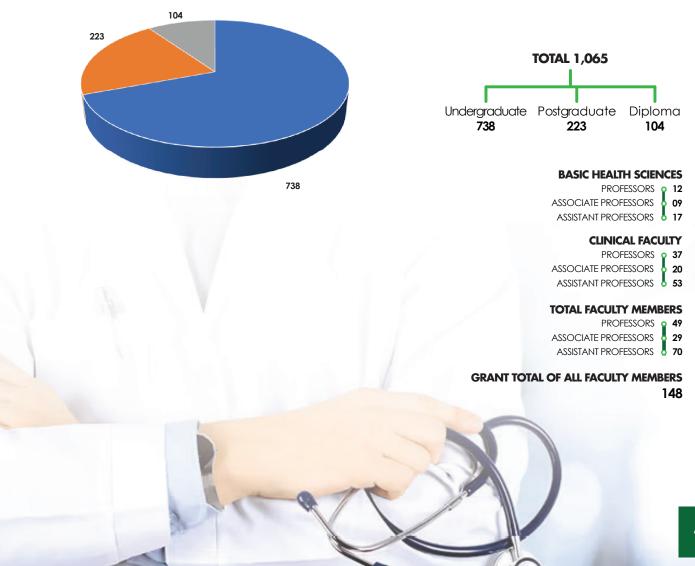
Dr. Neha Kamran, made history by securing a spot in the US Residency Match 2024 for Child Neurology. She's among the list of 18 distinguished Non-US IMG out of 177 positions filled.



Dr. Abira Chaudhry, also achieved a milestone by securing a spot in the USResidency Match 2024 for Obstetrics-Gynecology. She's among the list of 43 distinguished Non-US IMG out of 1533 positions filled to achieve this feat."

	Number of Positions	Number Filled	MD Senior	MD Grad	DO Senior	DO Grad	Others	U.S. IMG	Non-U.S. IMG	Number Unfilled
PGY- 1 Positions										
Anesthesiology	1,695	1,695	1,192	64	284	19	1	56	79	0
Child Neurology	184	177	133	0	22	0	1	3	18	7
Dermatology	30	30	24	0	5	0	0	0	1	0
Emergency Medicine	3,026	2,891	1,285	64	1,047	47	0	325	123	135
mergency Med-Anesthesiology	2	- 1	1	0	0	0	0	0	0	1
mergency Med-Family Med	7	7	4	0	3	0	0	0	0	0
amily Medicine	5,213	4,577	1,521	68	1,490	44	0	748	706	636
amily Med-Preventive Med	1	1	1	0	0	0	0	0	0	0
nternal Medicine (Categorical)	10,261	9,767	3,595	132	1,783	59	0	1,089	3,109	494
Medicine-Anesthesiology	1	1	1	0	0	0	0	0	0	0
Medicine-Dermatology	8	8	7	1	0	0	0	0	0	0
Medicine-Emergency Med	31	31	21	0	9	0	0	1	0	0
Medicine-Medical Genetics	2	2	1	0	0	0	0	0	1	0
Medicine-Pediatrics	390	390	339	0	30	1	0	7	13	0
Medicine-Preliminary (PGY-1 Onl	y) 1,640	1,507	1,175	16	121	3	0	60	132	133
Medicine-Preventive Med	6	6	2	0	1	0	0	0	3	0
Medicine-Primary	420	416	240	5	44	0	1	34	92	4
Medicine-Psychiatry	26	26	24	0	1	0	0	0	1	0
nterventional Radiology (Integrat	ed) 51	50	40	1	6	0	0	2	1	1
Neurodevelopmental Disabilities	6	6	3	0	2	0	0	0	1	0
leurological Surgery	241	241	204	13	3	1	0	4	16	0
Neurology	878	877	466	7	144	1	0	55	204	1
Obstetrics-Gynecology	1,539	1,533	1,103	33	291	10	0	53	43	6
DB/GYN-Preliminary (PGY-1 Only	y) 18	12	7	0	1	0	0	2	2	6
Orthopedic Surgery	916	915	726	53	117	11	0	6	2	1
Osteo Neuromusculoskeletal Med	1 24	8	0	0	6	2	0	0	0	16
Stolanonaologic	202	201	220		26	0	0	9	6	. 1

NUMBER OF STUDENTS ENROLLED PER PROGRAMME





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 have launched Virteasy Dental featuring a fully virtual hands-on patient for immersive training of students. Verteasy 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

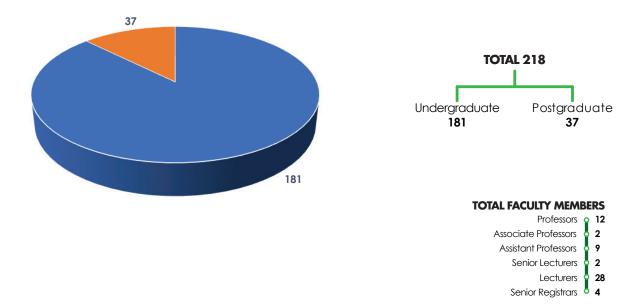
FACILITIES

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





COLLEGE OF PUBLIC HEALTH KARACHI AND SUKKUR CAMPUS

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. Our 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. We 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.

PRINCIPAL OF THE COLLEGE

Dr. Shahkamal Hashmi

College of Public Health, Ziauddin University

FACILITIES

Lecture Halls/Classrooms 3 Conference room 1

ACADEMIC ACTIVITIES

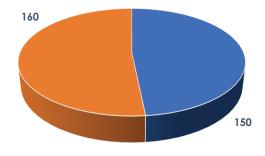
The College of Public Health, Ziauddin University (CoPH, ZU), in collaboration with the Fleming Fund Country Grant (FFCG) DAI Pakistan hosted AMR awareness-raising seminar as part of this global initiative. CoPH organised 10 guest lectures with experts and industry leaders.

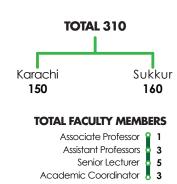
The College of Public Health has collaborated with Sindh Integrated Emergency & Health Services, Fleming Fund Country Grant (FFCG) DAI and DKT for academic excellence and expanding its network of resources. These strategic partnerships foster research exchanges, collaborations, and joint projects with renowned institutions.

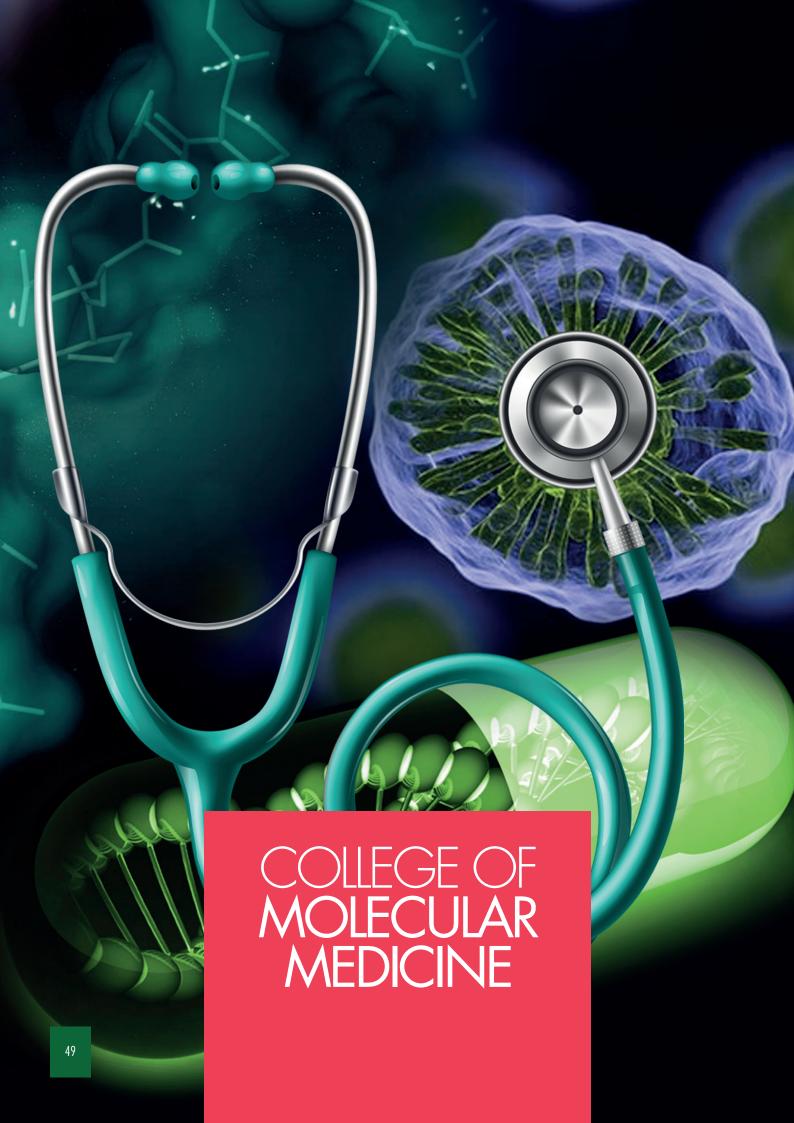
PUBLICATIONS

10 papers were published in the last academic year.

NUMBER OF STUDENTS ENROLLED







COLLEGE OF MOLECULAR MEDICINE (ZCMM)

ABOUT COLLEGE

Ziauddin College of Molecular Medicine (ZCMM) is a leading institution in Pakistan, advancing the understanding of diseases at the molecular and genetic levels with a strong focus on research. Offering BS, MPhil, and PhD programs, the college equips students to address pressing healthcare challenges through cutting-edge molecular insights.

The college aims to train young scientists in Pakistan. The curriculum covers a broad spectrum of fields, including Molecular Genetics, Pathophysiology, Molecular Oncology, Regenerative Medicine, and Bioinformatics, ensuring that students develop a comprehensive understanding of disease mechanisms at international standards.

ZCMM's state-of-the-art infrastructure and interdisciplinary approach enable groundbreaking research and foster collaborations between scientists and clinicians. By bridging fundamental discoveries and clinical applications, the college aims to enhance patient care and contribute to medical innovation globally. In an era of rapid scientific progress, ZCMM stands at the forefront of revolutionising healthcare through molecular biology, cementing its position as a leader in research and education.

PRINCIPAL OF THE COLLEGE

Prof. Dr. Talat Mirza

College of Molecular Medicne, Ziauddin University

RESEARCH ACTIVITIES:

The College of Molecular Medicine at Ziauddin University conducted 7 research projects, signed 2 MoUs (with PCMD and Musaji Adam & Sons), and organised 3 World Diabetes Day events in 2024. Collaborations include Dr. Zulfiqar Ali Bhutta (Toronto) and ICCBS researchers. Faculty participated in 2 conferences, publishing 3 abstracts and delivering 2 presentations. Additionally, 7 workshops were held on cell culture, histology, virtual dissection, DNA extraction, microbiology, and research methodology, showcasing the College's commitment to research, education, and innovation.

Grants

- Dr. Abdul Hameed. Roles of Hispidulin as Potent Insulin Secretagogue and its Mechanisms. Ref. No. 24006. Rs. 5 million. The Institute for Molecular and Cellular Regulation (IMCR), Japan.
- Dr. Rehan Imad. Identifying Potential Anticancer Mechanism of K21 in OSCC Cell Line by RNA-Seq. Rs. 1.5 million. Ref. ID. ID: 1CBE811A-817E-4324-8546-E13A2B2CAF8A. Fitebac Technologies, LLC.

Publications

- 1. Predisposing deleterious variants in the cancer-associated human kinases in the global populations. PONE-D-23-31273R1. Salman Ahmed Khan, Misbah Anwar, Moon R Roosan, Daniel C. Hoessli, Ambrina Khatoon, Muhammad Shakeel. 2024. EMID:6c7879749ce566e8.
- 2. Role of Alanine Transaminase and Transient Elastography in Categorising nonalcoholic Fatty Liver Disease Subgroups. Asma Shabbir, Zaigham Abbas, Ambrina Khatoon and Talat Mirza. 2024. Journal of the 22 College of Physicians and Surgeons Pakistan 2024, Vol. 34(01): 22-26.
- 3. Ambrina Khatoon, Syed F. Hussain, Syed M. Shahid, Santosh Kumar Sidhwani, Salman Ahmed Khan, Omer Ahmed Shaikh, Abdulqadir J. Nashwan. Emerging novel sequence types of Staphylococcus aureus in Pakistan. Journal of Infection and Public Health. Volume 17, Issue. 2024, Pages 51-59, ISSN 1876-0341. https://doi.org/10.1016/j.jiph.2023.10.036.
- 4. Asad L, Mirza T, Kumar S, Khatoon A. Effect of ABO blood group on the severity and clinico-pathological parameters of COVID-19. Pak J Med Sci. 2024;40(5):1022-1029. doi: https://doi.org/10.12669/pjms.40.5.9037 Influence of clinical and demographic variables on the quality of life in patients with cervical cancer. 2024.

- 5. Shahab, F., Hameed, A., Ali, A., Imad, R., & Hafizur, R. M. (2024). Apigenin potentiates glucose-stimulated insulin secretion through the PKA-MEK kinase signaling pathway independent of K-ATP channels. Biomedicine & pharmacotherapy, 177, 116986. https://doi.org/10.1016/j.biopha.2024.116986
- 6. Shahwar, Durrey, Sadaf Baqai, Faisal Khan, M. Israr Khan, Shafaq Javaid, Abdul Hameed, Aisha Raza, Sadaf Saleem Uddin, Hina Hazrat, M. Hafizur Rahman, and et al. 2024. "Proteomic Analysis of Rap1A GTPase Signaling-Deficient C57BL/6 Mouse Pancreas and Functional Studies Identify an Essential Role of Rap1A in Pancreas Physiology" International Journal of Molecular Sciences 25, no. 15: 8013. https://doi.org/10.3390/ijms25158013
- 7. Baig, S., Hussain, R., Imad, R., & Rana, M. Y. (2024). Identification of polymorphic alleles in TERC and TERT gene reprogramming the telomeres of newborn and legacy with parental health. Saudi Journal of Biological Sciences, 31(2), 103897. (Impact factor 4.1)
- 8. The importance of immunohistochemical evaluation of Ki67 in detecting early malignant changes in colorectal adenomatous polyps: Med Forum Jan 2024;35(1):2832. Doi:10.60110/Medforum.350106.
- 9. Investigating the Association between the Autophagy Markers LC3B, SQSTM1/p62, and DRAM and Autophagy-Related Genes in Glioma Int. J. Mol. Sci. 2024, 25(1), 572; https://doi.org/10.3390/ijms25010572 10. Ahmed, H., Fayyaz, T. B., Khatian, N., Usman, S., Nisar, U., Abid, M., Abid, S., & Amp; Abbas, G. (2024). Phloroglucinol inhibited glycation via entrapping carbonyl intermediates. PloS one, 19(7), e0307708.
- 11. Ahmed, H., Fayyaz, T. B., Khatian, N., Usman, S., Khurshid, Y., Sikandar, B., & Das, G. (2024). Phloroglucinol ameliorated methylglyoxal induced harmful effects in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 1-10.
- 12. Khan, Q., Usman, S*., Haneef, K., Wasim, B., Mirza, T. (2024) Human Amniotic Epithelial Cells; A potential cell type for hepatic disorders. Journal of Pakistan Medical Association, 74(2) \$51-\$58.
- 13. Urfa Tabassum Kayani, Santosh Kumar Sidhwani, Nida Hussain, Ambrina Khatoon, Ashok Kumar, & Talat Mirza. (2024). Investigating The Flux of Covid-19 Viral Load and It's Impact on Severity. BioSight, 5(2-3-4). https://doi.org/10.46568/bios.v5i2-3-4.195
- 14. Sidhwani SK1, KayaniU2, Asad L3, KumarA4, Khatoon A5, Naveera Raza6, Talat Mirza7THE IMPACT OF OBESITY ON COVID-19 SEVERITY: A CROSS-SECTIONAL STUDY AT SUB POPULATION OF KARACHI. 2024:14:03,59-68.http://doi.org/10.46536/jpumhs/2024/14.03.536
- 15. Hassan, Sobia & Mirza, Talat & Khatoon, Ambrina & Bukhari, Uzma & Shaikh, Fouzia & Karim, Asad. (2024). BRAF mutations and the association of V600E with CD133 and CDX2 expression in a Pakistani colorectal carcinoma cohort. BMC Cancer. 24. 10.1186/s12885-024-12925-z.
- 16. Siyal, Mehreen & Abbas, Zaigham & Qadeer, Muhammad Ali & Saeed, Alina & Ali, Usman & Khatoon, Ambrina. (2024). Misoprostol for non-alcoholic steatohepatitis: a randomised control trial. BMJ open gastroenterology. 11. 10.1136/bmjgast-2023-001342.
- 17. Jilani, Heena & Shaikh, Fouzia & Khatoon, Ambrina & Siddiqui, Rafia. (2024). Influence of Clinical and Demographic Variables On the Quality of Life in Patients with Cervical Cancer. Journal of Health and Rehabilitation Research. 4. 895-900. 10.61919/jhrr.v4i1.231.
- 18. Tanwir, Sidra & Sabah, Dr & Khatoon, Ambrina & Afridi, Faisal. (2024). Increased antimicrobial resistance against azithromycin during COVID: role of irrational utilization. Journal of the Pakistan Medical Association. 74. 258-263. 10.47391/JPMA.8446.
- 19. Kayani, Urfa & Kumar, Santosh & Khatoon, Ambrina & Kumar, Ashok & Mirza, Talat. (2024). Correlation between Antiviral and Steroid Therapies, COVID-19 Severity, and patient Outcomes: A Cross-Sectional Study. Pakistan Journal of Medical and Health Sciences. 17. 23-27. 10.53350/pjmhs02023171223.
- 20. Khalid, Beenish, Sadia Farukh, Ashokh Kumar, Saeeda Baig, and Moazzam Ali Shahid. "Synonymous variant of TLR7 at restriction site rs864058 identified in Covid 19 Pakistani patients." American Journal of Blood Research 14, no. 2 (2024): 6.
- 21. The importance of immunohistochemical evaluation of Ki67 in detecting early malignant changes in colorectal adenomatous polyps: Med Forum Jan2024;35(1):2832. Doi:10.60110/Medforum.350106.
- 22. Investigating the Association between the Autophagy Markers LC3B, SQSTM1/p62, and DRAM and Autophagy-Related Genes in Glioma Int. J. Mol. Sci. 2024, 25(1), 572; https://doi.org/10.3390/ijms25010572 23. Shahwar, Durrey, Sadaf Baqai, Faisal Khan, M. Israr Khan, Shafaq Javaid, Abdul Hameed, Aisha Raza, Sadaf Saleem Uddin, Hina Hazrat, M. Hafizur Rahman, and et al. 2024. "Proteomic Analysis of Rap1A GTPase Signaling-Deficient C57BL/6 Mouse Pancreas and Functional Studies Identify an Essential Role of Rap1A in PancreasPhysiology" International Journal of Molecular Sciences 25, no. 15: 8013 https://doi.org/10.3390/ijms25158013.

- 24. Sidra Shaikh, Abdul Hameed, Aneel Roy Bhagwani, Kevin Joseph Jerome Borges, Naringin protects renal function by preserving renal tubular morphology in LPS-induced acute kidney injury, Pakistan Journal of Medicine and Dentistry.https://doi.org/10.36283/PJMD13-3/014 Vol. 13 No. 3 (2024): Pakistan Journal of Medicine and Dentistry.
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- 31. Baig, S., Hussain, R., Imad, R., & Rana, M. Y. (2024). Identification of polymorphic alleles in TERC and TERT gene reprogramming the telomeres of newborn and legacy with parental health. Saudi Journal of Biological Sciences, 31(2), 103897.
- 32.lshaque A , Mirza T Recent Advances in Molecular Medicine. Pak J Med Dent. 2024;13(4): 01-02. Doi: https://doi.org/10.36283/ziun-pjmd13-4/001

ACADEMIC ACTIVITIES:

MoU

A. PCMD at Karachi University Signs MoU with Ziauddin University

The Dr. Panjwani Center for Molecular Medicine and Drug Research (PCMD), part of the International Center for Chemical and Biological Sciences (ICCBS) at the University of Karachi, has entered into a Memorandum of Understanding (MoU) with the College of Molecular Medicine, Ziauddin University. The agreement aims to foster collaboration between the two institutions, facilitating academic exchanges of faculty and students, and sharing academic and research information.

B. Musaji Adam & Sons Signs MoU with Ziauddin University

Musaji Adam & Sons partnered with Ziauddin University to advance molecular medicine through joint research, specialised training, and innovative healthcare solutions, bridging academia and industry for impactful medical advancements.

Awareness Programmes/Workshops

- 01-Day awareness as speaker program on "WORLD DIABETES DAY" Empowering Wellbeing in Diabetes Care; A Solution for a Healthier Future" on 14th November, 2024 at Ziauddin University.
- Ziauddin World Diabetes Medical Camp at the World diabetes day, ZU, November 14, 2024.
- World Diabetes Day Walk for Awareness at Ziauddin University (2024)
- Cell Culture from Fundamentals to Applications held from 6-7 Mar, 2024 at Ziauddin University

- 2-day work shop on Workshop on Virtual Dissection Using 3-D Anatomy Table Anatomage-June 2024 (5th and 12th June)
- 2-day work shop on Workshop on Human Histology (6th and 13th June-2024)
- 2 days' workshop on "workshop on Basic and Advanced Histological Techniques" at the College of Molecular Medicine, Ziauddin University. 23rd 24th July, 2024.
- One day hands on workshop on DNA extraction and quantification. 26 Sep-24
- One day hands on workshop on Microbiology unleashed: Mastering essential techniques for everyday lab. -29 october-24
- One day workshop on research methodology-7th November

National and International conferences

• The 4th Annual Biological Sciences Conference from Discovery to Translation Basics Beyond was held on 27th Nov, 24 at Agha Khan University.

International & National Collaboration

- Dr. Zulfiqar Ali Bhutta Robert Harding Chair Global Child Health & Policy Sick Kids Centre for Global Child Health, Toronto, Canada
- Dr. Mujeeb ur Rehman, Assistant Professor, LEJ center of Nanotechnology, ICCBS, UoK
- Dr. Munazza Raza, Assistant Professor, Dr. Panjwani Center for Molecular Medicine & Drug Research, ICCBS, UoK

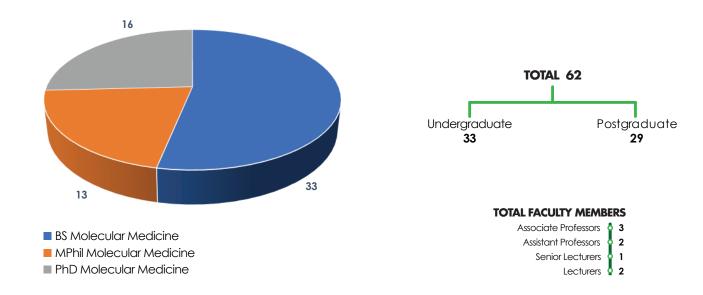
Poster Presentation:

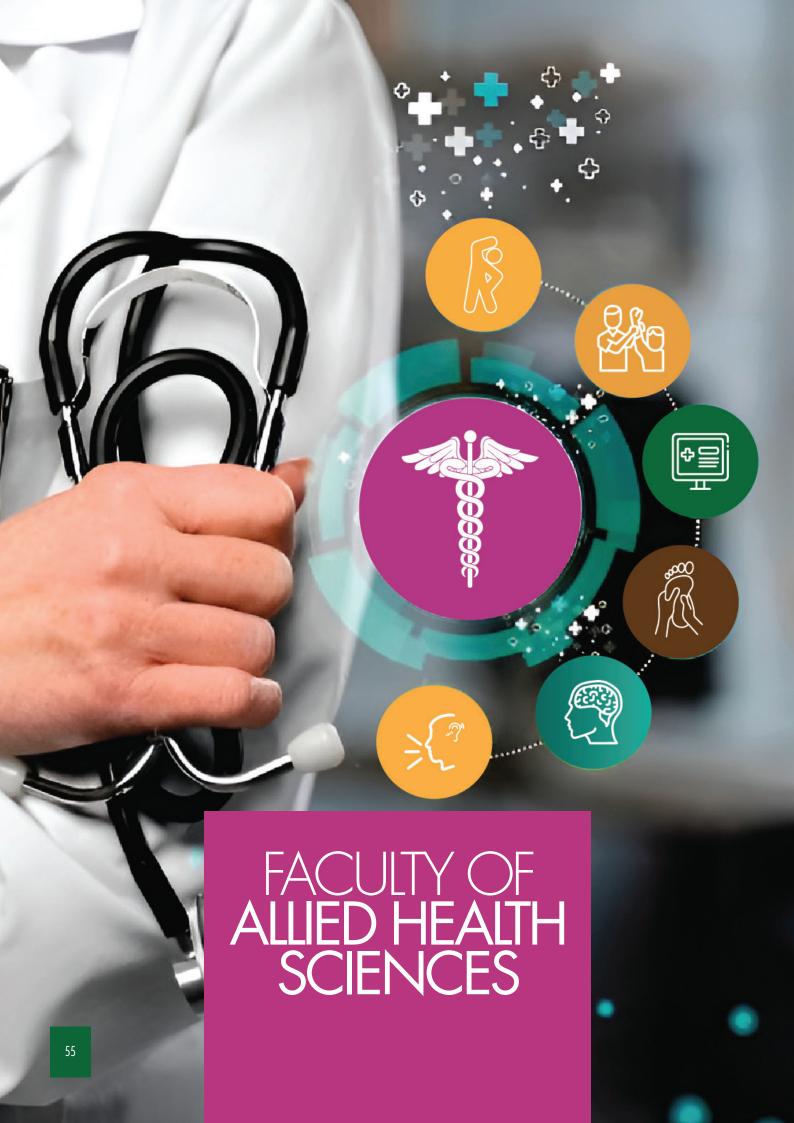
- Hepatoprotective effects of vanillin on inflammation and cell injury in LPS induced liver injury model in mice. Rehma Khanam, Dr Rehan Imad, Dr Talat Mirza, Dr Faraz Baig Ziauddin University, 4/B, Saharah-e-Ghalib, Block 6, Clifton Karachi 75600 Sindh, Pakistan 4
- Association of ABCG8 11887534 single nucleotide polymorphism and gall stone disease risk in a subset of Pakistani population. Khazeena Imran, Sadaf Zehra, Seerat Fatima, Mehak Fatima, Rehan Imad. Inno Launch 1.0: A Fusion of Research & Innovation, 5th October 2024, Nizamuddin Auditorium, Jinnah Postgraduate Medical Centre, Rafiqui Shaheed Rd, Karachi, Pakistan,
- Oral Presentation on "Research Perspectives" on Launching Ceremony of "Dr. Aijaz Fatima Women & Children Centre" 27th May, 2024.

Publications:

- Anaam Islam, Saima Butt, Shumaila Usman, Shahrukh Khan. Establishing Primary Cell line of OSF & Oral Fibroblasts (2024). International Dental Journal, 74(1), \$57-\$58.
- Amreen Liaquat, Kauser Ismail, Shumaila Usman, Seema Ismail, Jasra Gul, Raza Shah Evaluating Sesamol anticancer potential: Insight from Liposomal Nanocarriers & Chemotherpeutic Synergy in Colon Cancer Cell line in the 4th Annual Biological Sciences Conference from Discovery to Translation Basics & beyond held on 27th Nov,24 at Agha Khan University
- Tabinda Urooj, Shumaila Usman, Bushra Wasim, Kanwal Haneef, Talat Mirza. Analysis of Epithelial to Mesenchymal Transition phenomenon in Human Amniotic Epithelial Cells in Culture in the 4th Annual Biological Sciences Conference from Discovery to Translation Basics & beyond held on 27th Nov,24 at Agha Khan University
- Fatima Fouad Qureshi. Shumaila Usman, Saima Butt. Comparison of potential of Umblical and Dental Pulp Stem cells to differentiate into odontoblast-like cells in the 4th Annual Biological Sciences Conference from Discovery to Translation Basics & beyond held on 27th Nov,24 at Agha Khan University
- Seema Ismail, Kauser Ismail, Shumaila Usman, Muhammad Owais Ismail, Jasra Gul, Raza Shah. Effects of Atorvastatin Liposomal preparations in impeding the migratory potential of Colorectal Cancer Cell line in the 4th Annual Biological Sciences Conference from Discovery to Translation Basics & beyond held on 27th Nov,24 at Agha Khan University

NUMBER OF STUDENTS ENROLLED PER PROGRAMME





FACULTY OF ALLIED HEALTH SCIENCES

DEAN'S MESSAGE

The Faculty of Allied Health Sciences at Ziauddin University is dedicated to developing highly skilled professionals in various allied health fields. Our comprehensive programmes, including Doctoral, Master's, and Bachelor's degrees, aim to provide students with the knowledge and hands-on experience needed to excel in their respective careers. We offer specialised degrees in Physical Therapy, Occupational Therapy, Clinical Psychology, Audiology & Speech-Language Therapy, Podiatric Medicine, Medical Technology, and Human Nutrition & Dietetics. Our graduate and post-graduate offerings, such as M.Phil and Ph.D. programmes in Physical Therapy and Human Nutrition & Dietetics, equip students with advanced expertise for leadership roles in healthcare. At Ziauddin University, we focus on nurturing compassionate, competent, and research-driven healthcare professionals who contribute to improving the health and well-being of communities. We take pride in empowering our students with the necessary tools to thrive in today's dynamic healthcare landscape.

Prof. Dr. Sumaira Imran Farooqui

Dean, Faculty of Allied Health Sciences, Ziauddin University

COLLEGES

- College of Physical Therapy
- College of Occupational Therapy
- College of Clinical Psychology
- College of Speech Language & Hearing Science
- College of Podiatric Medicine
- College of Medical Technology
- College of Human Nutrition & Dietetics





COLLEGE OF PHYSICAL THERAPY KARACHI CAMPUS

ABOUT COLLEGE

The Ziauddin College of Physical Therapy (ZCPT) is the evolution of the Ziauddin College of Rehabilitation Sciences (ZCRS), which was established in 1999 with the goal of producing skilled rehabilitation specialists. Initially focused on providing quality education in rehabilitation sciences, ZCRS emphasised the importance of improving patient care and understanding the impact of rehabilitation on quality of life. As the demand for advanced training in physical therapy grew, ZCRS transformed into ZCPT, expanding its offerings.

Today, ZCPT offers a comprehensive range of programmes, including a five-year Doctor of Physical Therapy (DPT) degree, as well as postgraduate MPhil and doctoral-level programs. The college also provides degree upgrade programs and diplomas for continuous professional development. Under the umbrella of the Faculty of Allied Health Sciences, ZCPT continues to produce highly competent professionals who are actively contributing to healthcare facilities worldwide, reflecting the high standard of education and training provided by Ziauddin University.

PRINCIPAL OF THE COLLEGE

Ms. Quratulain Adnan

College of Physical Therapy, Ziauddin University

FACILITIES

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

RESEARCH ACTIVITIES

The Ziauddin College of Physical Therapy organised over 20 activities, including the "Undergraduate Research Poster Gallery" across multiple locations, a webinar on AI for researchers, research synopsis training, a workshop on low socioeconomic community growth, and MOUs with 16 organisations such as DEPD, ANF, and SICHNN.

PUBLICATIONS

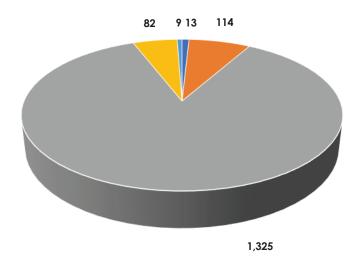
S.N o	Title	Journal Public Year	Author	Author Sequence	Co-Authors	Affiliation
1	Adaptation of moderate intensity exercise on histomorphometric adaptations of superior and inferior vena cava.	2024	1)Fatima Hamza 2)Amna Khan	1st 3rd	1)Syed Nudrat Nawaid Shah	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan Ziauddin College Of Physical therapy, Faculty
2	Addressing the Paediatric Physiotherapy's Unmet Needs	2024	Kiran Yameen			Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
3	Assessment of Fall Risk and its Association with Frailty among Elderly.	2024	Muhammad Haris Raza	3rd	1)Adeena Nisar 2)Maryam Saleem 3)Hifza Riaz 4)Fatima Amjad 5)Anees Arshad 6)Hafiz Ali Bin Asim 7)Muhammad Arslan 8)Amna Khalid	Riphah International University, Lahore, Pakistan
4	Assessment of micro RNA -182 and micro RNA -133 as non invasive predictors of breast cancer in pakistan	2024	Humaira Ansari	4th	Pardeep Kumar1*, Riaz Gul2, Amber Shami3, Humaira Ansari4, Maliha Yaseen5, Sadia Arif6	Principal, Deputy Director & Assistant Professor, Department of Nursing, Meher Institute of Nursing and Allied Health Sciences, Mirpurkhas - Pakistan
5	Assessment of the Health-Related Fitness among Healthcare Professionals	2024	Talala Bashir	2nd	1) Saiqa Jalil 2) Atqa Rehman 3)Huma Bukhari	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
6	Association Between Occurrence of Knee Osteoarthritis and Physical Activity in Older Adults	2024	Muhammad Haris Raza	2nd	1)Tanveer Sikander 2)Ahsaan Ullah 3)Azfar khurshid 4)Aabroo Zafar 5)Muhammad Adnan Haider 6)Adnan Hashim	Dadabhoy Institute Of Higher Education Karachi Pakistan.
7	Association of Antenatal Gender Preference with Perceived Stress among Pregnant Women: Pregnancy Stress and Gender Preference.	2024	Ahad Hasan	2nd	1)Urooba Hasan 2)Hafsa Tahir	National Institute of Child Health
8	Cardiovascular Disorders: Bridging Regional Paramedic Divide In Psychological & Physical Healthpakistan Vs. The West	2024	Ayesha Sonia	2nd	1)Fazal Ayaz 2)Syeda Sana Waheed	NICVD
9	Comparison Of Cardiorespiratory Endurance Among Diabetic And Non Diabetic Male Patients	2024	Humaira Ansari	3rd	1)Dr Pinky 2)Dr Shamshad Zahra 4)Dr Shumail Gul 5)Dr Zareen Naz 6)Dr Amna Afzaal	Lecturer, Institute Of Physiotherapy And Rehabilitation Sciences, Liaquat University Of Medical And Health Sciences Jamshoro, Hyderabad, Pakistan.
10	Consumer Perceptions and Willingness to Pay for Luxury Tourism in Pakistan's Northern Regions.	2024	1) Zaki Hasan 2) Syeda Zeerak 3) Ghulam Murtaza	1st 5th 6th	1) Sumera Mehmood 2) Dr. Munaza Bibi 3) Raza Ali 4) Abdul Haseeb 5) Muhammad Tayyab Siddiqui	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
11	Effect of aerobic exercise on vascular wall thickness. A meta analysis of preclinical trials	2024	1)Sumaira Farooqui 2)Amna Khan	1st 2nd	1)Kevin Borges 2)Syed Nudrat Nawaid Shah	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
12	Effect of Endurance and resistance exercises on knee joint cartilages in young male rats- A randomized control trial.	2024	1)Kiran Yameen 2) Sumaira I. FarooquI 3)Jaza Rizvi 4)Amna A Khan	1st 3rd 4th 5th	1)Kevin J.J. Borges 2)Syed N.N. Shah	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
13	Effect of exercise on pain alleviation in patients with varicose veins	2024	1)Fatima Hamza 2) Sabika Minhaj 3) Iqra Salahuddin	1st 2nd 3rd		Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
15	Effects of concurrent training on glycemic and vascular parameters among patients with T2DM	2024	Uroosa Amin	1st	1) Tauseef Ahmad	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan

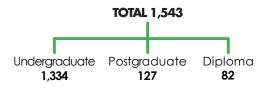
17	Effects of Exercise on Cartilage Thickness and Chondrocytes Count: A Meta-Analysis of Pre- Clinical Randomized Controlled Trials Conducted on Rats	2024	1)Kiran Yameen 2)Amna Khan	1st	1)Kevin Joseph 2)Jerome Borges	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
18	Effects of Non-Immersive Virtual Reality using Wii-Fit Exercises on Balance and Cognition among Parkinson's Disease: A meta-analysis	2024	1)Fouzia Hussain 2)Sumaira Farooqui 3)Amna Aimar Khan 4)Muhammad Usman khan 5) Muhammad Abid Khan 6)Ahad Hassan	1st 2nd 3rd 4th 5th 6th	2) Prof. Dr. Sumaira Farooqui 3) Amna Amir Khan 4) Muhammad Usman Khan 5) Muhammad Abid Khan 6) Ahad Hasan	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
19	Effects of Spoiler on the Attraction of Forthcoming Web Series and Viewership	2024	1) Shaista Tariq 2) Saad Akhtar 3) Meer Bilawal 5) Tabassum Zubair 6) Amna Munir 7) Syeda Zeerak 8) Sajjad Ahmed	1st 2nd 4th 5th 6th 7th 8th	1) Faria	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
20	Effects of Virtual Reality on Static and Dynamic Balance Among Individuals with Down Syndrome	2024	1) Saima Ali 2) Quratulain Adnan	2nd 3rd	Ebad ur ehman Ghouri Aamir Gul Memon	Sohail University
21	Efficacy of Simulated Equestrian Therapy in Improving Gait Parameters among Children with Down Syndrome: A Randomized Controlled Trial	2024	1) Maha Siddiqui 2) Sumaira Farooqui 3) Jaza Rizvi	1st 2nd 3rd	1) Bashir Ahmed Soomro	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
22	Exploring the Food Sharing Experiences of Foreign V Loggers: A Netnographic Approach for Pakistani Food Tourism.	2024	1) Zaki Hasan 2) Syeda Zeerak	1st 3rd	1)Madiha Aslam	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
23	Foot Muscle Exercise: A Novel Approach to Improve Motor Functions in Children with Down Syndrome Having Pes Planus – A Randomized Controlled Trial	2024	1)Sumaira Imran Farooqui 2) Abid Khan 3) Jaza Rizvi	1st 3rd 4th	1) Zainab Meher Hasan	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
24	Frequency of Elevated Resting Heart Rate Among Young Healthy Adults with Normal BMI"	2024	1)Maha Siddiqui 2)Muhammad Ather Hashmi 3)Summaiya Rubab	1st 2nd 4th	1)Omema Sohail	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
25	Frequency of Physical Activity in Acute or Chronic Smoker among General Population of Karachi -A Cross-Sectional Study	2024	1)Sana Shahzad	1st		Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
26	Gleno-humeral internal rotation deficit & risk of upper extremity injury in overhead Athletes : Systematic Review	2024	1) Ms Sabika Minhaj 2) Ms Zahra Khan Afridi 3) Ms Summaiya Rubab 4) Ms Zarmina Qazi 5) Ms Maha Siddiqui	1st 2nd 3rd 4th 5th		Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
27	Histomorphometric adaptation of Superior and Inferior Vena Cava after moderate intensity continuous exercise training: A preclinical Trail	2024	1) Fatima Hamza 2) Amna Aamir khan 3) Sumaira Imran Farooqui	1st 3rd 4th	Syed Nudrat Nawaid Shah Kevin Joseph Jerome Borges	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
28	Human Capital Development for China Pakistan Economic Corridor: What is needed?	2024	1) Sajjad Ahmed	2nd	1) Ghulam Muhammad	Mohammad Ali Jinnah University

29	Knowledge, Attitude and Practice of Upper Cross Syndrome among Physiotherapists in Karachi	2024	1) Bushra Mehwish	5th	Ghazal Naseem Safia Bano Farwah Sultan Aftab Ahmed Mirza Baig	Former Student, Ziauddin University, Karachi Pakistan.
30	Knowledge, Attitude, and Perception of Covid- 19 Vaccinations in Physiotherapy Students of Pakistan - A Cross- Sectional Survey	2024	1)Rabeiya Tazeem	4th	1)Okasha Anjum 2)Hajra Ameer Shaikh 3)Syeda Wajeeha Raza Zaidi	1st Author: Indus University
31	Mevastatin: A Novel Agent Forming Dopaminergic Neurons From Human Mesenchymal Stem Cells	2024	1)Humaira Ansari	1st	2)Shumaila Usman 3)Syed Tousif Ahmed 4)Kanwal Haneef 5)Shazia Hashmat 6)Kevin Joseph Jerome Borges	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
32	Periodisation Strategies: A Meta-Analysis Unravelling the Impact on Optimising Athletic Peak Performance	2024	1) Kiran Yameen 2) Areeba Khan	1st 2nd		Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
33	Plasma Prolidase Activity And Its Relation With Number Of Cysts In Polycystic Ovary Syndrome	2024	1)Humaira Ansari	5th	1)Murk Fatima 2)Soña Amjad 3)Mehreen Inam Illahi 4)Syed Tausif Ahmed 6)Rehana Rehman	Department of Physiology, Ziauddin University, Karachi, Pakistan.
34	Practicing emerging therapeutic interventions without proper knowledge: A growing concern among physical therapists	2024	1)Sana Shahzad 2)Faryal Shoukat	1st 2nd	1)Komal Komari	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
35	Prevalence and Associated Risk Factors of Foot Pain among Working Females-A Cross- Sectional Study: Foot Pain and Associated Risk Factors	2024	1) Fouzia Hussain	2nd	1) Rabia Asif Khan	Isra Institute of Rehabilitation Sciences, Isra University Karachi Campus
36	Prevalence of musculoskeletal discomfort with associated disability among adult male motorcyclist	2024	1)Zahra Khan Afridi 2)Areeba Khan 3))Muhammad Ather Hashmi	1st 2nd 5th	1)Fatima Masood 2)Danish Rasool	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
37	Reimagining Healthcare Delivery: Enhancing Patient-Centric Services in Pakistan Public Hospitals	2024	1) Zaki Hassan 2) Syeda Zeerak 3)Tabassum Zubair 4)Amna Munir	1st 2nd 4th 5th	1)Humaira fatima	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
38	Resistance Exercise for Patients with COPD: A Systematic Review of Existing Literature: Resistance Exercise For Patients With COPD	2024	1) Muhammad Ather Hashmi 2) Huzaifa Ather Rajar 3) Saima Ali	1st 3rd 6th	Sagar Kumar Sawlani Hafiza Javeria Mirza Muhammad Faisal	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
39	Social Cognitive Theory In Human Resource Management: Literature Review, Criticism and Research Agenda.	2024	1)Zaki Hasan	2nd	1)Sumera Mehmood 2) Raza Ali 3) Sana Nawaz 4) Sehrish Amjad	Iqra University
40	Stem Cell Therapy; A Promising Treatment of Parkinson's Diseases	2024	1)Humaira Ansari	1st	2)Shumaila Usman 3)Syed Tousif Ahmed 4)Shazia Hashmat	Department of Physiology, Ziauddin University, Karachi, Pakistan.
41	Synergistic Strides: Exploring Concurrent Exercise for Type 2 Diabetes Management; a Systematic Review and Meta-Analysis	2024	1)uroosa Amin 2)Qurat ul ain Adnan 3)Prof. Dr. Sumera Imran Farooqi	1ST 2nd 3rd	1)Dr. Touseef Ahmed	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
42	Teaching Anatomy in Rehabilitation Sciences: Perceptions of Undergraduate Physical Therapy, Occupational Therapy and Sports Sciences Students of Ziauddin University, Pakistan	2024	1)Fatima Hamza 2) Kiran Yameen 3) Mahnoor Khursheed 4) Areeba Khan	1st 2nd 3rd 5th	1)Saiqa Jalil	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan

43	The impact of of Acute Whole-bodyVibration and Anthrometric Data on Sinlge-leg Standing Balance in Sedentary Females.	2024	1)Amna Aamir Khan	3rd	1)Mariam Abdulmoniem Ameer 2) Ammar Mohamed Al Abbad 3) Fahad Alanazi 4)Amal Hosain ALsakhri 5)Ghedaf Ehab Abdullhadi 6) Mashael Hamoud ALbilasi 7)Mashael Saud ALRashed 8) Seba Bakr Ali 9)Wasan Sultan Homoud	University Of Cairo
44	Virtual Reality Base Rehabilitation In Stroke For Upper Limb Motor Recovery	2024	1)Muhammad Haris Raza	1st	1))Saba Qayyum 2)Muhammad Adnan Khan 3)Muhammad Amjad Khan	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
45	Comparison of clinical practice and treatment preferences by physical therapists for patient of plantar fasciitis	2024	1)subita kafeel	4th	1) aqsa faiz 2)mubashara afzal 3)malik osama 4)bahadur kanwer	South City Health Care Educational Hub, Karachi, Pakistan.
46	Exploring the relationship between anxiety levels and sleep quality during covid-19 pandemic; a cross-sectional survey	2024	4)subita kafeel	4th	1)sami ur rehman 2)aqsa faiz 3)mubushara afzal	South City Health Care Educational Hub, Karachi, Pakistan.
47	Augmented histological adaptations in central veins as compared to the artery; potentially valuable effect of moderate-intensity continuous training for rehabilitation protocols	2024	1.Fatima Hamza 3. Amna Aamir Khan 4. Dr. Sumaira Imran Farooqui	1st 3rd 4th	Dr. Nudrat Nawaid Shah Dr. Kevin Joseph Jerome Borges	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
48	Digital Dependency Nomophobia and Smartphone Addiction among Community Healthcare Professionals	2024	Uroosa Amin Meer Bilawal Fasiha Lareb Mohammad Haris Raza Maimoona Taj Shamoeel	1st 2nd 3rd 4th 5th 6th		Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
49	Effects of Virtual Reality-Based Mirror Therapy on Upper Extremity Motor Function, Manual Performance and Gross Manual Dexterity Among Stroke Patients: A Meta- Analysis	2024	1.Fouzia Hussain 2. Mahnoor Khursheed 3. Sumera Afzal 4. Muhammad Usman Khan 5. Ahad Hasan 6. Meeran Hasnain	1st 2nd 3rd 4th 5th 6th		Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan
50	The Glass Escalator effect in Physical Therapy: Exploring Gender Disparities and Career Advancement: Glass Escalator in Physical Therapy	2024	1. Ahad Hasan 2. Zaki Hasan 3. Fouzia Hussain 4. Maria Parvez 6. Tabassum Zubair	1st 2nd 3rd 4th 6th	5. Muhammad Usman	Ziauddin College Of Physical therapy, Faculty Of Allied Health Sciences, Ziauddin University, Karachi, Pakistan

NUMBER OF STUDENTS ENROLLED PER PROGRAMME







- Master of Science/Master of Philosophy (Physical Therapy)
- Doctor of Physical Therapy
- Diploma in Fitness Training
- Bachelors in Physical Health Education and Sports Sciences

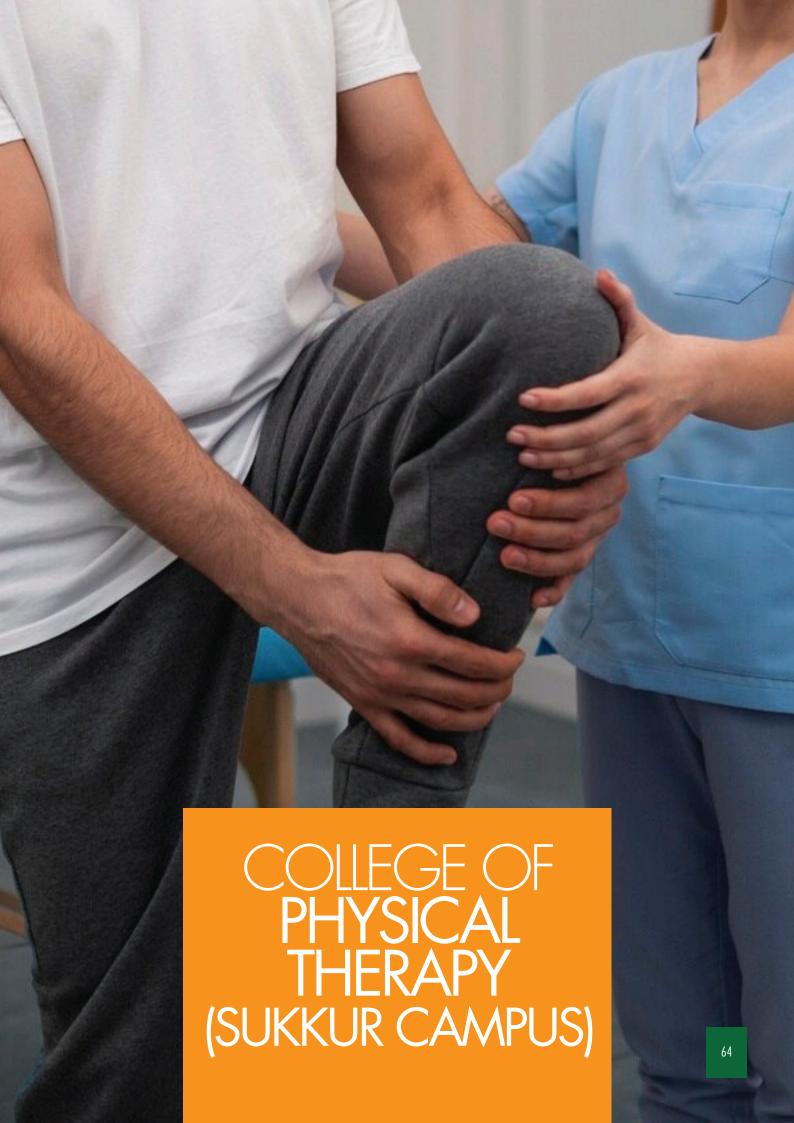
TOTAL FACULTY MEMBERS

PROFESSORS 2 2 ASSOCIATE PROFESSORS

ASSISTANT PROFESSORS 15

SENIOR LECTURERS LECTURERS 5 18

27



COLLEGE OF PHYSICAL THERAPY SUKKUR CAMPUS

ABOUT COLLEGE

The Ziauddin College of Physical Therapy in Sukkur Campus is a new chapter in Ziauddin University's expansion of excellence. Offering a 5-year Doctor of Physical Therapy programme accredited by the Higher Education Commission of Pakistan, ZCPT brings world-class education to interior Sindh. Equipped with a state-of-the-art physical therapy lab, a 3D anatomy dissection table, and a comprehensive digital library, alongside modern classrooms and sports facilities, the campus ensures a transformative learning experience, fostering excellence and innovation in healthcare education.

PRINCIPAL OF THE COLLEGE

Muhammad Usman Khan

College of Physical Therapy, Ziauddin University

FACILITIES

Lecture Halls 5
Faculty Office/Work Stations 18
Multipurpose Lab 5
Indoor Sports Area 1
Faculty Hostel/Drs Wing 6
Male & Female Hostel 140

RESEARCH ACTIVITIES

The college has signed 4 MOUs and organised 6 research activities, workshops, and seminars to promote collaborations and enhance professional development in 2023–2024.

PUBLICATIONS

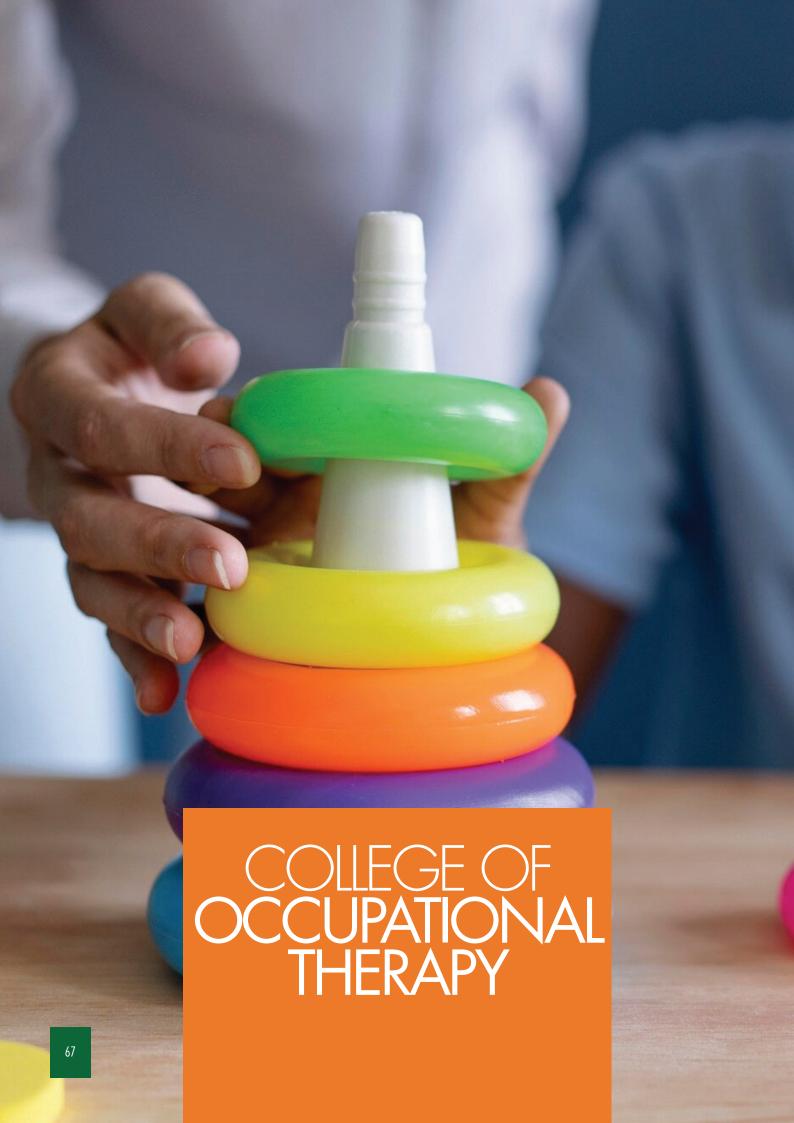
S. No.	Faculty Name	Article Title	Year of Publicatio n	Journal Name	Authorship Position	Impact Factor	HEC Categor y		Country of Origin of Journal	Resear ch Grants	Seminars / Workshop Conducted	Ongoing research projects
1	Muhammad Usman Khan	Effects of Center Based vs. Telerehabilitation using an Interval and Continuous Aerobic Training among Post-Coronary Revascularzation Patients-A Randomized Controlled Trial, 2024 2) Impact of Leadership Styles on Physical Therapy Clinic Performance. The Medicaling Role of Employee Engagement and the Moderating Effect of Organizational Culture	1) 2024	Allied Medical Research Journal Bussiness and Economics	1) 2nd 2) 1st	1) 0.73 2) 0.45	1)Y 2)Y	1) National 2) National	1) Pakistan 2) Pakistan		Guest Speaker on : Innovate to Rehabilitate, Transform to meet the Challenge of Digital Era", 7-8th Sept 2023	
2	Abdul Rahim	"COMPARATIVE ASSOCIATION OF PAIN AND FUNCTIONAL DISABILITY BETWEEN NURSES AND PHYSIOTHERAPISTS WITH UPPER DISABILITY BETWEEN NURSES AND PHYSIOTHERAPISTS WITH UPPER CROSS SYNDROME".	2024	African Journal Of Biological Sciences	5th	1.08	х	Internation al	South Africa		16th Neurology Course (Feb 2 - April 6 2020) , Agha khan University	
3	Kiran Bibi	Attitude of Physiotherapist Towards Disabled Person	2024	JPUMHS	7th		Υ	National	Pakistan	N/A	N/A	N/A
4	Sain Memon	Inmpact of Leadership Styles on Physical Therapy Clinic Performance: The Mediating Role of Employee Engagement and the Moderating Effect of Organizational Culture Attitude of Physiotherapist Towards Disabled Person	2024	Bulletin of Bussiness and Economics JPUMHS	6th 6th		Y	National	Pakistan Pakistan	N/A	N/A	N/A
5	Farkhunda Feroz	Impact of Leadership Styles on Physical Therapy Clinic Performance: The Mediating Role of Employee Engagement and the Moderating Effect of Organizational Culture Attitude of Physiotherapist Towards Disabled Person	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Saiqa Jalil	1. Teaching Anatomy in Rehabilitation Sciences: Perceptions of Undergraduate Physical Therapy, Occupational Therapy and Sports Sciences Students of Ziauddin University, Pakistan 2. Assessment of the Heath-Retaled Fitness among Healthcare Professionals 3. Impact of Leadership Styles on Physical Therapy Clinic Performance: The Mediating Role of Employee Engagement and the Audit Conference of Comparisonal Culture 4. Understanding the Role of Physical Therapistsand Students in Promoting Physical Activity. A Cross-Sectional Study of Readiness and Perceived Challenges	1. 2024 2. 2024 3. 2024 4. 2024	1. JHRR 2. AMRJ 3. Bulletin of Business and economics 4. JHRR	1. 4th 2. 1st 3. 4th 4. 4th	1. 0.17 4. 0.17	1. Y 2. Y 3. Y 4. Y	National National	1. Pakistan 2. Pakistan 3. Pakistan 4. Pakistan	N/A	N/A	
7	Kiran Latif	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Ghulam Zohra		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Atta Muhammad	1) A validation study of the translated urdu version of the arthits impact measurements scale arthritis impact measurement scale 2 in knee osteoarthritis patients. P.IR 24 2) Urdu translation and adaptation of the Boston capal turnet Questionnaire: A reliability and validity study. JHRR 2023. 3) Effects of trust specific evertises and balance evercises on postural sway and balance of patie 4) Community response during COVID-19, pandemic in Pakistani population: A cross sectionais survey. 2023 5) Commentary on: Electromagnetic induction for treatment of unspecific back pain. a prospective randomised sham-controlled study. 6) "COMPARATIVE ASSOCIATION OF PAIN AND FUNCTIONAL DISABILITY BETWEEN NURSES AND PHYSIOTHERAPISTS WITH UPPER CROSS SYNDROME".	1) 2023 2) 2024	1) Pakistan Journal of Rehabilitation, 22 Journal of Health and Rehabilitation research 3) Journal of Rehabilitation Medicine, JRM 4) Journal of Man Shiyou University: Natural Science editation 5) African journal of Biological Sciences	1) 3rd 2) 4th 3) 1st & 2nd 4) 2nd 5) 3rd	1) 0.71 2) 2.9 3) 5.6 4) 1.08	1) Y 2) W 3) X 4) X	1) National 2) Internation al 3) Internation al 4) Internation al	1) Pakistan 2) Sweden 3) Chinna 4) Africa		Guest Speaker on : emerging trends in Basic Mediocal Sciences.	Yes

TOTAL NUMBER OF STUDENTS ENROLLED



TOTAL FACULTY MEMBERS

PROFESSORS 0 1
ASSOCIATE PROFESSORS 1
ASSISTANT PROFESSORS 2
SENIOR LECTURERS 2
LECTURERS 6



COLLEGE OF OCCUPATIONAL THERAPY

ABOUT COLLEGE

The College of Occupational Therapy (ZCOT) represents the evolution of the Occupational Therapy (DOT) programme, which was initially introduced in 2018 under the Department of Occupational Therapy at Ziauddin College of Rehabilitation Sciences (ZCRS) in Karachi, Pakistan. This transition occurred in December 2023, marking a significant milestone as ZCOT integrated into the Faculty of Allied Health Sciences. Ziauddin University is the only institute offering a five-year degree programme in Occupational Therapy. The college provides both undergraduate and 1-year deficiency programmes, namely Doctor of Occupational Therapy and Accelerated Doctor of Occupational Therapy.

PRINCIPAL OF THE COLLEGE

Ms. Neelum Zehra

College of Occupational Therapy, Ziauddin University

FACILITIES

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

MOUS WITH IN THE FOLLOWING COLLEGES;

- 1. Sindh Institute Of child health and neonatology (SICHN)
- 2. Shifaam Peads Neurology & Wellness Place
- 3. Milestone Charitable Trust
- 4. Learning Hands Rehabilitation Center
- 5. IHRI Rehabilitation Center
- 6. Dr. Aisha's Health Vision Hospital
- 7. Karachi Vocational Training Center
- 8. Pakistan Center Of Autism
- 9. Deaf Education Welfare Association
- 10. Imran Rehabilitation Center
- 11. Shaheed Mohtarma Benazir Bhutto Institute of Trauma
- 12. Physiopedia Plus Ltd
- 13. Department of Empowerment of Persons with Disabilities (DEPD)
- 14. Dar-ul-Sukoon
- 15. Pakistan Occupational therapy Association
- 16. Person with disability association
- 17. AMRJ (Allied Medical Research Journal)
- 18. AMSS (
- 19. Nighdasht
- 20. Indus Hospital
- 21. AMI School

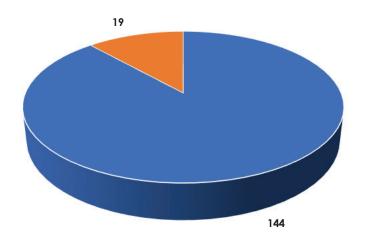
PUBLICATIONS

Name of faculty	Title of Publications	Journal and Year of Publication	Main Author	Main Author Sequence	Co-authors	Affiliations
Shahib Din	"A CERTAIN ART OF UNCERTAINTY" PROFESSIONAL IDENTITY OF OCCUPATIONAL THERAPISTS OF KARACHI	AMRJ 2024- 25	Shahi bdin	Shahibdin , Amber ali, Asna asif, Kashaf fatima	Amber ali, Asna asif, Kashaf fatima	ZCOT
Urooj Saghir	1. Optimizing Sensory loads Using a Sensory Processing Skills Therapy among Autistic Spectrum Disorder	AMRJ January 2023	Nabe ela Wali	Ms Nabeela Wali Ms. Urooj Saghir Mr. Syed Ashar Ali Mr. Muhamm ad Hammad Mursalee n	Ms Nabeela Wali Mr. Syed Ashar Ali Mr. Muhammad Hammad Mursaleen	ZCOT and ANF
Urooj Saghir	2. Optimizing Employee Well- Being through Occupational Therapy Interventions: Assessing the role of Environment Adaptation	Bulletin of Business and Economics , 2024	Hiba Khan	Ms.Hiba Khan Ms. Amber Amir Ali Ms. Shaikh Maria Tabassum Ms. Urooj Saghir	Ms. Hiba Khan Ms. Amber Amir Ali Ms. Shaikh Maria Tabassum	ZCOT and AKUH

Urooj Saghir	2. Optimizing Employee Well- Being through Occupational Therapy Interventions: Assessing the role of Environment Adaptation	Bulletin of Business and Economics , 2024	Hiba Khan	Ms.Hiba Khan Ms. Amber Amir Ali Ms. Shaikh Maria Tabassum Ms. Urooj Saghir	Ms. Hiba Khan Ms. Amber Amir Ali Ms. Shaikh Maria Tabassum	ZCOT and AKUH
Ms. Neelum Zehra	Assessing Global Access to Continuing Professional Development for Rehabilitation Professionals: a mixed method study of current practices and perceived needs	BMJ Open, 6 November 2024	Shala Cunni ngha m	1. Shala Cunningh am 2. Rachael Lowe 3. Cheryl Footer 4. Hsu Wai Mon Oo 5. Olha Kovalchu k 6. Herbert Omoding 7. Neelum Zehra 8. Abdulgaf oor M Bachani	1. Shala Cunningha m 2. Rachael Lowe 3. Cheryl Footer 4. Hsu Wai Mon Oo 5. Olha Kovalchuk 6. Herbert Omoding 7. Abdulgafoor M Bachani	
Hiba Khan	1. Optimizing Employee Well- Being through Occupational	Bulletin of Business and Economics , 2024	Hiba Khan	Ms.Hiba Khan Ms. Amber Amir Ali	Ms. Urooj Saghir Ms. Amber Amir Ali Ms. Shaikh	ZCOT and AKUH

Hiba Khan	Effects of Sensory Integration to Manage Behavior Problems of Children with Autism Spectrum Disorder	AMRJ 2024- 01-30	Abdul Sama d	Abdul Samad Farheen Muhamm ad Aslam, Hiba Khan Maria Tabassum	Farheen Muhammad Aslam, Maria Tabassum,	Dow University of Health Sciences Bedaya Rehabilitatio n and Training College of Occupationa I Therapy, Faculty of Allied Health Sciences
Shaikh Maria Tabassu m	1. Optimizing Employee Well- Being through Occupational Therapy Interventions: Assessing the role of Environment Adaptation	Bulletin of Business and Economics , 2024	Hiba Khan	Ms.Hiba Khan Ms. Amber Amir Ali Ms. Shaikh Maria Tabassum Ms. Urooj Saghir	Ms. Urooj Saghir Ms. Amber Amir Ali Ms. Shaikh Maria Tabassum	ZCOT and AKUH
Shaikh Maria Tabassu m	Effects of Sensory Integration to Manage Behavior Problems of Children with Autism Spectrum Disorder	AMRJ 2024- 01-30	Abdul Sama d		Farheen Muhammad Aslam, Hiba Khan	Dow University of Health Sciences Bedaya Rehabilitatio n and Training College of Occupationa I Therapy, Faculty of

NUMBER OF STUDENTS ENROLLED PER PROGRAMME

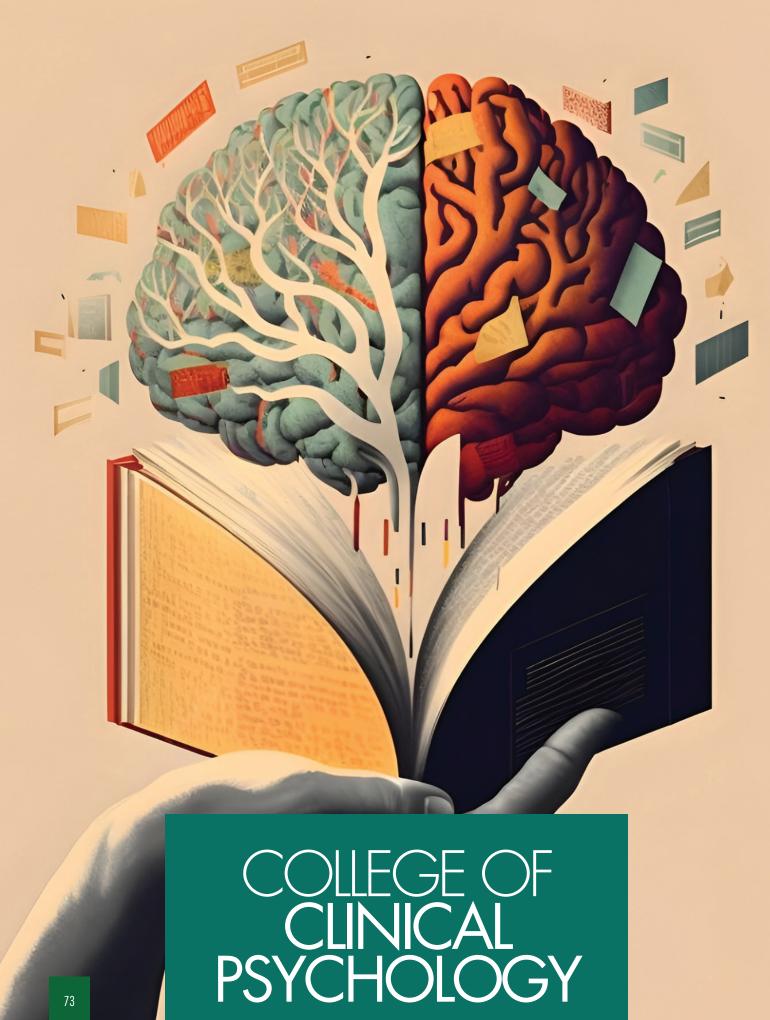




TOTAL FACULTY MEMBERS

SENIOR LECTURERS 1 8

- Doctor of Occupational Therapy
- Accelerated Doctor of occupational Therapy



COLLEGE OF CLINICAL PSYCHOLOGY

ABOUT COLLEGE

The College of Clinical Psychology is providing quality education and clinical services. Our mission is to create an inclusive community dedicated to innovation and excellence in teaching and research, as well as public service and engagement through hard work, integrity, freedom and discovery.

Psychology is the scientific study of the mind and behaviour, according to the American Psychological Association. Psychology is a multifaceted discipline and includes many sub-fields of study, such as human development, sports, health, clinical, social behaviour and cognitive processes.

PRINCIPAL OF THE COLLEGE

Ms. Sarah Jehangir,

College of Clinical Psychology, Ziauddin University

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

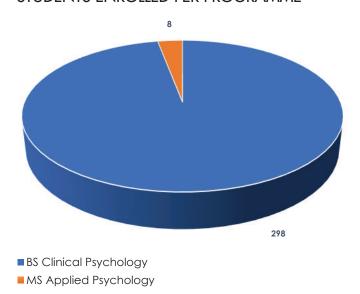
RESEARCH ACTIVITIES

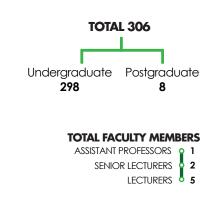
The Ziauddin College of Clinical Psychology has hosted 5 research activities and events. It has also collaborated with 9 organisations and institutions to promote mental health awareness and professional development. These initiatives span from workshops and community work to guest lectures and partnerships with leading healthcare and educational entities.

PUBLICATIONS

Author	Title	Journal Published Year	Main Author Sequence	Co-authors	Affiliation
Sarah Jehangir	Association between Attachment Styles and Depression Severity in Young Adults from Divorced or Single-Parent Households: A Cross- Sectional Study	Jan-24	1st	Syeda Sania Khalid	HEC
	Unmasking the Digital Threat: A Systematic Review of Cyberbullying's Impact on Youth's Mental Health	Jun-24	1st	Shumaila Atif, Syeda Sania Khalid, Anusha Sajid	HEC
	Perceived Fathers Acceptance-Rejection and Emotional Intelligence in Adolescence: A Gender-Based Comparison	2024	1st	Ауаz.Н	Pakistan Journal of Rehabilitation
Dr. Sadaf Hafeez Chohan	The Psychosocial Impact of Military Deployment on Families: A Clinical Overview	2024	1st	Mursaleen.M, Asmatullah, Hafeez.S, Khanzada.S, Ayaz.H	Kurdish Studies
	Friendship Quality Matters: Understanding its Impact on Mental Health of Adolescents with Mindfulness as a Mediator	2024	1st	Shaheen.R, Hafeez.S, Shabbir.S, Nisa.Z, Adeeb.M	Remittances Review
	Self-Silence and Life Satisfaction among Females with Teenage Marriages: Is Rejection Sensitivity Mediate	2024	1st	Ayaz.H, Waseem.A	
	Perceived Maternal Acceptance-Rejection as a Predictor of Emotional Intelligence in Adolescence	2024	1st	Ayaz.H, Shahzadi.G, Waseem.A	
	Locus of Control as Moderator between Work Motivation and Job Satisfaction among Bank Employees	2024	1st	Illays.S, Nazar. N, Hafeez.S, Arshad.S, Adeeb.M	
Syeda Sania Khalid	Association between Attachment Styles and Depression Severity in Young Adults from Divorced or Single-Parent Households: A Cross- Sectional Study	Jun-24	2nd	Sarah Jehangir	HEC
	Unmasking the Digital Threat: A Systematic Review of Cyberbullying's Impact on Youth's Mental Health	Jun-24	3rd	Sarah Jehangir, Shumaila Atif, Anusha Sajid	HEC
Shumaila Atif	Stigma surrounding depression in different cultures - Meta analysis	Jan-24	1st	Anusha Sajid	HEC
Shumaila Atif	Unmasking the Digital Threat: A Systematic Review of Cyberbullying's Impact on Youth's Mental Health	Jun-24	1st	Sarah Jehangir, Syeda Sania Khalid, Anusha Sajid	HEC

STUDENTS ENROLLED PER PROGRAMME







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 and boys common room 2 Canteen 1 Lecture hall 4

Clinic room- 16 (Adult 1, OT/PT 2, AUDIO 1, DRS/FEES 1, PSYCHOLOGY 1, ST-14)

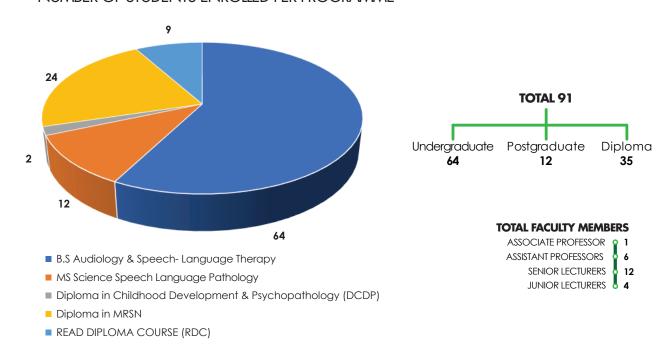
OUTREACH AND COLLABORATIVE ACTIVITIES:

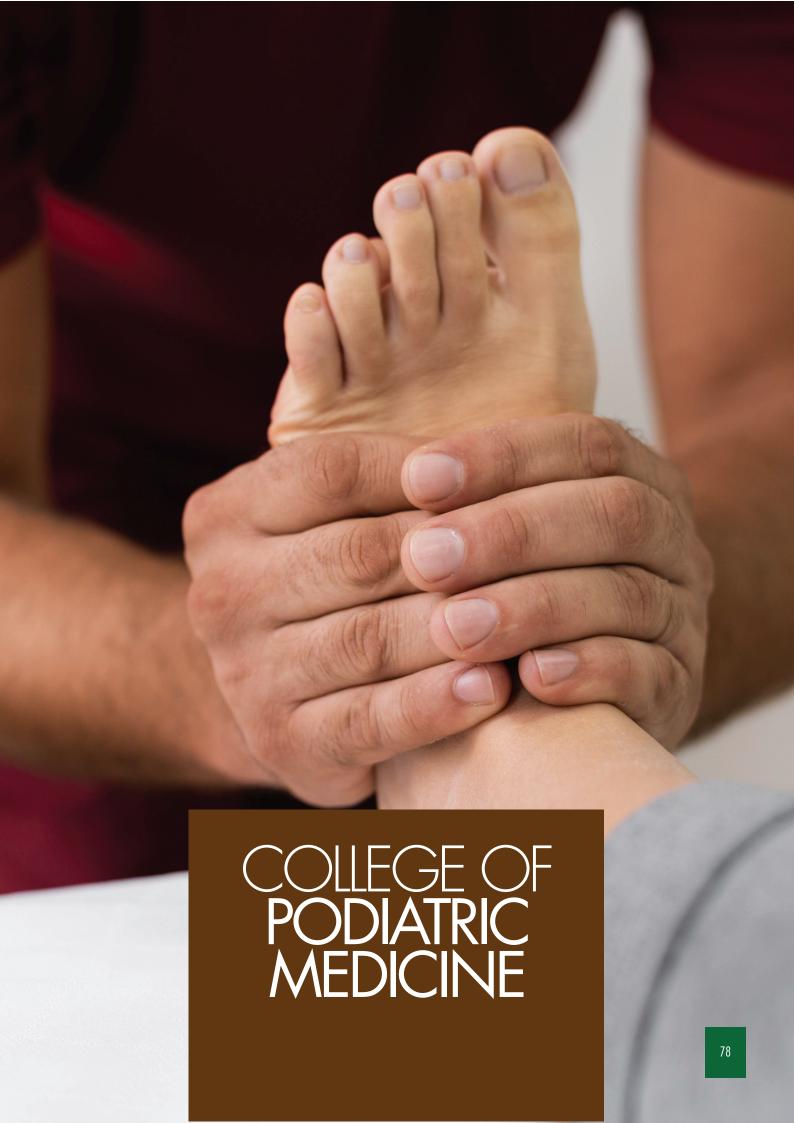
The College of Speech Language & Hearing Sciences conducted 42 events, 14 workshops, 2 open houses, 4 community works, 4 conferences, 2 fundraisers, 7 awareness sessions, 3 parent training, 2 teacher training, 2 storytelling sessions, and 1 orientation in 2024, with MOUs signed with Ujala, KDSP, ACELP, Learning Tree, and Indus Hospital, and received 1 NED project and 1 DARE-RC grant.

PUBLICATIONS:

The College of Speech Language & Hearing Sciences at Ziauddin University published 5 publications in 2024, including 1 editorial.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME





COLLEGE OF PODIATRIC MEDICINE

ABOUT COLLEGE

Ziauddin College of Podiatric Medicine (ZCPM) is Pakistan's trailblazer in foot and ankle healthcare education, redefining standards for podiatric medicine. As part of the esteemed Faculty of Allied Health Sciences at Ziauddin University, ZCPM is committed to empowering future podiatrists with cutting-edge knowledge, hands-on clinical skills, and a passion for improving quality of life. Our holistic approach integrates state-of-the-art facilities, international and national faculty, and strong community outreach to produce leaders in foot and lower limb healthcare. Our mission is to produce competent and compassionate podiatrists equipped to address foot and lower limb disorders. The college fosters leadership and professional excellence by emphasising evidence-based practices, interdisciplinary collaboration, and community service.

PRINCIPAL OF THE COLLEGE

Mr. Ali Farhad Acting Principal

FACILITIES

- State-of-the-art laboratories
- Biomechanics Power lab
- Dedicated library with specialized resources
- Access to Ziauddin University Hospital and others also for clinical rotations

MEMORANDUMS OF UNDERSTANDING (MOUS)

The college has established collaborations with esteemed organisations to enhance academic and clinical opportunities.

- 1. National Institute of Physical Therapy and Rehabilitation Sciences (NIPARS)
- 2. Essa Laboratory and Diagnostic Centre
- 3. Jinnah Postgraduate Medical Centre (JPMC)
- 4. Allied Medical and Research Journal (AMRJ)
- 5. Archives of Management and Social Sciences (AMSS)

RESEARCH ACTIVITIES/WORKSHOPS/SEMINARS

- Poster Day Competition: Focused on innovations and advancements in podiatry, engaging students and professionals.
- Podiatry Day Celebration: Aimed at raising awareness of podiatric health and promoting preventive care on 8th October, 2024.
- International Faculty Visits: Renowned global experts in Podiatric Medicine conducted workshops and lectures, enriching the academic experience.

RESEARCH INITIATIVES

Ongoing studies on diabetic foot care and biomechanics.

Active participation in multidisciplinary healthcare research aligned with global standards.

NUMBER OF STUDENTS ENROLLED



TOTAL FACULTY MEMBERS

ASSISTANT PROFESSORS LECTURERS 3

PUBLICATIONS

S. No	Author Name	Article Title	Year of Publicatio n	Journal Name	Authorshi p Position	National / Internation al	Country of Origin of Journal
		1. Role of conservative management in the reduction of Cobb angle among adolescent idiopathic scoliosis. A systematic review. Physiotherapy	2023	Physiotherap y Quarterly	4th	International	Poland
	2. Exercise response on dose curve among class I obese young adult	2022	JPMA.	3rd	National	Pakistan	
1	Farhad	Dr. All 3 Effects of	2021	Internet Journal of Allied Health Sciences and Practice.	1st	National	Pakistan
	4. Effects of Mode and Duration of Exercises on Fat Mass of Obese Population.	2020	J. Coll. Physicians Surg. Pak.	4th	National	Pakistan	
		5. Knowledge, Attitude and Practice of	2020	Annals of King Edward	4th	National	Pakistan

Rehabilitation Specialists During the		Medical University.			
Pandemic of Novel Corona Virus. 6. Role of structured and supervised exercise programmes in peripheral		The Journal of the			
artery disease patients with and without claudication-A Systematic Review and Meta analysis. 7. Impact of Activity	2019	Pakistan Medical Association.	1st	National	Pakistan
Monitors on Quantification of Physical Activity-A Systematic Review & Meta Analysis. 8. Effects of	2019	Indo Am. J. Pharm. Sci	4th	International	India
spinal mobilization techniques in the management of adolescent idiopathic scoliosis-A meta-analysis.	2018	International Journal of Health Sciences	4th	International	Saudia Arabia
9. Determining the potency of cardiac rehabilitation phase -II in CVD patients with comorbidities.	2018	Pakistan Journal of Rehabilitatio n	2nd	National	Pakistan
10. Effect of NDT in	2017	Pakistan Journal of	1st	National	Pakistan

		improving motor dysfunction using GMFM SCORE 66 and 88 as assessment tools.		Rehabilitatio n			
		11. Analyzing spinal curves for prolong sitting in university going students.	2015	European International Journal of Science and Technology	5th	International	Europe
		12. Back to the grass root.	2014	Pakistan Journal of Rehabilitatio n	1st	National	Pakistan
		1. Salivary miRNA 18a-5p Expression Level in Oral Squamous Cell Carcinoma	2022.00	Pakistan Journal of Medical & Health Sciences	1st	National	Pakistan
	Dr.	2. Evaluation of Clinical and histopathologic al diagnosis of Oral potentially malignant disorders	2023	Journal of Xi'an Shiyou University, Natural Science Edition	2nd	International	China
2	Mukesh Kumar	3. Functional Outcomes of Pectoralis Major Myocutaneous Flap for Reconstruction in Head and Neck Surgeries	2023	Medical Forum Monthly, Pakistan	3rd	National	Pakistan
		4. Exploring Risk Factors and Management	2024	Journal of Population Therapeutics and Clinical	1st	National	Pakistan

		Strategies for Gastrointestina I bleeding Leading to Reduced Hematocrit and Blood Transfusion Requirement		Pharmacolog y			
		1. Assessment of the Health- Related Fitness among Healthcare Professionals	2024	Allied Medical Research Journal.	5th	National	Pakistan
3	Dr Huma Bukhari	2. Awareness regarding physical therapy rehabilitation protocol following total knee replacement among physical therapists in Karachi, a cross-sectional survey	2024	Allied Medical Research Journal.	3rd	National	Pakistan
		3. Understanding the Role of Physical Therapists and Students in Promoting Physical Activity: A Cross- Sectional Study of Readiness and Perceived Challenges	2024	Journal of Health and Rehabilitatio n Research	2nd	National	Pakistan



COLLEGE OF MEDICAL TECHNOLOGY KARACHI CAMPUS

ABOUT COLLEGE

Established in 1998, Ziauddin College of Medical Technology has carved a niche for itself in the field of medical technology. We began our journey by offering a two year Bachelor of Science (B.Sc.) program in Medical Technology. Since then, ZCMT has been on a continuous path of evolution, constantly upgrading its programs and offering new programs that are able to meet the scientific and professional requirements of healthcare systems.

Our commitment to excellence extends beyond curriculum. We use innovative and engaging teaching practices that impart competence in experimental techniques. Our assessments are standardized that ensures that students are capacitated to become functional in healthcare teams.

At ZCMT we understand the aspirations of our students who dream of pursuing international licensing or postgraduate studies. We provide comprehensive support to help them achieve their goals. Our programs are weighted by the higher education commission of Pakistan.

PRINCIPAL OF THE COLLEGE

Dr. Avesha labal

Principal, College of Medical Technology, Ziauddin University

FACILITIES

- Research support (from idea conception to publication)
- Collaborations within the university and constituent hospitals
- Departmental research committee
- Alignment with Ziauddin University's research bodies

RESEARCH ACTIVITIES

In 2024 ZCMT conducted workshop on Biosafety which attracted over 100 participants. It included hands on activities which became the highlight of workshop.

Alumni experiences and mentoring events were organized in collaboration with the student council of ZCMT to apprise the current students with latest requirements in international postgraduate and licensing pathways.

PROJECTS AND GRANTS

During the year 2024 ZCMT applied for seven grants offered by HEC Pakistan and eleven projects were submitted to other national and international organisations.

PUBLICATIONS:

Title	Journal Public Year	Main Author	Main Author Sequence	Co-Authors	Institute Affiliation s	Affiliations
The Effect of Curcuma Longa on Respiratory Tract Isolates: A Potential Natural Therapeutic Agent	2024	Humera Rashid Fariha Ibrahim	Humera Rashid Fariha Ibrahim Mehwish Faiz Qamar Un Nisa Naz S.I Asma Ansari Faria Fatima	Fariha Ibrahim Mehwish Faiz Qamar Un Nisa Naz Asma Ansari Faria Fatima	Ziauddin University	Pakistan Medical and Dental Council, and the Higher Education Commission, Pakistan (HEC).
Synergistic Effect of Pakistani Honey with Black Seeds against Food Borne Pathogens	2024	Fariha Ibrahim	Fariha Ibrahim Mahnoor Fatima Shiza Ali Humera Rashid	1 Mahnoor Fatima 2 Shiza Ali 3 Humera Rashid	Ziauddin University	Journal of Health and Rehabilitation Research

COLLEGE OF MEDICAL TECHNOLOGY SUKKUR CAMPUS

A New Era in Healthcare Education for Sukkur!

Ziauddin College of Medical Technology (ZCMT) Sukkur, a beacon of excellence endorsed by the Higher Education Commission (HEC) of Pakistan, proudly marks its inaugural year. We are thrilled to have welcomed our first cohort of aspiring medical technologists to our state-of-the-art campus.

KEY ACHIEVEMENTS:

HEC Endorsement:

A testament to our commitment to quality education and adherence to rigorous academic standards.

Inaugural Batch Enrollment:

Successfully enrolled the first batch of students in the BS Medical Technology program.

Cutting-Edge Facilities:

Equipped with modern laboratories, well-stocked libraries, and advanced teaching aids to provide an enriching learning environment.

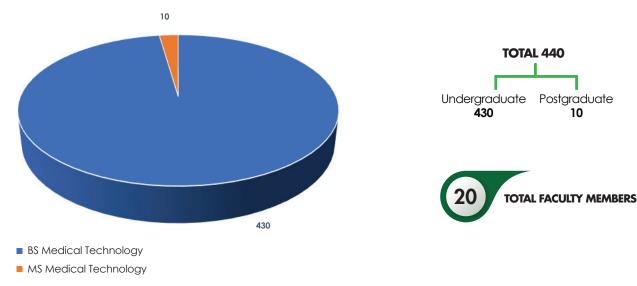
Integrated Learning:

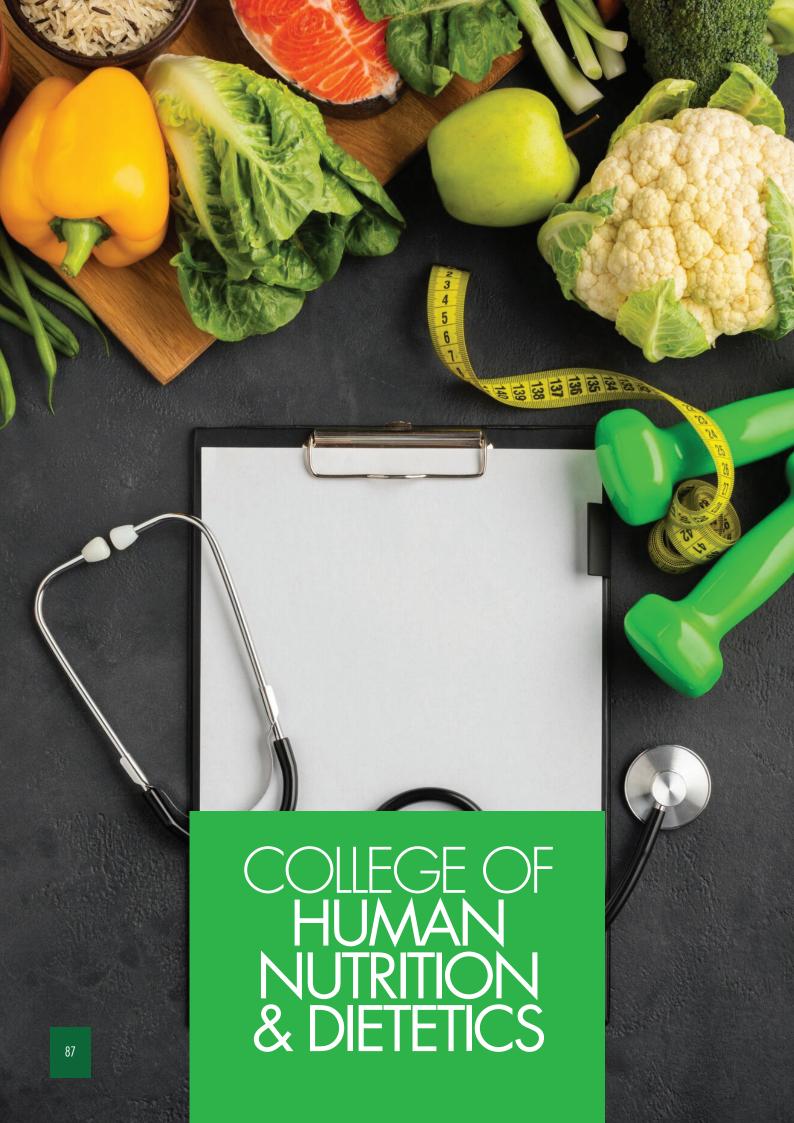
Unique in Sukkur, ZCMT offers a distinctive advantage by seamlessly integrating theoretical learning with hands-on clinical practice within our own facilities.

Industry Collaborations:

Building strong partnerships with leading healthcare institutions in Sukkur to enhance student exposure to real-world clinical settings and expand career opportunities.

NUMBER OF STUDENTS ENROLLED





COLLEGE OF HUMAN NUTRITION & DIETETICS

ABOUT COLLEGE

The Department of Human Nutrition and Dietetics at Ziauddin University was established in the year of 2020 under the Faculty of Eastern Medicine & Natural Sciences. Now, it has grown and evolved to become a full-fledged college, proudly situated in the Faculty of Allied Health Sciences. The college aims to provide quality education in the undergraduate and postgraduate programs and transform the students into internationally competent professionals. Currently, the College of Human Nutrition and Dietetics at Ziauddin University is the only institute in Karachi that offers admissions to MS & Ph.D. programmes in the discipline of Human Nutrition & Dietetics.

PRINCIPAL OF THE COLLEGE

Dr. Musarat Jahan

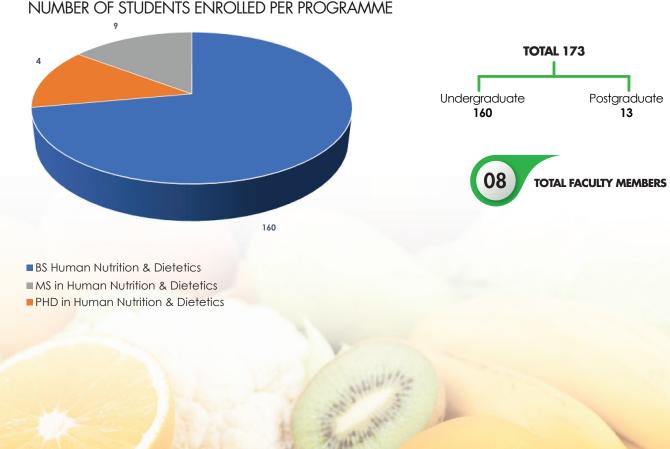
Acting Principal, College of Human Nutrition and Dietetics, Ziauddin University

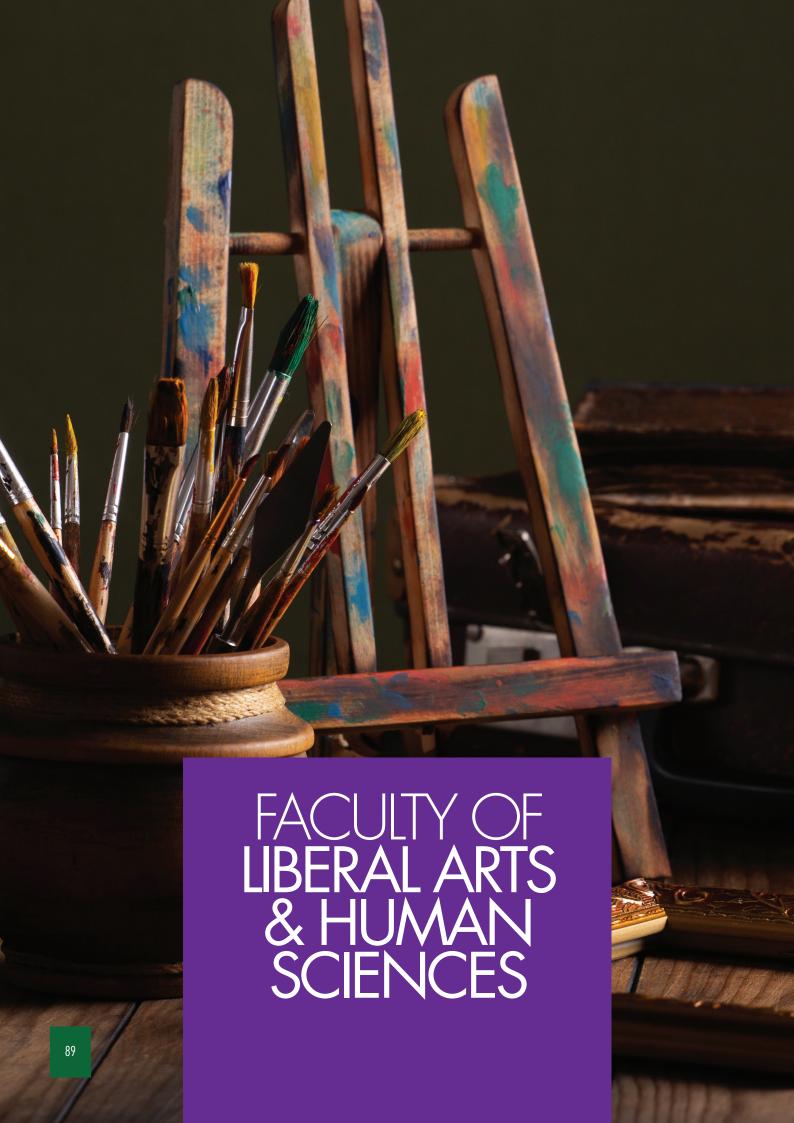
FACILITIES

Lecture Halls 03 Labs 2

RESEARCH ACTIVITIES

Throughout the year, various impactful activities were conducted, including an awareness walk and seminar on Breast Cancer, a community visit to Igra University Schooling System for a session on "From Plate to Performance," workshops like e-Library Access, a seminar, poster competition, and product display on "Food Sustainability: A Collective Responsibility," a seminar on Irritable Bowel Syndrome in collaboration with HANDS, a field trip to Shireen Jinnah Colony's community healthcare centre, and a visit to Ziauddin Hospital's Nutrition and Food Service Department.





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 globalized and increasingly technological world. Ziauddin University has always recognized the importance of other disciplines and established the liberal arts education just recently. 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 three colleges; College of Media Sciences (ZCOMS), College of Languages, Literature and Culture (CLLC) and College of Education (COE).

- College of Media Sciences imparts knowledge about people through aesthetic impression. An appreciation of visual design, fine arts and performing arts transcends all disciplines and is fundamental to human nature.
- College of Languages, Literature & Culture stimulates students to raise questions about their roots, their present situation, and 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.
- College of Education facilitates in 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.

FLAHS teaches those skills, 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 to fulfill 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

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





COLLEGE OF MEDIA SCIENCES

ABOUT COLLEGE

Ziauddin College of Media Sciences (ZCOMS) caters to the growing needs of Pakistan's media industry. As the industry continues to grow exponentially, there is a surge in demand for qualified media professionals with academic and practical knowledge of the industry. ZCOMS is unique in that it has state-of-the-art production facilities, a live FM radio channel, and an affiliated digital media agency, where students can apply their in-class theory and gain practical experience during their four years well before starting their careers. The undergraduate academic programs cover a variety of liberal arts and technically-oriented subjects including theoretical, analytical, and practical application approaches to communication process and media. At the end of the four-year program, the graduates are equipped with the necessary technical and professional skills that exceed the qualification for jobs offered to undergraduate students in media institutions.

The College strongly believes in social, economic and ethnic diversity, and as such aims to provide quality education to students of all backgrounds. ZCOMS aims to develop the students' understanding and appreciation for the culturally diverse worlds that we live in, so they are able to reach their highest intellectual and human potential. Our undergraduate programmes, through a broad and balanced curriculum lays great emphasis on high-quality education and creative solutions leading to the professional, moral, intellectual and social development of each individual.

FACILITIES

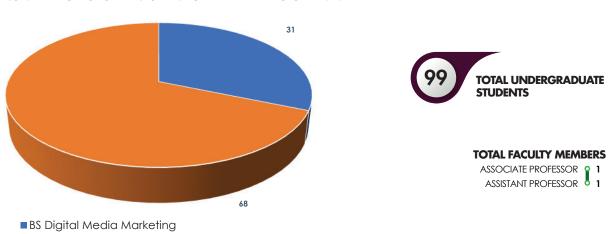
Campus Radio, ZU FM 98.2 Film & TV Production Facilities Sound & Audio Facilities Fully Equipped Computer Labs and Lecture Halls Digital Media Agency

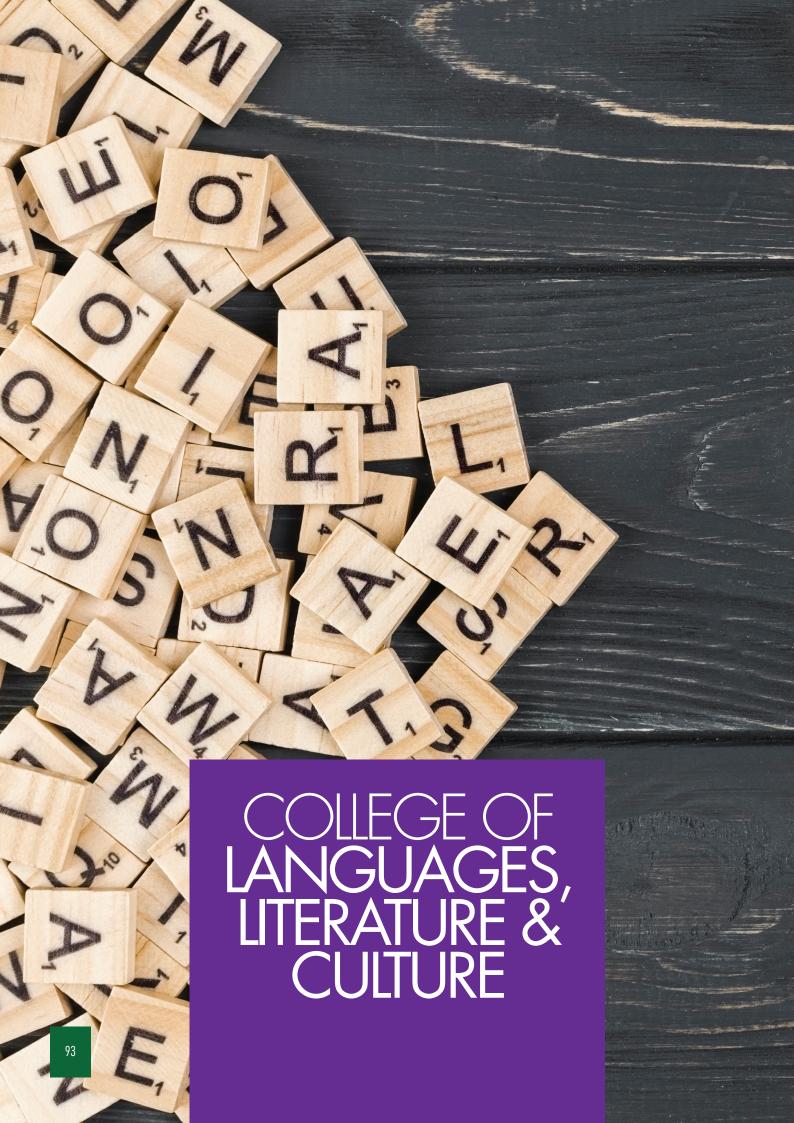
MOU WITH KARACHI ARTS COUNCIL

Ziauddin College of Media Sciences and Karachi Arts Council have come together to formalize their partnership through a Memorandum of Understanding (MOU), on 28th November 2024, marking a significant milestone in fostering collaboration between academia and the arts. This agreement aims to leverage the strengths of both institutions to promote cultural enrichment, academic excellence, and community engagement. Through this MOU, both organizations will work jointly to organise cultural events, workshops, and seminars, providing a platform for students and professionals to showcase and refine their talents. Additionally, the partnership will encourage research initiatives and collaborations that bridge the gap between education and the arts, contributing to the vibrant cultural landscape of Karachi.

This collaboration underscores a shared commitment to nurturing creativity, innovation, and intellectual growth, setting the stage for impactful contributions to society.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME





COLLEGE OF LANGUAGES, LITERATURE & CULTURE

ABOUT COLLEGE

The College of Languages, Literature & Culture at Ziauddin University Faculty of Liberal Arts & Human Sciences focuses primarily on the study and teaching of culture, languages, and linguistics. It offers BS English and BS Social Change & Development Programme. The college engages in developing empowered individuals able to deal with the complexities of life and society using critical thinking, communication skills, and a problem-solving approach, besides an appreciation of diversity in cultures and peoples for promoting tolerance and peace in a globalised world.

Within the CLLC, there is "The Language Centre" (TLC), which renders services of English compulsory courses through the HEC-approved guidelines for all the undergraduate programmes of Ziauddin University.

FACILITIES

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

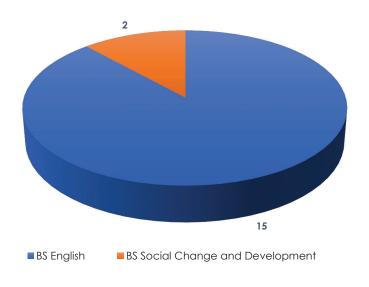
RESEARCH, COLLABORATIONS, AND ACADEMIC ENGAGEMENTS

The College of Language, Literature, and Culture (CLLC) achieved significant milestones this year, including signing an MoU with Aga Khan University-Institute for Educational Development (AKU-IED) to strengthen academic and cultural cooperation. Panel discussions covered pivotal topics such as "Ode to the Leading Women: Challenging Gender Stereotypes for an Inclusive Society," "The Role of Civil Society in Driving Social Change," and "From Classroom to Boardroom: Applying Skills in Industry." Additionally, the grant proposal "The Role of Freedom of Expression in Fostering Creativity and Innovation" was submitted to the Foundation for Individual Rights and Expression (FIRE).

PUBLICATIONS

S. No	Title of the Paper	Main Author	Co-Authors	Journal Name	Volume	Year	Affiliations	HEC category
1.	The complete life of the Holy Prophet (PBUH) in the perspective of the Qur'an	Muhammad Taqi	Dr. Syed Muzaffar Hussain	Journal of Bayan-ul- Hikmah	9	2023	CLLC	Y- category
2.	A Research Review on the Importance and Usefulness of Sirat Tayyaba in Modern Times	Dr. Syed Muzaffar Hussain	Wajid Ali Wajidi	Journal of Bayan-ul- Hikmah	10	2024	CLLC	Y- category

NUMBER OF STUDENTS ENROLLED

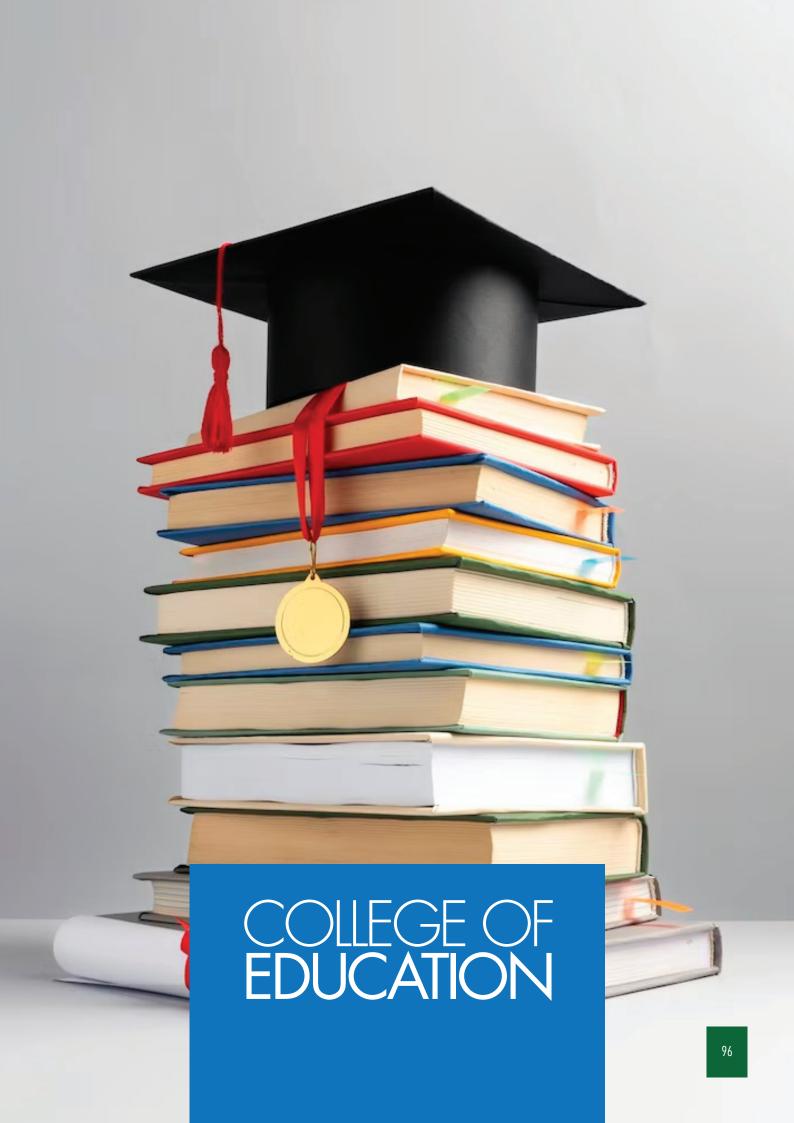




TOTAL FACULTY MEMBERS

Assistant Professors
Senior Lecturers
Lecturers
TLC Lecturers
10





COLLEGE OF EDUCATION

ABOUT COLLEGE

The College of Education at Ziauddin University, a highly regarded institution in the field of education, is 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.

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.

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

Bachelors in Education (B.Ed.)
Associate Degree (2 years)
BS Education & Psychology (4 years)

NEW PROGRAMME LAUNCH: MPHIL IN EDUCATION

The College of Education successfully launched the MPhil programme in 2024, focusing on research and integrating eastern and western educational theories, attracting talented candidates.

FACILITIES

Cooperative Learning Classrooms IT Labs Reading Space

ACADEMIC & RESEARCH ACTIVITIES

Inter-University Consortium: 1st Meeting

The consortium aimed to secure funding, support policy-making in school and teacher education, explore joint research, and promote capacity building for teacher educators. Key discussions included aligning B.Ed. courses, sharing ECCE resources, and facilitating joint seminars and conferences. Consortium members included Ziauddin University, Karachi University, AKU-IED, IoBM, IQRA University, SZABIST, and FUUAST.

Guest Speaker Lecture

The College of Education hosted a thought-provoking lecture by Dr. Muhammad Babur on the topic, Unravelling the Nexus: Organisational Learning Power and Corruption in Public Sector Management. The lecture's objectives were to examine possible intervention strategies to improve efficiency and lessen corruption, as well as to talk about how public sector organisations function.

Convocation Ceremony Highlights

The annual convocation of Ziauddin University was a momentous occasion, celebrating the achievements of its graduates. One distinguished candidate was awarded a gold medal, while another was recognised as a High Achiever. The event highlighted the university's commitment to academic excellence and student success.

Accreditation Milestone

The College of Education successfully applied for Zero Accreditation for its B.Ed. 1.5 Years degree

programme, designed for students who have completed 16 years of academic study. In November, the programme underwent a rigorous evaluation and received accreditation, marking a significant milestone in the college's journey toward quality education.

Collaborations with the Government Sector

The College of Education conducted training sessions with teachers and leaders of The Public School and College, Central Karachi.

School Improvement Support

Support initiatives at Quaid-e-Azam Public School and College, Malir, focused on digitising teaching practices and enhancing educational standards.

Policy Planning Project

Collaborated with the Sindh Government on a policy planning project for teacher licensing, recruitment, and restructuring teacher education in the province.

Subsidised Fee Programme

Offered a subsidised fee structure for newly hired Primary School Teachers (PSTs) and Junior School Teachers (JSTs) enrolling in the Post Graduate B.Ed. (Honors) 1.5-year programme. This work-based learning model combines Saturday theory classes with five days of school-based practice.

Review of B.Ed. 1.5-Year Programme

As a member of the Teaching Licensing Policy and an educationist member at STEDA, our faculty member collaborated with Durbeen, AKU-IED, NACTE, and Sindh HEC to review the B.Ed. 1.5-year programme. This group assessed the current curriculum offered by universities and is now developing a unified curriculum. Ziauddin University was the first to introduce the programme, and within 1.5 years, 10 students successfully graduated.

New PSP School

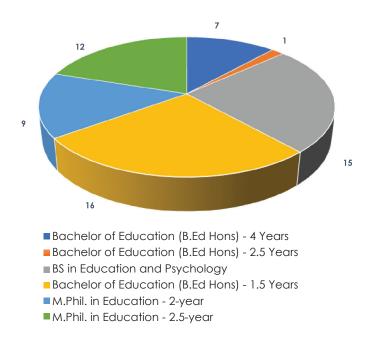
The College of Education (CoE) developed an RFP for PSP schools in Tando Muhammad Khan and Bhit Shah. Ziauddin University was awarded the Bhit Shah project, which is currently under construction. The academic term is expected to begin in 2026.

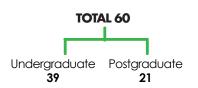
Research Grants

College of Education is active in applying for grants This academic year following grants were awarded A grant of Rs 11,50,000 from JUCA to integrate LSBE DRR and Culture and Heritage Curriculum in different school subjects

Another grant of the same amount is given by a firm MDC for developing quality assurance and accreditation frameworks and a small grant of Rs 500, 000 for reviewing the EGMA report

NUMBER OF STUDENTS ENROLLED PER PROGRAMME





TOTAL FACULTY MEMBERS

PROFESSOR ADJUNCT FACULTY
ASSISTANT PROFESSOR SENIOR LECTURER 1





FACULTY OF VETERINARY & ANIMAL SCIENCES

DEAN'S MESSAGE

The livestock sector in Pakistan contributes about 60.80 percent of the agriculture value addition and 14.63 percent to the GDP during the financial year 2024. More than 8 million rural families are engaged in livestock production, driving around 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

- Well-equipped experimental labs meeting international standards are available for hands-on training in Veterinary Physiology, Biochemistry, Anatomy, Histology, Microbiology, Pathology, Parasitology, Poultry Sciences, Animal Nutrition, and Veterinary Pharmacology.
- Spacious, fully air-conditioned lecture halls equipped with audio-visual aids.
- An air-conditioned library with textbooks meeting Pakistan Veterinary Medical Council requirements and internet access for students.
- Maintenance of experimental animals, including buffaloes, cattle, camels, goats, monkeys, and rabbits.
- An aviary with various bird species such as parrots, cockatoos, Aseel chickens, ducks, bluebirds, lovebirds, peacocks, and turkeys.
- A fully operational animal clinic.

ANIMAL HOSPITAL SERVICES INITIATED

Number of Workshops attended

The Faculty of Veterinary and Animal Sciences launched comprehensive veterinary services, including medicine, surgery, and breeding management, to support livestock and poultry farmers with advanced care and innovative practices.

ACADEMIC ACTIVITIES

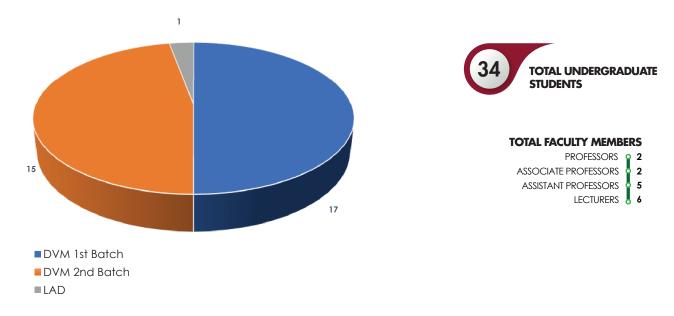
Number Of Conferences attended	01
Number Of Trainings attended	02
Number of Seminar attended	03

02

LIST OF PUBLICATIONS

- 1. Muhammad Wasim Usmani, Farzana Rizvi, Muhammad Kashif Saleemi, Muhammad Zeeshan Ahmad, Muhammad Numan, Muhammad Zulqarnain Shakir, Nasir Mahmood, and Jahanzeb Tahir A study of the immunomodulatory effects of coconut oil extract in broiler experimentally infected with velogenic Newcastle disease Virus. J. of Animal Bioscience Vol. 37 No. 10, pp. 1809 to 1819.
- 2. Ali, Waseem, Rehana Shahnawaz Buriro, Jameel Ahmed Gandahi, Yan Chen, Zain ul Aabdin, Sahar Bhutto, Jian Sun, Jiaqiao Zhu, Zongping Liu, and Hui Zou. "A critical review on male-female reproductive and developmental toxicity induced by micro-plastics and nanoplastics through different signaling pathways." Chemico-Biological Interactions (2024): 110976.
- 3. Yaseen, M. A., W. Iqbal, S.A. Bhatti, M. S. Rehman, A. Subhani, M. Shoaib, M. A. Rehman, M UYaqoob. 2024. Dietary supplementation of protease and organic acid in poultry by-product meal-based diet in broilers. Animal Biosci. 37(12):2145-2154 https://doi: 10.5713/ab.24.0136

NUMBER OF STUDENTS ENROLLED PER PROGRAMME







FACULTY OF PHARMACY & PHARMACEUTICAL SCIENCES

DEAN'S MESSAGE

The Faculty of Pharmacy and Pharmaceutical Sciences has completed two decades of its inception and has become one of the best private institutions in Pakistan. We are proud to share the achievements during the 2023-2024 calendar year:

92 undergraduate students received Pharm-D degrees.

02 MPhil and 04 Ph.D. degrees were awarded in different disciplines of Pharmacy.

Opening of Sukkur Pharmacy Campus (60 seats) after the approval of Pharmacy Council of Pakistan

Successful CIEC visit of the Faculty of Pharmacy and Pharmaceutical Sciences.

Industrial visits for final-year students.

Conducted workshops, seminars, and lectures for faculty members and students, featuring experts from the field.

Signed Memorandums of Understanding (MoUs) with various industries to foster collaborations.

Celebrated Independence Day with enthusiasm

On World Pharmacists Day, we organised a two-day Research Expo and Symposium, which included a discussion panel and a poster competition.

Hosted a Blood Camp at Ziauddin University's Link Road Campus in collaboration with Indus Hospital, where faculty and students actively participated.

Ziauddin Faculty of Pharmacy & Pharmaceutical Sciences is dedicated to teaching & research excellence and is committed to shaping the future of our students. We aim to see our undergraduates and graduates explore new opportunities and greater achievements as we continue this journey together.

Prof. Dr. Raheela Ikram

Dean, Faculty of Pharmacy & Pharmaceutical Sciences, Ziauddin University

COLLEGES

- College of Pharmacy (Karachi & Sukkur)
- College of Pharmaceutical Sciences



RESEARCH PROPOSALS SUBMITTED FOR FUNDING

(From non-HEC Source - National or International)

(From	rom non-HEC Source - National or International)									
SN	Name of Research Grant	National or Internation al	Name of PI with Designation and Department	Thematic Area	Title of Research Proposal	Durati on (Startin g and Ending Date)	Total Funding Request ed (Rs.)			
1	Mizutani Foundation for Glycoscience	Internation al	Dr. Ghulam Abbas, Professor, Dept of Pharmacology, Faculty of Pharmacy	Anti- Glycation / Anti-ageing Research	Preclinical Evaluation of Potential Lead Molecule Against Glycative Stress: A Repurposing Approach	2024	US\$ 19800/-			
2	Global Innovation Fund	Internation al	Adeel Arsalan	formulation development	THE EFFECT OF MOXIFLOXACI N ON PHOTOLYSIS OF RIBOFLAVIN	12 month s	0.5 million			
3	The Pollination project	Internation al	Prof. Dr. Nudrat Fatima, Dean Faculty of Pharmacy	Pharmacog nosy	Using 3R Technology to save environment	03- Oct-23	\$1,000			
4	Peace Grants	Internation al	Prof. Ghulam Abbas, Department of Pharmacology, Faculty of Pharmacy	PT\$D	Preclinical Evaluation of enriched environment on extinction learning in rats	1 year	25000 U\$\$			
5	National Health Challenge Grants (NHCG)	National	Dr, Saba Majeed, Assistant Professor, Department of Pharmacology	Clinical safety	Clinical Safety, Efficacy and Cost effectiveness of Aspart and Glargine Insulin versus NPH and Regular insulin in Type 1 diabetic Patients	1 year	Up to 10 million Rs/-			

6	Nutriset Research Development Grant 2024	Internation al	Dr. Maria Ashfaq, Assistant Professor, Department of Pharmaceutics	Health Sciences	Implementing Comprehensi ve Nutritional Care Programs for Adults at Risk of Disease- Related Malnutrition in Impoverished Regions of Karachi, Pakistan.	1 year	6500 Euros
7	Nutriset Research Development Grant 2024	Internation al	Ms. Sanobar Kamal, Assistant Professor, Department of Pharmacognosy	Health Sciences	Investigating the Impact of malnutrition in under privilege areas: Calcium and Iron Deficiencies in Vulnerable Populations	1 year	6500 Euros
8	Early Career Conference Grants	Internation al	Dr. Mehwish Yasir	Medicinal Plants	World Congress of medicinal plants and natural product	-	-
9	TDR Impact Grants for Implementation Research in Infectious Diseases of Poverty	Internation al	Sidra Tanwir, Assistant Professor, Department of Pharmacology, Faculty of Pharmacy and Pharmaceutical Sciences	Antibiotic Resistance	Prevalence Of Antimicrobial Resistance In Rural Areas Of Pakistan; In Context Of Gender And Poverty	Jan 2025 to July 2025	10,000\$
10	RASTA CGP 7.0.	National	Prof. Dr. Nudrat Fatima, Principal Faculty of Pharmacy and Pharmaceutical Sciences	Environment al Sciences	Experimenting green building technology on small scale for environmental benefits	9 month s	
11	Discovery Grants (BD2 call)	Internation al	Dr Saba Majeed	Neuroscienc e/ Bipolar Disorder	Exploring the role of LPA signaling in	24 Month s	\$137,00 0

PUBLICATIONS:

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Sno.	Title	Journal	Publication Year	Main Author	Main Author Sequence	Co-Authors	Affiliation
1.	Increased Antimicrobial Resistance Against Azithromycin During COVID: Role of Irrational Utilization	J Pak Med Assoc	2024	Sidra Tanwir	1	Arif Sabah, Ambrina Khatoon, Faisal Iqbal Afridi	Ziauddin University
2.	Neurogenin-2 Induced Neuronal Differentiation In Co-Cultured Bone Marrow Stromal And Neonatal Cortical Cells.	J Pak Med Assoc, JPMA	2024	Saba Majeed	1	Aisha Aziz, Kanwal Iffikar, Shabana Usman Simjee	Ziauddin University
3.	The Beneficial Effect Of Allium Cepa Bulb Extract On Reproduction Of Rats; A Two-Generation Study On Fecundity And Sex Hormones	Plos one	2024	Saba Majeed	5	Suri, Sadia, Saira Saeed Khan, Sadaf Naeem, Zeb Un Nisa, Nausheen Alam	Ziauddin University
4.	Mangiferin Produces Proneurogenic and Neuroprotective Effect By Attenuating H2O2 Induced Oxidative Stress In Primary Rat Hippocampal Npcs	Journal of survey in Fisheries Sciences	2023	Saba Majeed, Sadia Kashif	2,8	Hiba Kanwal, Qurratulain leghari, Asgher Ali	Ziauddin University
5.	Prevalence Of Smoking Habbit And Associated Factors Among The Students Of Public Sector Universities I Karachi	Journal of education and social studies	2023	Uroos Qazi	2	M.shoaib shah, Afaq Ahmed siddiqui, Iqbal Azhar	Ziauddin Univeristy
6.	Clinical Effectiveness Of Insulin Glargine & Aspart Versus Nph & Regular Insulin Régime In Type 1 Diabetic Patients Of Pakistan	Jounal of population therapeutics and clinical Pharmacology	2024	Saba Majeed	2	Zahid Shehzad Siddiqui, , Shaguffa Sikander, Tauseef Ahmed, Sadia Kashif, Aisha Aziz, Syed Ali Jasim Rizvi	Ziauddin University
7.	A Research Study on The Carnal Evaluation And Early Domino Effect Of Routinely Ventilated Children In Fatima Memorial Hospital Lahore	Neuroquatology	2023	Saba Majeed		Khalid, H., Raza, A., Khawaja, D. A., Ayaz, M., ., & Qamar, N	Ziauddin University
8.	Fertility-Enhancing Effects of Prunus Amygdalas Oil On Reproductive Functions Of Male Rats: A Two- Generation Study.	Avicenna Journal of Phytomedicine	2024	Sadia Kashif	1	Sadaf Naeem, Saira Khan, Aisha Razzaque	Ziauddin University
9.	The Beneficial Effect of Allium Cepa Bulb Extract On Reproduction Of Rats; A Two-Generation Study On Fecundity And Sex Hormones	Plos one	2024	Sadia Kashif	1	Saira Saeed Khan, Sadaf Naeem, Zeb Un Nisa, Nausheen Alam, Saba Majeed, Rafeeq Alam	Ziauddin University
10.	Shark Fish Oil Prevents Scopolamine- Induced Memory Impairment in An Experimental Model	Metabolic Brain Disease	2024	Sadia Suri Kashif	6	Sadaf Naeem, Liaquat Ali, Saira Saeed Khan	Ziauddin University
11.	A Two Generational Reproductive Study to Assess The Effects Of Juglans Regia On Reproductive Developments Of Male And Female Rats	Brazilian journal of Biology	2023	Sadia Suri Kashif, Saba Majeed	1	Saira Saeed Khan, Sadaf Naeem, Saba Majeed, Nuzhat Sultana	Ziauddin University
12.	Clinical Effectiveness Of Insulin Glargine & Aspart Versus Nph & Regular Insulin Régime In Type 1 Diabetic Patients Of Pakistan	Jounal of population therapeutics and clinical Pharmacology	2024	Sadia Kashif	5	Zahid Shehzad Siddiqui, Saba Majeed, Shagufta Sikander, Tauseef Ahmed, Aisha Aziz, Syed Ali Jasim Rizvi	Ziauddin University
13.	Emerging Role Of Medicinal Herbs On Alzheimer's Disease And Memory Deficits." In Medicinal Plants- Harnessing the Healing Power Of Plants	Intech Open	2024	Sadia Kashif	4	Sadaf Naeem, Saira Khan, Yousra	
14.	Livestock Management: Reproductive And Other Health Issues	Animal Production and Health	2024	Sadia Kashif	1	Sadaf Naeem	
15.	Phloroglucinol Ameliorated Methylglyoxal Induced Harmful Effects in Rats	Naunyn- Schmiedeberg's Archives of Pharmacology	2024	Hammad Ahmed	1	Talha Bin Fayyaz, Najeeb Khatian, Shumaila Usman, Yamna Khurshid, Bushra Sikandar, Uzair Nisar, Syed Abid Ali & Ghulam Abbas	Ziauddin University
16.	Phloroglucinol Inhibited Glycation Via Entrapping Carbonyl Intermediates	Plos one	2024	Hammad Ahmed	1	Talha Bin Fayyaz, Najeeb Khatian, Shumaila Usman, Yamna Khurshid, Bushra Sikandar, Uzair Nisar, Syed Abid Ali & Ghulam Abbas	Ziauddin University
17.	Phytochemical Analysis and Anti- Nociceptive Activity Of Ethanolic Leaves Extract Of Crataeva Adansonii Dc In Rodents	Journal of Survey in Fisheries Sciences	2024	Hammad Ahmed	4	Mumtaz, Tayyaba, Ghazala H. Rizwani, Samina Sheikh, Hammad Ahmed, Nimra Khan, and Asma Eraj	Ziauddin University
18.	Assessing The Safety Profile of Carica Papaya Leaves And Seeds On Hepatic And Renal Function In Healthy Rabbits	Journal of Survey in Fisheries Sciences	2024	Hammad Ahmed	5	Asadullah, Mumtaz, Tayyaba, Maryam Inayat, Samina Sheikh, Hammad Ahmed, Ayesha Anis, and Zubia Begum	Ziauddin University

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19.	EI-GC-MS Analysis And Antidiabetic Activity Of Pedalium Murex Seed Oil.	Pakistan Journal of Pharmaceutical Sciences,	2023	Hammad Ahmed	8	Tahreem Mujtaba, Sohail Hassan, Amir Hassan, Shereen, Naba Mujtaba, Muhammad Asad Akbar, Qurat ulaen Ismail, Hammad Ahmed, Ahmed Shahid Mirza, Urooj Mushtaq and Muhammad Anique Azam	Ziauddin University
20.	In Vitro Drug-Drug Interaction of Metformin Hcl With Omeprazole And Lansoprazole	Journal of Hunan University (Natural Sciences!	2024	Nazia Tabbasum	5	Shereen, Sohail Hassan, Syed Ghulam Musharraf, Qazi Syed Iffikhar Hayat, syeda Tehreem, Syeda Rafia Zehra Rizvi, Iffat Sulfana, Yusra Khan	Ziauddin University
21.	A Mini Review of Phytoconstituents And Pharmacological Activities Of Citrullus Lanatus (Thunb.)	International Journal of Natural Medicine and Health Sciences	2023	Sanober Kamal	5	Ghauri Aymen Owais, Umbreen Farrukh, Nudrat Fatima, Sana Khalid, Sanober Kamal, and Iqbal Azhar.	Ziauddin University
22.	Apple and Pear Juices as Memory Boosters: Phytochemicals Analysis and Comparative Study between Natural Fruit Juices and Memantine	Bangladesh Journal of Medical Science	2023	Faiza Akhtar	4	Somia Gul, Rabia Badar, Qurratul-ain Leghari, Urooba Iqbal, Tahreem Zamir, and Bisma Batool	Ziauddin University
23.	Effect Of Lawsonia Inermis Linn in Treatment of Alopecia.	Journal of Xi'an Shiyou University, Natural Sciences Edition	2024	Sanober Kamal	6	Kanwal, Syeda & Wazir, Asma & Fatima, Nudrat & Ghauri, Ayeman & Rahat, Maria & Kamal, Sanober & Farrukh, Umbreen & Shuja, Saniya & Banaras, Fehmida.	Ziauddin University
24	Futuristic Trends In Medical Sciences	FOODS FOR MANAGING MULTIPLE DISEASES.	2024	Sanober Kamal	3	Dr. Aymen Owais Ghauri, Dr. Fatima Qamar, Ms.Sanober Kamal, Ms Maria Rahat, Ms Shazma Kanwal	Ziauddin University
25.	Phloroglucinol Ameliorated Methylglyoxal Induced Harmful Effects In Rats	Naunyn- Schmiedeberg's Archives of Pharmacology	2024	Ghulam Abbas	9	Talha Bin Fayyaz, Najeeb Khatian, Shumaila Usman, Yamna Khurshid, Bushra Sikandar, Uzair Nisar, Syed Abid Ali & Ghulam Abbas	Ziauddin University
26.	Phloroglucinol Inhibited Glycation Via Entrapping Carbonyl Intermediates	Plos one	2024	Ghulam Abbas	8	Talha Bin Fayyaz, Najeeb Khatian, Shumaila Usman, Yamna Khurshid, Bushra	Ziauddin University
27.	Post-Natal Antibiotic Exposure In Mother Rat (FO) Induces Anxiety Like Behavior In Adult Rat Offspring (F1) By Activating HPA Axis And Down- Regulating The N/3c1 Gene	Brazilian journal of Biology	2024	Ghulam Abbas	2	Noorulain Hyder, Ghulam Abbas, Ayaz Ahmed and Mudassar Azhar	Ziauddin University
28.	Fenugreek Seed Ethanolic Extract Inhibited Formation Of Advanced Glycation End Products Via Scavenging Reactive Carbonyl Intermediates	Heliyon	2023	Ghulam Abbas	9	Laila Anwar, Syed Abid Ali, Sana Khan, Mir Muhammad Uzairullah, Nazish Mustafa, Urooj Anwer Ali, Faheema Siddiqui, Huma Aslam Bhatti, Syed Jawad Rehmani and Ghulam Abbas	Ziauddin University
29.	Effect Of Leflunomide–Metal Complexes On ROS, TNF, And Brain Indolamines In Comparison With Anti- Depressants As Adjunct Therapy In Rheumatoid Arthritic Model	Biomedicines	2023	Ghulam Abbas	4	Almas Naeem, Noor Jahan, Moona Mehboob Khan, Ghulam Abbas, Faheema Siddiqui, Muhammad Usaid Khalid, Waqas Ahmed Farooqui	Ziauddin University
30.	Formulation And Testing Of Herbal Under Eye Serum Prepared From Citrullus Lanatus Fruit Extract	Journal of Population Therapeutics & Clinical Pharmacology	2024	Nudrat Fatima	3	Umbreen Farrukh, Iqbal Azhar, Nudraf Fatima, Masood Ahmed Khan, Shaista Hamid, & Sadaf Ibrahim.	Ziauddin University
31.	Application Of Atomic Absorption Spectroscopy To Determine Mineral And Heavy Metal Distribution Level Of Medicinal Plants	Journal of Analytical techniques and Research	2023	Bushra Hina	4	Bushra Hina, Ghazala –H- Rizwani,Uzma Naseeb, Ambreen Huma	Ziauddin University
32.	Influence Of Different Gelling Polymers On Dexibuprofen Gel Formulation: In-Vitro Characterization And Stability Profile	Pakistan Journal of Pharmaceutical Sciences.	2023	Mohammed Hanif	6	Hanif AM, Bushra R, Shafiq Y, Aslam N, Mughal MA, Huma A,	Ziauddin University
33.	Isolated Pattern Of Microorganism Among Pedicatric Patients With Ventilator-Associated Pneumonia (VAP) In A Tertiary Care Hospital Karachi	Journal of Pharmaceutical Research International	2023	Zeb-Un-Nisa	4	Faiza Khan a , Maqsood Ahmed Khan a , Shazia Alam a , Zeb-Un-Nisa a , Bisma Kafeel b , Shumail c , Sara Shafiq d , Muhammad Gulraiz e and Saira Shahnaz f*	Ziauddin University

34.	Effect Of Elettaria Cardamomum And Trachyspermum Ammi In Combination On Bilirubin In Acetaminophen-Induced Hepatotoxicity In Mice	Journal of Xi'an Shiyou University, Natural Sciences	2023	Amna Saeed	4	Saeed,A, Ibahim S, baig MT, Huma A, sheikh s, Jabeen A	Ziauddin University
35.	In-Vitro Antibacterial Activity Of Launaea Procumbens Against Oral Pathogens Streptococcus Mutans And Lactobacillus Casei	RADS Journal of Pharmacy and Allied Health Sciences.	2023	Nudrat Fatima	4	Mzna zafar, Sadaf Ibrahim, Mirza tasawer Baig, Nudrat Fatima	Ziauddin University
36.	Simultaneous Interaction, Degradation, And Kinetic Study Of Sparfloxacin With H2 Receptor Antagonist	Pakistan Journal of Pharmaceutical Sciences.	2023	Nazia Tabbasum	9	Shereen, Maria Qureshi, Iffat Sultana, Sohail Hassan, Amir Hassan, Sadia Iqbal, Fouzia Shafi, Qurat ul Aen Ismail, and Tahreem Mujtaba	Ziauddin university
37.	Evaluating The Anti-Alzheimer Potential Of Various Plants's Extracts And Their Fractions Through Modulation Of Insulin Fibrillation	Journal of Population Therapeutics & Clinical Pharmacology	2024	Muneeza Lodhi	6		Ziauddin University
38.	Association Of Sleep Duration And Quality With Cardiovascular Risk Factors In Pakistani Adults	Journal of Population Therapeutics &	2023	Muneeza Lodhi	6	Shaima S.M., Saif A.K., Maria T., Shumaila K	Ziauddin University
39.	The View Point Of Healthcare Professionals About Swallowing Difficulties For Medication In Patients	Journal of Population Therapeutics and Clinical Pharmacology	2024	Mirza Tasawer Baig		Fakhsheena Anjumj, Noor Jahan, Shamim, S., Sana Ghayas, Saima Mahmood, & Moona Mehboob	Ziauddin University
40.	Promoting Sleep Health With Herbal Tea: Development, Evaluation, And Anxiolytic Effects	Journal of Population Therapeutics & Clinical Pharmacology	2023	Nudrat Fatima	2	Mehwish Khan, Nudrat Fatima, Asma Wazir, Zuneera Akram, Hina Rehman Ansari, &Fatima Qamar	Ziauddin University
41.	Evaluation Of Anti-Epileptic Efficacy Of Combine Herbal Extract In An In- Vivo Model Of Epilepsy	Journal of Xi'an Shiyou University, Natural Sciences Edition	2024	Muneeza Lodhi	1	Zahida Memon, Shehla Shaheen	Ziauddin University
42.	Effect Of Lawsonia Inermis Linn In Treatment Of Alopecia.	Journal of Xi'an Shiyou University, Natural Sciences Edition	2024	Nudrat Fatima	3	Syeda Shazma Kanwal, W Asma Wazir, Nudrat Fatima, Ayman Owais Ghouri, Maria Rahat, Sanober Kamal, Umbreen Farrukh, Saniya Shuja, Fehmida Banaras	Ziauddin University
43.	Clinical Effects Of Subgingival Application Of Salvadora Persica Gel In Generalized Chronic Periodontitis	PAKISTAN JOURNAL OF MEDICINE AND DENTISTRY	2023	Zeb-un-Nisa	4	Tahira Hyder Saima Quraeshi Ashar Jamelle Zeb-un-Nisa	Ziauddin University
44.	The Beneficial Effect Of Allium Cepa Bulb Extract On Reproduction Of Rats; A Twogeneration Study On Fecundity And Sex Hormones	Plos one	2024	Zeb-un-nisa	4	Sadia Suri, Saira Saeed Khan, Sadaf Naeem, Zeb Un Nisa, Nausheen Alam, Saba Majeed, Suresh Kumar, Rafeeq Alam Khan	Ziauddin University
45.	Phloroglucinol Ameliorated Methylglyoxal Induced Harmful Effects In Rats	Naunyn- Schmiedeberg's Archives of Pharmacology	2024	Talha Bin Fayyaz	2	Hammad Ahmed, Talha Bin Fayyaz, Najeeb Khatian, Shumaila Usman, Yamna Khurshid, Bushra Sikandar, Uzair Nisar, Syed Abid Ali & Ghulam Abbas	Ziauddin University
46.	Phloroglucinol Inhibited Glycation Via Entrapping Carbonyl Intermediates	Plos one	2024	Talha Bin Fayyaz	2	Hammad Ahmed, Talha Bin Fayyaz, Najeeb Khatian, Shumaila Usman, Yamna Khurshid, Bushra Sikandar, Uzair Nisar, Syed Abid Ali & Ghulam Abbas	Ziauddin University
47.	Exploration Of Cytotoxic, Anticancer, Antiglycation And Hypoglycemic Effects Of Raphanus Sativus L. Var. Caudatus	Hamdard Medicus	2023	Talha Bin Fayyaz	6	Ishrat Younus, Afshan Siddiq, Sadia Gousia Baig , Rafia Sadaf , Zubia Begum , Talha bin Fayyaz , Laila Anwer and Noor ul ain	Ziauddin University
48.	A Mini Review Of Phytoconstituents And Pharmacological Activities Of Citrullus Lanatus (Thunb.).	International Journal of Natural Medicine and Health Sciences,	2023	Nudrat Fatima	3	Aymen owais, Umbreen Farrukh, Nudrat Fatima, Sana Khalid, Sanober Kamal, Iqbal Azher	Ziauddin University
49.	The Effect Of Sunlight And HpIn Mercury Fluorescent Lamp On Photodegradation Of Riboflavin In Aqueous Solutions	Journal of Population Therapeutics and Clinical Pharmacology,	2024	Maria Ashfaq	8	Nida Ghani, Adeel Arsalan, Mirza Tasawer Baig, Kiran Qadeer, Hina Abrar, Hina Yasin, Kaneez Fatima,	Ziauddin University

50.	Prevention Through Perception: Investigating The Role Of Cognitive- Behavioral Factors In Head Lice Control Among Karachi School Girls Application Of Health Believe Model	Journal of Population Therapeutics and Clinical Pharmacology	2024	Hira Arif	6	A Jabeen, MT Baig, S Ibrahim, N Pirzada, S Sheikh, H Arif, Q Pirzada	Ziauddin University
51.	Simultaneous Interaction, Degradation, And Kinetic Study Of Sparfloxacin With H2 Receptor Antagonist	Pakistan Journal of Pharmaceutical Sciences.	2023	Qurat-ul-Aen Ismail	8	Shereen, Maria Qureshi, Iffat Sultana, Sohail Hassan, Amir Hassan, Sadia Iqbal, Fouzia Shafi, Qurat ul Aen Ismail, Nazia Tabassum, and Tahreem Muitaba	Ziauddin University
52.	EI-GC-MS Analysis And Antidiabetic Activity Of Pedalium Murex Seed Oil.	Pakistan Journal of Pharmaceutical Sciences.	2023	Qurat-ul-Aen Ismail	7	Tahreem Mujtaba, Sohail Hassan, Amir Hassan, Shereen, Naba Mujtaba, Muhammad Asad Akbar, Qurat ul Aen Ismail, Hammad Ahmed, Ahmed Shahid Mirza, Urooj Mushtaq and Muhammad Anique Azam	Ziauddin University
53.	Phloroglucinol Inhibited Glycation Via Entraping Carbonyl Intermediatess	Plos one	2024	Uzair Nisar	7	Hammad Ahmed, Talha Bin Fayyaz, Najeeb Khatian, Shumaila Usman, Yamna Khurshid, Bushra Sikandar, Uzair Nisar, Syed Abid Ali & Ghulam Abbas	
54.	Phloroglucinol Ameliorated Methylglyoxal Induced Harmful Effects In Rats	Naunyn- Schmiedeberg's Archives of Pharmacology	2024	Uzair Nisar	7	Hammad Ahmed, Talha Bin Fayyaz, Najeeb Khatian, Shumaila Usman, Yamna Khurshid, Bushra Sikandar, Uzair Nisar, Syed Abid Ali & Ghulam Abbas	
55.	Nicotinic Acid Modulates Microglial TREM-2 Gene In Phytohaemagglutinin-Induced In Vitro Model Of Alzheimer's Disease Like Pathology	Brain Research	2023	Uzair Nisar	4	Aiman Amir, Maha Shahid, Sarosh Farooq Khan, Uzair Nisar, Shaheen Faizi, Shabana Usman Simjee	
56.	Phytochemical Analysis And Anti- Nociceptive Activity Of Ethanolic Leaves Extract Of Crataeva Adansonii Dc In Rodents	Journal of Survey in Fisheries Sciences	2024	Samina Sheikh	3	Mumtaz, Tayyaba, Ghazala H. Rizwani, Samina Sheikh, Hammad Ahmed, Nimra Khan, and Asma Eraj	
57.	Assessing The Safety Profile Of Carica Papaya Leaves And Seeds On Hepatic And Renal Function In Healthy Rabbits	Journal of Survey in Fisheries Sciences	2024	Sammina Sheikh	4	Asadullah, Mumtaz, Tayyaba, Maryam Inayat, Samina Sheikh, Hammad Ahmed, Ayesha Anis, and Zubia Begum	
58.	Comparative Study Of Compliance Between Sofosbuvir And Interferon In The Management Of Viral Hepatitis At Tertiary Care Hospital Of Gambat, Sindh, Pakistan	Journal of Pharmaceutical Research International	2024	Syed Adeel Ahmed Shah	8	Ali, Sajid and Ahmed, Zuheeb and Metlo, Marvi and Ahmed, Tahseen and Ali, Shahzad and Ahmer, Arslan and Qureshi, Muhammad Murtaza and Shah, Syed Adeel Ahmed	
59.	Effect Of Elettaria Cardamomum And Trachyspermum Ammi In Combination On Bilirubin In Acetaminophen Induced Hepatotoxicity In Mice	Journal of Xi'an Shiyou University, Natural Sciences	2023	Samina Sheikh	5	Amna saeed, Sadaf Ibrahim, Mirza Tasawer Baig, Ambreen Huma, Samina Sheikh, Aisha Jabeen	
60.	Impact Of Text Message Reminders On Drug Adherence In Post-Liver Transplant Patients.	Journal of Hunan University Natural Sciences	2023	Mirza Tasawer Baig	2	Sajid Ali, Mirza Tasawer Baig, Anwar Ejaz Beg, Shazia Alam, Syed Zia Ul Hasnain, Maryam Ahmed, Aurangzeb Khan, Ayaz Ali Khan	Ziauddin University
61.	Comparative Analysis Of Adverse Drug Reactions Between Interferon Alpha 2B And Sofosbuvir In The Treatment Of Hepatits C At GIMHS, Sindh, Pakistan	Journal of Pharmaceutical Research International	2024	Syed Adeel Ahmed Shah	9	Ali, Sajid and Metlo, Marvi and Ahmed, Zuheeb and Ahmed, Tahseen and Ahmer, Arslan and Abbassi, Muhammad Aslam and Samtio, Saima and Shah, Syed Adeel Ahmed and Lal, Sham and Arbani, Rashid Ali	Ziauddin University
62.	Prevention Through Perception: Investigating The Role Of Cognitive- Behavioral Factors In Head Lice Control Among Karachi School Girls Application Of Heath Believe Model	Journal of Population Therapeutics & Clinical Pharmacology	2024	Samina Sheikh	5	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Noorulain Pirzada, Samina Sheikh, Hira Arif , Quratulain Pirzada	

63.	A Prospective Study On Cephalosporin Consumption Pattern At Trust-Based Tertiary Care Hospital	Journal of Hunan University Natural Sciences	2023	Mirza Tasawer Baig	2	Awais Ahmed Juno, Mirza Tasawer Baig, Amber Noorani, Rabeeya Qutubuddin Siddiqui, Sajjad Ahmed Abbasi, Bilal Mustafa, Kirshan, Altaf Ali Mangi	Ziauddin University
64.	Histological Findings On Formulation And Stability Of Aa-21 In Alopecia On Chemotherapy Induced Alopecia Model Of Rat.	Journal of Population Therapeutics and Clinical Pharmacology	2023	Mirza Tasawer Baig	3	Shumaila Shaikh, Sadaf Ibrahim, Mirza Tasawer Baig, & Aneela Atta Ur Rahman	Ziauddin University
65.	Effect Of Elettaria Cardamomum And Trachyspermum Ammi In Combination On Bilirubin In Acetaminophen Induced Hepatotoxicity In Mice	Journal of Xi'an Shiyou University, Natural Sciences Edition	2023	Mirza Tasawer Baig	3	Amna Saaed, Sadaf Ibrahim, Mirza Tasawer Baig, Ambreen Huma, Samina Sheikh, Aisha Jabeen	Ziauddin University
66.	Evaluating Oa Patients' Knowledge And Dietary Habits To Understand Their Disease Management Practices	Journal of Tianjin University Science and Technology	2024	Mirza Tasawer Baig	3	BARKAT ALI, ZAHIDA MEMON, MIRZA TASAWER BAIG, MUHAMMAD LATIF, MARYAM AHMED, & SYED ZIA UL HASNAIN	Ziauddin University
67.	Assessment Of In-Vitro Cytotoxicity On Brine Shrimp Lethargy Bioassay Test Of Green Seaweed Codium Flabellatum	Journal of Tianjin University Science and Technology	2024	Mirza Tasawer Baig	3	TAHSEEN AHMED, AMBREEN HUMA, MIRZA TASAWER BAIG, MUNAWAR RASHEED, SYED SHAFQAT ALI SHAH,	Ziauddin University
68.	Alopecia Areata's Impact On Qol: Demographic & Clinical Links	Journal of Tianjin University Science and Technology	2024	Mirza Tasawer Baig	3	SHUMAILA SHEIKH, SADAF IBRAHIM, MIRZA TASAWER BAIG, UZMA SHAHID, MARYAM AHMED, SYED ZIA UL HASNAIN, NOORULAIN PIRZADA, & ABID KHAN	Ziauddin University
69.	Prevention Through Perception: Investigating The Role Of Cognitive- Behavioral Factors In Head Lice Control Among Karachi School Girls Application Of Health Believe Model	Journal of Population Therapeutics and Clinical Pharmacology	2024	Mirza Tasawer Baig	2	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Noorulain Pirzada, Samina Sheikh, Hira Arif, & Quratulain Pirzada.	Ziauddin University
70.	The View Point Of Healthcare Professionals About Swallowing Difficulties For Medication In Patients.	Therapeutics and Clinical Pharmacology	2024	Mirza Tasawer Baig	2	Fakhsheena Anjumj, Mirza Tasawer Baig, Noor Jahan, Shamim, S., Sana Ghayas, Saima Mahmood, & Moona Mehboob	Ziauddin University
71.	Pediculosis Humanus Capitis Prevalence As Health Problem In Elementary School Of Karachi Pakistan: A Community Based Study	Journal of Population Therapeutics and Clinical Pharmacology	2024	Samina Sheikh	5	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Nayel Syed, Samina Sheikh , Aiman Syed, Quratulain Pirzada, Noorulain Pirzada	Ziauddin University
72.	Characterization Of The Influence Of Bovine Serum Albumin (BSA) Upon The Electronic Properties And Surface Topography Of A Ti-3Cu Biomedical Alloy By Mott-Schottky Analysis (MSA) And Atomic Force Microscopy (AFM).	Analytical Letters,	2023	Aisha Jabeen	2	Muhammad Ali Siddiqui, Aisha Jabeen, Alidad Chandio, Sohail Tayyabd, Ke Yang	Ziauddin University
73.	Effect Of Elettaria Cardamomum And Trachyspermum Ammi In Combination On Bilirubin In Acetaminophen Induced Hepatotoxicity In Mice	Journal of Xi'an Shiyou University, Natural Sciences Edition	2023	Aisha Jabeen	6	Amna Saaed, Sadaf Ibrahim, Mirza Tasawer Baig, Ambreen Huma, Samina Sheikh, Aisha Jabeen	Ziauddin University
74.	Prevention Through Perception: Investigating The Role Of Cognitive- Behavioral Factors In Head Lice Control Among Karachi School Girls Application Of Health Believe Model	Journal of Population Therapeutics and Clinical Pharmacology	2024	Aisha Jabeen	1	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Noorulain Pirzada, Samina Sheikh, Hira Arif, & Quratulain Pirzada.	Ziauddin University
75.	Pediculosis Humanus Capitis Prevalence As Health Problem In Elementary School Of Karachi Pakistan: A Community Based Study	Journal of Population Therapeutics and Clinical Pharmacology	2024	Aisha Jabeen	1	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Nayel Syed, Samina Sheikh, Aiman Syed, Quratulain Pirzada, Noorulain Pirzada	Ziauddin University
76.	Piperidine derivatives: synthesis, pharmacological evaluation, and Insilco approach of novel potential analgesics in 4-amino methyl piperidine series.	Polycyclic Aromatic Compounds.	2023	Huma Naseem	1	Nousheen Mushtaq, Aamir Saeed, Nighat Shafi and Muniba Inam.	Ziauddin University

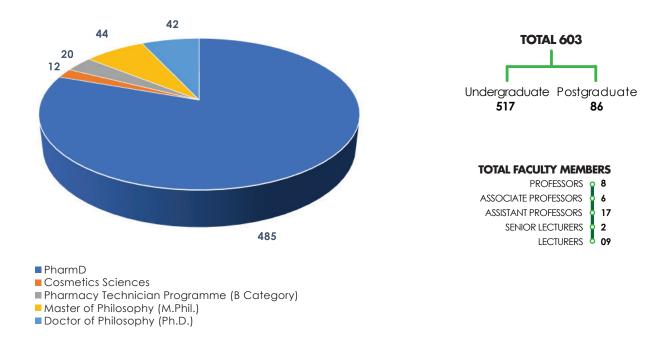
77.	Measurement of acefylline piperazine interaction and dissociation constants in polymer solvent systems.	Pakistan Journal of Analytical and Environmental Chemistry.	2023	Huma Naseem	4	Summiya Masood, Warda Rehman, Saima Tauseef, Noshab Qamar and Nighat Shafi.	Ziauddin University
78.	Synthesis, characterization, and antibacterial effectiveness of gemifloxacin C-3 modified amide analogs: A theoretical and experimental approach.	Journal of Molecular Structure	2024	Huma Naseem	2	Sana Shamim, Huma Naseem, Aamir Saeed, Somia Gul, Samia Kausar, Altaf Ali Ameen.	Ziauddin University
79.	Excessive whitening cream consumption: source of skin microbiota alteration and social burden	FUUAST Journal of Biology	2023	Huma Naseem	4	Kiran Rafiq, Shagufta Nesar, Shafaque Mehboob	Ziauddin University
80.	Impact of Nutraceuticals: Bridging the gap for the management of osteoporosis in female population in Karachi.	Pak-Euro Journal of Medical and Life Sciences.	2024	Huma Naseem	4	Kiran Rafiq, Shagufta Nesar, Shafaque Mehboob	Ziauddin University
81.	Antibacterial effects and molecular docking interactions of plant essential oils against drug-resistant bacterial pathogens: A comparative study.	FUUAST Journal of Biology,	2024	Huma Naseem	1	Hira Arif, Kiran Rafiq, Fatima Khurram, Ayisha Kamal, Muhammad.	Ziauddin University

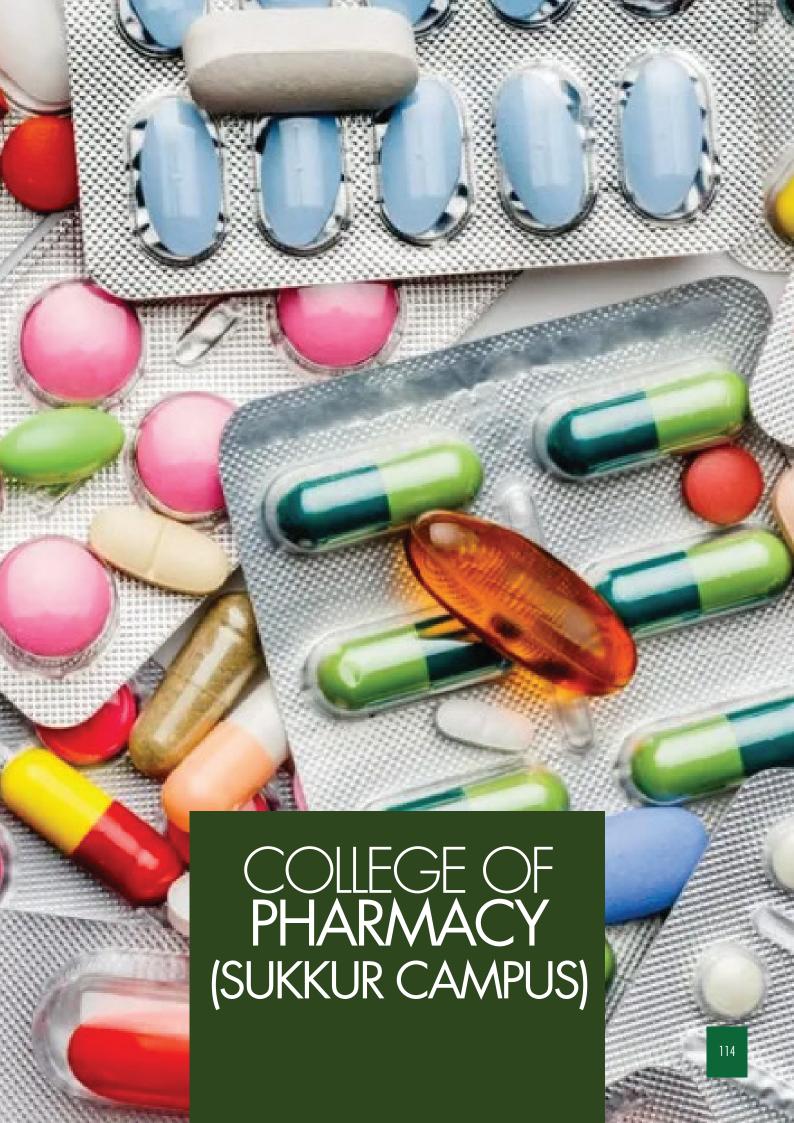
RESEARCH ACTIVITIES/WORKSHOPS/SEMINARS:

S.No.	Date	Title of Workshop/Seminar/events/Lecture	Nature	Speaker	Participants	Organized by
1.	9/8/2023	Lab on a Poster-II	Competition	-	1st,2nd,3rd, 4th, and 5th Year	Faculty of Pharmacy
2.	4/9/2023	A Session on Pharmacist Licensing Exam Abroad	Session	Dr. Hammad Ahmed	4th and 5th Year	Department of Pharmacology
3.	28-29/8/2023 1/9/2023	3 Days Workshop on Managing Bibliography by Advance Tools	Session	Dr. Nudrat Fatima, Dr. Rasheeda Fatima and Dr. Maria Ashfaq	4th Year	Dr. Rasheeda Fatima and Dr. Maria Ashfaq
4.	3/10/2023	Validation of Analytical Methods	Session	Dr. Zubair Anwar Associate Professor & Deputy Director Baqai Institute of Pharmaceutical Sciences Baqai Medical University	5th Year and Post Graduate	Dr. Samina Sheikh, Department of Pharmacy Practice
5.	6/10/2023	Managing Stress in the Workplace	Session	Dr. Imran Ahmed Shah Assistant Professor & Head of Department Shah Abdul Latif University	1st Year	Department of Pharmaceutics
6.	19/10/2023 20/10/2023	1st entrepreneurship 2-day symposium on Creative spirit of youth collaborative connections; exploring the power of team- based learning	Symposium	Muhammad Dawood Manager- Quality Assurance, Pharm Evo Pvt. Ltd Sohaib Rashid Senior Manager Human Resources, Pharm Evo Pvt. Ltd. Prof. Dr. Ghazala Hafeez Rizwani Director Hafiz Muhammad Ilyas Institute of Pharmacology and Herbal Sciences Hamdard University Mr. Liaquat Jawaid Chairman Morgan Group	3rd Year	Dr. Rasheeda Fatima and Dr. Maria Ashfaq
7.	24/10/23	Empowering Upcoming Professionals with Enhanced Skills	Session	Dr. M. Yasir Mubarak General Manager Marketing Metier (Sales & Marketing Partner of Brookes Pharma.)	5th Year	Department of Pharmacy Practice
8.	25/10/2023	Quality Management System in Pharmaceutical Industry	Session	Mr. Arif Ali Channa Head of Quality Assurance, Sanofi	4th Year	Department of Pharmaceutics
9.	26/10/2024	Drawing Chemistry- ChemDraw Workshop	Workshop	Dr. Faiza Akhtar and Dr. Quratul aen Ismail	3rd Year	Department of Pharmaceutical Chemistry
10.	27/10/2023	Halophytes as a Source of Medicine	Session	Dr. Salman Gulzar Director Dr. Muhammad Ajmal Khan Institute of Sustainable Halophyte Utilization University of Karachi	2nd Year	Department of Pharmacognosy
11.	31/10/2023	Role of Pharmacist in Government Sector	Session	Dr. Najeeb Khatiyan Assistant Director Directorate of Anti-Quackery Sindh Health Care Commission	2nd Year	Alumni Club, Faculty of Pharmacy
12.	30/10/2023	PBL Competition in 2nd Year	-	-	2nd Year	Dr. Rasheeda Fatima and Dr. Sidra Hassan
13.	2/5/2024	Resume Writing, Interview Preparation, and the Future of Pharmacists in UK	Seminar	Mr. Humair Ahmad, Regional Manager (Pakistan and Bangladesh), University of Sunderland, UK. Ms. Fatima Zakir, former Manager, HR	5th Year	Department of Pharmaceutical Chemistry

			ı			FRIP
14.	7/6/2024	First Response Workshop	Workshop	FRIP First Response Initiative of Pakistan	1st, 2nd,3rd, 4th,5th Year and BS cosmetics	Pharmacy Student Council Veterinary Student Council
15.	4/9/2024	Skincare in Summer	Session	Dr Ayesha Khan	1st Year, BS- Cosmetics	Faculty of Pharmacy and Pharmaceutical Sciences
16.	20/9/24	Use Heart for Action	Seminar	Dr. Yasmeen Fatima	2nd Year	Faculty of Pharmacy and Pharmaceutical Sciences in collaboration with Getz Pharma
17.	25/9/24 & 1-2/10/24	World Pharmacist Day Celebration & Two-Day Research -Expo & Symposium	Exhibition and panel discussion	-	1st to 5th Year, BS- Cosmetics	Faculty of Pharmacy and Pharmaceutical Sciences
18.	24/10/24	Equipping Professionals with Advanced Skill Sets" at Ziauddin University's Faculty of Pharmacy & Pharmaceutical Sciences	Seminar	Dr. Yasir Mubarak General Manager Metier-Brooks	5th Year	Faculty of Pharmacy and Pharmaceutical Sciences
19.	31/10/24	Breast Cancer Awareness Session	Session	Dr. Batool Memon Consultant Oncologist DUHS	1st to 5th Year, BS- Cosmetics	Faculty of Pharmacy and Pharmaceutical Sciences
20.	4/11/2024	Bright Future Fair: Innovations in Pharmacognosy and Pharma Chemistry	Session	Sanobar Kamal and Dr. Ameer Hassan	5th Year	Faculty of Pharmacy and Pharmaceutical Sciences
21.	5/11/2024	From Prescription to Patient: A Comprehensive Guide to the Practical Responsibilities of Hospital and Clinical Pharmacists	Lecture	Ms. Hafsa Jibran Assistant Manager Clinical Pharmacy Services (RPh- PharmD) ASHP Certified Pharmacy Informaticist- Toxicology Certified Pharmacist Learning & Development Coordinator Dow University Hospital	5th Year	Department of Pharmaceutical Chemistry Faculty of Pharmacy and Pharmaceutical Sciences
22.	11/11/2024	Introduction to Medical Devices Regulatory Affairs	Session	Dr. Omair Mehboob Founder & CEO of NM enterprises	5th Year	Faculty of Pharmacy and Pharmaceutical Sciences

NUMBER OF STUDENTS ENROLLED PER PROGRAMME





COLLEGE OF PHARMACY SUKKUR CAMPUS

ABOUT COLLEGE

Established to address the critical shortage of clinical pharmacists in the Sukkur region, Ziauddin College of Pharmacy, Sukkur Campus, stands as a beacon of quality education under the esteemed Ziauddin University. Our commitment is to nurture competent pharmacists who contribute meaningfully to healthcare and the pharmaceutical industry.

As a proud member of the International Pharmaceutical Federation (FIP), the College maintains collaborations and memberships that ensure our students are connected to global advancements in pharmacy. The Pharm.D. programme, spanning five years, is accredited by the Pharmacy Council of Pakistan (PCP) and adheres to the standards set by the Higher Education Commission (HEC). The curriculum is designed on a semester-based examination system, blending theoretical knowledge with practical expertise.

State-of-the-art facilities, experienced faculty, and a robust academic framework enable our students to excel in clinical pharmacy and pharmaceutical sciences. Through this programme, we aim to bridge the regional gap in pharmaceutical professionals, empowering graduates with the skills and knowledge needed to thrive in diverse and specialised roles within the healthcare sector.

PRINCIPAL OF THE COLLEGE

Prof. Dr. Mirza Tasawer BaigPrincipal, College of Pharmacy,
Ziauddin University, Sukkur Campus

FACILITIES

2 Class Rooms equipped with Multimedia 4 Advanced Laboratories Principal Office Faculty Rooms Administration office

PUBLICATIONS

Title	Journal	Public year	Main author		Co-authors	Affiliations
A Prospective Study on Cephalosporin Consumption Pattern at Trust-Based Tertiary Care Hospital	Journal of Hunan University Natural Sciences	2023	Mirza Tasawer Baig	2	Awais Ahmed Juno, Mirza Tasawer Baig, Amber Noorani, Rabeeya Qutubuddin Siddiqui, Sajjad Ahmed Abbasi, Bilal Mustafa, Kirshan, Altaf Ali Mangi	Ziaiuddin University
HISTOLOGICAL FINDINGS ON FORMULATION AND STABILITY OF AA-21 IN ALOPECIA ON CHEMOTHERAPY INDUCED ALOPECIA MODEL OF RAT.	Journal of Population Therapeutics and Clinical Pharmacology	2023	Mirza Tasawer Baig	3	Shumaila Shaikh, Sadaf Ibrahim, Mirza Tasawer Baig, & Aneela Atta Ur Rahman	Ziaiuddin University
EFFECT OF ELETTARIA CARDAMOMUM AND TRACHYSPERMUM AMMI IN COMBINATION ON BILIRUBIN IN ACETAMINOPHEN INDUCED HEPATOTOXICITY IN MICE	Journal of Xi'an Shiyou University, Natural Sciences Edition	2023	Mirza Tasawer Baig	3	Amna Saaed, Sadaf Ibrahim, Mirza Tasawer Baig, Ambreen Huma, Samina Sheikh, Aisha Jabeen	Ziaiuddin University
EVALUATING OA PATIENTS' KNOWLEDGE AND DIETARY HABITS TO UNDERSTAND THEIR DISEASE MANAGEMENT PRACTICES	Journal of Tianjin University Science and Technology	2024	Mirza Tasawer Baig	3	BARKAT ALI, ZAHIDA MEMON, MIRZA TASAWER BAIG, MUHAMMAD LATIF, MARYAM AHMED, & SYED ZIA UL HASNAIN	Ziaiuddin University
ASSESSMENT OF IN-VITRO CYTOTOXICITY ON BRINE SHRIMP LETHARGY BIOASSAY TEST OF GREEN SEAWEED CODIUM FLABELLATUM	Journal of Tianjin University Science and Technology	2024	Mirza Tasawer Baig	3	TAHSEEN AHMED, AMBREEN HUMA, MIRZA TASAWER BAIG, MUNAWAR RASHEED, SYED SHAFQAT ALI SHAH, SADAF IBRAHIM, & HAFSA NAVEED	Ziaiuddin University
ALOPECIA AREATA'S IMPACT ON QOL: DEMOGRAPHIC & CLINICAL LINKS	Journal of Tianjin University Science and Technology	2024	Mirza Tasawer Baig	3	SHUMAILA SHEIKH, SADAF IBRAHIM, MIRZA TASAWER BAIG, UZMA SHAHID, MARYAM AHMED, SYED ZIA UL HASNAIN, NOORULAIN PIRZADA, & ABID KHAN	Ziaiuddin University
PREVENTION THROUGH PERCEPTION: INVESTIGATING THE ROLE OF COGNITIVE- BEHAVIORAL FACTORS IN HEAD LICE CONTROL AMONG KARACHI SCHOOL GIRLS APPLICATION OF HEALTH BELIEVE MODEL	Journal of Population Therapeutics and Clinical Pharmacology	2024	Mirza Tasawer Baig	2	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Noorulain Pirzada, Samina Sheikh, Hira Arif, & Quratulain Pirzada.	Ziaiuddin University

THE VIEW POINT OF HEALTHCARE PROFESSIONALS ABOUT SWALLOWING DIFFICULTIES FOR MEDICATION IN PATIENTS.	Therapeutics and Clinical Pharmacology	2024	Mirza Tasawer Baig	2	Fakhsheena Anjumj, Mirza Tasawer Baig, Noor Jahan, Shamim, S., Sana Ghayas, Saima Mahmood, & Moona Mehboob	Ziaiuddin University
Characterization of the Influence of Bovine Serum Albumin (BSA) upon the Electronic Properties and Surface Topography of a Ti- 3Cu Biomedical Alloy by Mott-Schottky Analysis (MSA) and Atomic Force Microscopy (AFM).	Analytical Letters,	2023	Aisha Jabeen	2	Muhammad Ali Siddiqui, Aisha Jabeen, Alidad Chandio, Sohail Tayyabd, Ke Yang	Ziaiuddin University
EFFECT OF ELETTARIA CARDAMOMUM AND TRACHYSPERMUM AMMI IN COMBINATION ON BILIRUBIN IN ACETAMINOPHEN INDUCED HEPATOTOXICITY IN MICE	Journal of Xi'an Shiyou University, Natural Sciences Edition	2023	Aisha Jabeen	6	Amna Saaed, Sadaf Ibrahim, Mirza Tasawer Baig, Ambreen Huma, Samina Sheikh, Aisha Jabeen	Ziaiuddin University
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PEDICULOSIS HUMANUS CAPITIS PREVALENCE AS HEALTH PROBLEM IN ELEMENTARY SCHOOL OF KARACHI PAKISTAN: A COMMUNITY BASED STUDY	Journal of Population Therapeutics and Clinical Pharmacology	2024	Aisha Jabeen	1	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Nayel Syed, Samina Sheikh , Aiman Syed, Quratulain Pirzada, Noorulain Pirzada	Ziaiuddin University
PREVENTION THROUGH PERCEPTION: INVESTIGATING THE ROLE OF COGNITIVE- BEHAVIORAL FACTORS IN HEAD LICE CONTROL AMONG KARACHI SCHOOL GIRLS APPLICATION OF HEALTH BELIEVE MODEL	Journal of Population Therapeutics and Clinical Pharmacology	2024	Noorulain Pirzada	4	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Noorulain Pirzada, Samina Sheikh, Hira Arif, & Quratulain Pirzada.	Ziaiuddin University
PEDICULOSIS HUMANUS CAPITIS PREVALENCE AS HEALTH PROBLEM IN ELEMENTARY SCHOOL OF KARACHI PAKISTAN: A COMMUNITY BASED STUDY	Journal of Population Therapeutics and Clinical Pharmacology	2024	Noorulain Pirzada	8	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Nayel Syed, Samina Sheikh , Aiman Syed, Quratulain Pirzada, Noorulain Pirzada	Ziaiuddin University
Prevention Through Perception: Investigating The Role Of Cognitive- Behavioral Factors In Head Lice Control Among Karachi School Girls Application Of Heath Believe Model	Journal of Population Therapeutics & Clinical Pharmacology	2024	Noorulain Pirzada	4	Aisha Jabeen, Mirza Tasawer Baig, Sadaf Ibrahim, Noorulain Pirzada, Samina Sheikh, Hira Arif , Quratulain Pirzada	Ziaiuddin University

NUMBER OF STUDENTS







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 healthcare. These nurses provide care to individuals, families, and communities in virtually all locations where 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 enhances nursing education, leadership, research, and practice.

In this regard, ZUFONAM is committed to meeting these challenges and addressing the critical health needs of our population by preparing nurses who possess a broad understanding of the profession, public policy, leadership, and health care systems. With seven Associate Professors and a strong commitment to academic excellence, ZUFONAM is shaping the future of nursing education.

Key milestones include the Dr. Aijaz Fatima Women and Children Centre, a hub for community-based learning, and the launch of the Sukkur Campus, offering programmes like BSN, BSM, and CNA to expand access to quality education. ZUFONAM also fosters a vibrant research culture, securing its first research grant and encouraging faculty and students to pursue further opportunities.

With over 500 students guided by dedicated faculty, ZUFONAM combines innovative education, research, and clinical practice to empower nurses as compassionate caregivers and transformative leaders in a dynamic healthcare landscape. Together, we are shaping a better future for nursing and healthcare.

Dr. Pamela Marshall

Dean, Faculty of Nursing and Midwifery, Ziauddin University

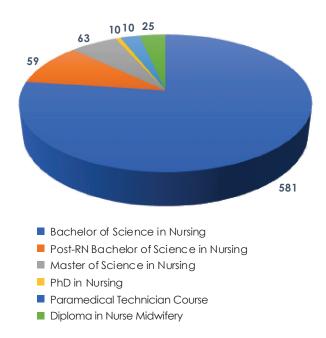
FACILITIES

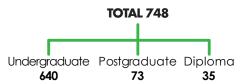
Lecture Halls 8
PhD Room 1
Seminar Room 1
Auditorium 1
Tutorial Room 1
Computer Room 1
Science Lab 2
Library 1
English Resource Room 1
Boy Common Room 1
Girls Common Room 1
Hostel for Females (For Scholarship Only)

RESEARCH ACTIVITIES

26 research articles were published.

NUMBER OF STUDENTS ENROLLED PER PROGRAMME

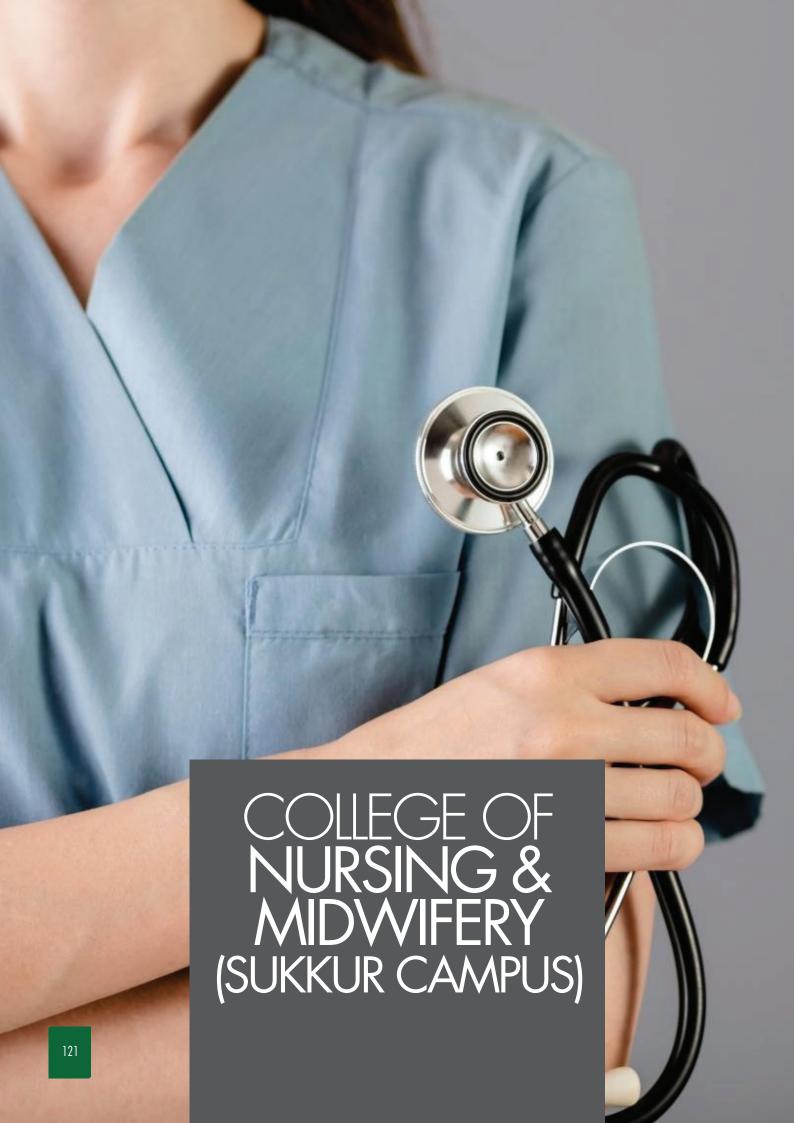




TOTAL FACULTY MEMBERS

ASSOCIATE PROFESSORS
ASSISTANT PROFESSORS
SENIOR LECTURERS
LECTURERS
7





COLLEGE OF NURSING & MIDWIFERY SUKKUR CAMPUS

ABOUT COLLEGE

The College of Nursing & Midwifery, Sukkur Campus, marks a significant step in addressing the educational needs of Sukkur, the third-largest city in Sindh, and its surrounding regions. Strategically located on Shikarpur Road across 45 acres, this state-of-the-art institute aligns with international standards to provide exceptional nursing education.

With a focus on enhancing professional qualifications in healthcare, the college offers BSN, BSM, and CNA programme led by experienced faculty and strong leadership. MOUs with tertiary care hospitals ensure practical training, while partnerships with local hostels create a comfortable environment for students, both local and from other regions.

PRINCIPAL OF THE COLLEGE

Ms. Nuzhat Firdous

Principal, College of Nursing and Midwifery, Ziauddin University, Sukkur Campus.

FACILITIES

Lecture Halls 3
Principal Office 1
Seminar Room 1
Computer Lab 1
Science Lab 1
Skills Lab 1
Library 1
Auditorium (in process)
Hostel for Females 1

PUBLICATIONS

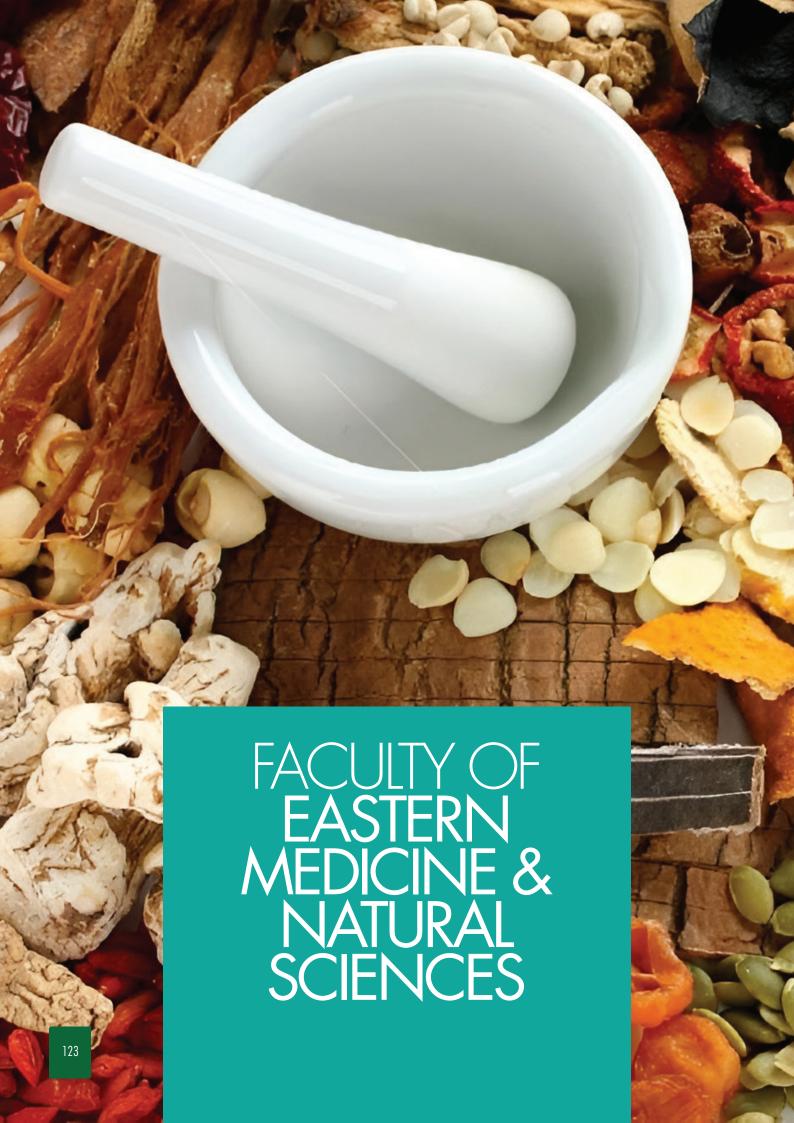
There were three publications last year.

MOUS WITHIN THE COLLEGE

MOU For Clinical Practice with Ghulam Muhammad Mahar Medical College Sukkur (GMMC). MOU for Hostel with Royal Hostel (for boys).

TOTAL FACULTY MEMBERS

FULL TIME FACULTY 2
VISITING FACULTY 2



FACULTY OF EASTERN MEDICINE & NATURAL SCIENCES

DEAN'S MESSAGE

The Faculty of Eastern Medicine and Natural Sciences (FEMNS) focuses on outcome-based learning, which ensures that students receive skills that are transferable to the workforce.

Ziauddin University was founded in memory of Sir Dr. Ziauddin Ahmad's vision to promote quality education through excellence in teaching, research, and public service. Following the vision of the founder, the Faculty of Eastern Medicine and Natural Sciences (FEMNS) is engaged to reassure the fulfilment of the vision, contributing to providing a culture of collaborative research and collective responsibility to develop effective and consistent teaching practices to improve student achievement.

This Faculty aims to implement its mission with the highest professional and ethical standards in an environment that enables our students towards excellence in clinical practice, research, diet therapy, and organic plant cultivation activities to serve the noble cause.

Prof. Dr. Tasneem Qureshi

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

COLLEGE OF EASTERN MEDICINE (CEM)

ABOUT COLLEGE

The College of Eastern Medicine recognises eastern medicine as the world's most esteemed system of healthcare 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.

AFFILIATIONS & ACCREDITATIONS

- National Council for Tibb (NCT)
- Course Curriculum approved by Ministry of Health as well as by Higher Education Commission (HEC)

FACILITIES

Availability of space on the 4th floor of the DPT building with a lecture hall and lab. Requirements. Clinical training for undergraduates in Ziauddin Hospital.

RESEARCH ACTIVITIES

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

PUBLICATION:

Title	Journal Publication Year	Main Author	Main Author Sequence	Affiliations
A Comprehensive Review on Phyto-Pharmacological Potential of Justicia adhatoda	Jun-24	Rabeea Kamran	4	International Journal of Natural Medicine and Health Sciences, Dalian Medical University

TOTAL FACULTY MEMBERS

PROFESSOR 1
SENIOR LECTURER 1



FACULTY OF LAW, POLITICS & GOVERNANCE

DEAN'S MESSAGE

Greetings!

At Ziauddin University, Faculty of Law, Politics & Governance, 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.

Each year, our faculty continues to make significant progress, ensuring that our students are equipped with the knowledge and skills needed to excel in their careers and contribute meaningfully to society.

Shaaista Sarki

Dean.

Faculty of Law, Politics & Governance,

RESEARCH AND ACADEMIC ACTIVITIES

ZIAUDDIN NATIONAL MOOT COMPETITION

The beginning of 2024 marked the first Ziauddin National Moot Court Competition on the 1st, 2nd and 3rd of May. The Student Association of Faculty of Law took lead in organising the competition, whereby teams from across Pakistan participated.

In a display of excellence, Indus College of Law Hyderabad emerged as the deserving champions, with Denning Law School securing the honourable runners-up position. Sindh Mehran University Hyderabad was lauded with the prestigious Best Memorial Award, while Eden College Karachi was honoured with the Rising Stars trophy.

Let's not forget our Best Speaker accolades, which were awarded to Ms. Mahnoor Malik from Indus College of Law Hyderabad and Ms. Hamnah Siddiqui from Denning Law School, highlighting their eloquence and legal acumen.

As a notable launch of the event, esteemed Former Chief Justice of Pakistan, Mr. Anwar Zaheer Jamali, was invited as the Honourable Chief Guest, while Mr. Shahab Sarki, Former Justice of the High Court, Mr. Naveed Soomro, Additional District Judge and Mr. Rehan Aziz Malik, President Sindh High Court Bar Association, formed the panel of judges for the duration of the event.

SEMINAR: HUMAN RIGHTS IN PRACTICE

The Faculty of Law, Politics, and Governance, in collaboration with the Sindh Human Rights Commission, advocates for bolstering academia-practice partnerships to enhance human rights implementation.

On Nov 21st, 2024, the Centre for Law & Policy at Ziauddin University, in partnership with the Sindh Human Rights Commission, hosted a dialogue titled "Human Rights in Practice" at the Faculty of Law, Politics & Governance. The dialogue focused on the importance of integrating human rights education into higher education institutes. The discussion covered critical themes, including the practical application of human rights, coordinated governance, and relevant international legal frameworks.

Speakers included Mr. Iqbal Detho (Chairperson, Sindh Human Rights Commission) and Ms. Shaaista Sarki (Dean, Faculty of Law, Politics & Governance), with moderation by Mr. Ahsan Qazi (Director, Centre for Law & Policy).

INTRA-MOOT COMPETITION

On September 18, 2024, Ziauddin University's Faculty of Law, Politics, and Governance (ZFLPG) hosted an electrifying intra-Moot competition at Moot Court, Law Department, honing its team's skills for the prestigious Jessup International Law Moot Court Competition! With a compelling case on statelessness and international legal standing, our talented students tackled crucial questions on whether nations can hold others accountable for rendering individuals stateless.

The applicant team, featuring Marium Fareed, Amir Ali, and Alishba Fazal, faced off against the respondent team of Ahmed Aziz, Syed Saman Shah, and Rafay. Esteemed judges Sir Salman Qazi, Ghazali Shaikh, and Esha Khalid brought real-world expertise, driving passionate debate and top-tier advocacy.

PARTICIPATION IN 2ND NATIONAL MOOT COURT COMPETITION AT QUAID-E-AZAM UNIVERSITY SCHOOL OF LAW

Two teams from Ziauddin University FLPG participated in the 2nd National Moot Competition at Quaid e Azam University School of Law on 5-6 June. Both teams qualified for the quarterfinals. They were accompanied by their Moot Coach, Maham Jamali, who trained them rigorously for two weeks prior to the competition.

PARTICIPATION IN INTERNATIONAL MOOT COURT COMPETITION IN NETHERLANDS

A team comprising of two students, Abdul Rafay and Samra Sohail, from Ziauddin University FLPG, participated in the International Moot Court Competition in the Netherlands. This competition was called IBA-ICC, where Abdul Rafay had an honourable mention for perseverance in the face of challenges. They visited the International Criminal Court during their visit.

CAREER COUNSELLING SESSION: PURSUING A CAREER IN LAW

Career counselling plays a pivotal role in shaping the future of students, offering them the clarity and confidence to make informed decisions.

For our first session held on Wednesday, 11 September 2024, we had the privilege of welcoming Miss Asma Javaid, who elaborated on the trajectory of a career in litigation. Additionally, Barrister Ali Tahir shared invaluable insights into pursuing the Bar, and Zorain Nizamani guided students on the journey to pursuing a Master's in the US.

In session two held on Tuesday, 24th September 2024, we were honoured to have Mr. Taha Saleem, Deputy Commissioner of Karachi Central, speak to students interested in pursuing the CSS. His insights and experiences were inspiring and invaluable. Our esteemed guests nurtured and counselled the next generation of professionals.

EDUCATIONAL VISIT TO THE HIGH COURT OF SINDH

On Tuesday, 5th November 2024, students from Ziauddin University's Law Department had the opportunity to visit the High Court of Sindh. The visit allowed them to observe courtroom proceedings and gain practical insights into the judicial system, enhancing their understanding of legal processes. This initiative highlights Ziauddin University's dedication to providing experiential learning opportunities that equip students for successful careers in the legal field.

EDUCATIONAL VISIT TO CENTRAL PRISON KARACHI

On November 25, 2024, the law students of ZFLPG visited Central Prison Karachi as part of their educational program to gain practical exposure to the criminal justice system and prison management. The visit included a briefing by prison officials on the facility's operations, security measures, and the legal framework governing its administration. Students toured various sections, such as barracks, vocational training centers, and medical facilities, observing rehabilitation programs like skill-building and education aimed at reintegrating inmates into society. An interactive session with prison staff provided valuable insights into prisoners' legal rights, the role of lawyers in ensuring justice, and the importance of human dignity within the correctional system. The visit offered a unique learning experience, bridging theoretical knowledge with real-world applications, and highlighted the significance of rehabilitation in fostering a fair and just society.

PROJECTS AND GRANTS

RESEARCH GRANT BY FLEET OPERATORS ASSOCIATION OF PAKISTAN

The Fleet Operators Association of Pakistan (FOAP) has awarded a research grant to the law students of Ziauddin University as part of a collaborative initiative aimed at addressing critical challenges in the transportation sector. Facilitated by the Office for Research Innovation & Commercialisation (ORIC), this grant will support a comparative study of provincial and federal laws regulating commercial freight vehicles, including trucks, tankers, lorries, and trailers.

The project, supervised by faculty members, enables law students to analyse areas of coherence and divergence in these legal frameworks and evaluate their impact on vehicle safety, infrastructure, and public welfare. This initiative not only provides hands-on research experience for students but also underscores Ziauddin University's commitment to fostering academic-industry partnerships for meaningful societal impact.

PUBLICATIONS

Aly Hassam UI Haq, Director of the Centre for Law & Technology at Ziauddin University, has authored an insightful analysis titled "The Right to Privacy & Personal Data Protection: An Analysis of Pakistan's Proposed Personal Data Protection Bill." This publication critically examines the proposed legislation, exploring its implications for safeguarding privacy and managing personal data in Pakistan. It reflects Ziauddin University's commitment to addressing contemporary legal challenges and contributing to the development of informed policies

NUMBER OF STUDENTS ENROLLED





TOTAL FACULTY MEMBERS

PERMANENT FACULTY 6 6
ADJUNCT 5 5
VISITING FACULTY 17



FACULTY OF ENGINEERING, SCIENCE, TECHNOLOGY, & MANAGEMENT

INTRODUCTION:

The Faculty of Engineering, Science, Technology, & Management (ZUFESTM) at Ziauddin University builds on the strong foundation established by the College of Biomedical Engineering over the last nine years. As part of a strategic expansion, ZUFESTM integrates diverse fields of study, offering Bachelor's, Master's, and PhD programmes with full accreditation and regulatory approval.

Our mission goes beyond academics; we aim to foster a "contributing community" where faculty, students, and staff work in a collaborative environment. With an emphasis on mentorship and ambition, ZUFESTM strives to build strong, lifelong relationships with alumni, encouraging them to play an active role in the university's growth.

The leadership at Ziauddin University recognises the importance of a skilled and dedicated workforce, focusing on both the development of current faculty and attracting top-tier professionals. By incorporating innovative teaching methods and a research-driven approach, ZUFESTM is poised to become a leader in education and research, producing graduates ready to lead and innovate in their fields.

DEAN OF THE FACULTY:

Engr. Prof. Dr. Fahad Azim, PE, MBA, Ph.D., MSC, BE





COLLEGE OF ENGINEERING AND TECHNOLOGY

ABOUT COLLEGE

The College of Engineering & Technology has come into existence in 2024 with six departments in its ambit.

This college has the majority of its morning programmes offered at the education site of the Ziauddin University; however, few of its programmes are offered at the ZU North site.

At the Link Road site, the Department of Biomedical Engineering provides a Bachelor of Engineering (B.E.) in Biomedical Engineering, equipping students with advanced skills to excel in the medical technology sector. The Department of Electrical Engineering offers several cutting-edge undergraduate programmes, including a B.E. in Electrical Engineering, BS in Robotics and Intelligent Systems, BS in Computer Networks and Security, and BS in Internet of Things, all designed to prepare students for the rapidly evolving technological landscape. The Department of Civil Engineering delivers a B.E. in Civil Engineering, focusing on infrastructure development and sustainable construction. Additionally, the Department of Design provides creative programmes such as a BS in Interior Design and a BS in Fashion Design, encouraging innovative thinking and artistic expression.

At the North site, the Department of Biomedical Engineering expands its academic offerings with undergraduate programmes like BS Biotechnology, BS Food Science and Technology, BS Microbiology, and BS Biomedical Engineering Technology. It also includes advanced research degrees such as MPhil in Biotechnology, MPhil in Food Science and Technology, MS in Biomedical Engineering, and a PhD in Biotechnology, fostering specialised expertise and research excellence. The Department of Electrical Engineering offers a BS in Electrical Engineering Technology, along with advanced degrees including MS and PhD in Electrical Engineering, ensuring a robust foundation for research and innovation. Meanwhile, the Department of Civil Engineering provides a BS in Civil Engineering Technology, preparing students for practical challenges in the field.

Together, these programmes reflect the university's commitment to academic excellence, innovation, and professional development.

PRINCIPAL OF THE COLLEGE

Prof. Dr. Saad Jawed Khan

College of Engineering & Technology, Ziauddin University



MOUS WITHIN THE COLLEGE

	MoU & Research Links with Industry 2024									
SNo	Name and Address with Country of Host Institution	,		Linkage Establishment Date						
1	Department of Civil Engineering	Hawa Energy Pvt. Ltd, Pakistan	Provide specialized knowledge and expertise in the field of wastewater treatment, particularly in the use of constructed wetlands	12 February 2024						
2	Department of Civil Engineering	Jhimpir Power Pvt. Ltd, Pakistan	Provide specialized knowledge and expertise in the field of road safety, transportation engineering, and multi-criteria analysis	1 June 2024						
3	Department of Biomedical Engineering	Altroniks	Provide insight of Internet of Things and Artificial Intelligence to the students of Biomedical Engineering	5 July 2024						

RESEARCH ACTIVITIES/WORKSHOPS/SEMINARS

S.No.	Name of the Event	Resource Persons
1.	Project Tendering and its Impacts on Civic Projects Execution and Closing" Seminar organized by the Department of Civil Engineering, ZUFESTM	Engr. Syed Humayoun Jahanzaib from HMC delivered the session
2.	Azadi Quiz Competition 2024	-
3.	IEEE Encode Coding Competition	-
4.	IEEE Awareness session	Ms. Inaara al Noor
5.	Orientation Session on Students' Wellbeing	Dr. Qurat ul Jibran
6.	IEEEP STEP Fair 2024	-
7.	IEEE R10 Young Professionals UpSkills 2024	Multiple Keynote speakers and panelists
8.	Getting Started with Arduino & Wokwi	Engr. Syed Mudassir Ahmed Mr. Hammad Ahmed
9.	Industrial Automation with Programmable Logic Control (PLC): From Basics to Advanced PLC Programming	Engr. Muzammil Nayar
10.	Step Up to The Field of Biomedical Engineering	Amal Fatima (Marketing Associate, Medequips SMC) Syed Yasir Abbas Abidi (Regional Manager, Medequips SMC) Muhammad Saqib Sheikh (Manager Services - MRI Systems, Shirazi Trading Company) Burhanuddin Ismail (Clinical & Product Specialist, Fisher & Paykel Healthcare)

11.	Construction Safety – Legal & Social Expectations" Seminar organized by the Department of Civil Engineering, ZUFESTM	Mr. Saad Abdul Wahab from Grow Safe (Pvt.) Ltd. delivered the session
12.	Unlocking Opportunities: Exploring Worldwide Master's Scholarships and Application Strategies	Dr. Muhammad Ahmed Khan Engr. Muhammad Shaheer Mirza
13.	"Poster and Project Competition 2024 - Speak In Seconds" Event organized by the Department of Civil Engineering, ZUFESTM	Faculty department of Civil Engineering
14.	Role of Artificial Intelligence in Food Science and Technology	Dr. Ali Asghar from Ziauddin University
15.	Biorepositories and Data Management	Ms. Bisma Aziz, Clinical Research Data Coordinator at DM Clinical Research
16.	roduction of Hyperimmune Anti-COVID-19 (IVIG) and Phase I & II Clinical Trials	Ms. Elisha Shamim, Clinical Research Associate at Sindh Infectious Disease Hospital and Research
17.	Production of Hyperimmune and Anti-Covid19 Intravenous Immunoglobulins (C-IVIG) and Phase Clinical Trial	Mr. Muneeb Uddin, Clinical Research Coordinator at Metrics Research
18.	The Industrial Trends in Biotechnology	Mr. Hassan Adil, Business Unit Manager at U.M. Enterprises - Matrix Pharmaceuticals.
19.	Infertility, IVF Technique, and Genetic Testing	Mr. Atif Yar Khan, Senior Embryologist at South City Hospital
20.	Techniques for Food Preservation	Mr. Salman Wajih Qazi, Head of R&D at Hilal Foods
21.	Training session on Lab Safety	Dr. Afsheen Amaan, Dr. Asma Ansari, Dr. Nadir Naveed Siddiqui, Dr A.Q. Khan Institute of Biotechnology & Genetic Engineering (KIBGE), University of Karachi
22.	Mass Spectrometric profiling of Scorpon Venom and Investigation of Their Therapeutic Potential".	Ms. Humaira Hassan, ICCBS

23.	Think Beyond Boundaries	Dr. Asma Ansari, Dr A.Q. Khan Institute of Biotechnology & Genetic Engineering (KIBGE), University of Karachi
24.	Crafting Success: Biotechnologist's Path in the Pharmaceutical Industry	Miss Maha Qasim (Assistant Manager) at Medics Laboratories
25.	Carrer in Biotech: Opportunities and Guidance	Miss Nousheen Erum (Senior Scentific Officer) at Matrx Laboratories
26.	From Lab to Leadership: Ongoing journey	Dr. Muhammad Zohaib (Manager of Research, Compliance and Biosafety) at Aga Khan University Hospital

PROJECTS AND GRANTS

- ZU department of Biomedical Engineering has secured 88412/ Euros for a three-year project by European Commission.
- Main purpose of this grant is to introduce industry 4.0/5.0 technologies to the curriculum of BE Biomedical Engineering, such as virtual/augmented/mixed/extended realities.

SEED MONEY GRANTS

S. No.	Title	Department	Amount (PKR)
1.	A machine learning model for photocatalytic dye degradation of silk fabric functionalized with TiO2/cellulose non-composite	Biomedical Engineering	89940
2.	Fresh and Hardened Properties of 3D Printed Fly-Ash Based Concrete for Sustainable Automated Construction	Civil Engineering	89,300
3.	Designing and Constructing of Multi- Stage Gravel Filter to Reduce TSS (Total Suspended Solids) From Rejected Water of RO Plant	Civil Engineering	89,000
4.	Vehicle Monitoring System Using GIS Technology	Electrical Engineering	81,000
5.	Implementation of Robotic Arm Weighing Technology for Carton Weight Verification in Manufacturing Industry	Electrical Engineering	93,200
6.	Load Management System for Efficient Electricity Consumption	Electrical Engineering	73,368

BOOK CHAPTER PUBLICATIONS:

S. No.	Author (s)	Title	Book (Publisher)
1.	Dr. Natasha Abbas Butt & Dr.	Chemical Crosslinking, Acid	Advanced research in
	Nusrat Zehra	Hydrolysis, Oxidation, Esterification,	starch (Springer Link)
		and Etherification of Starch	

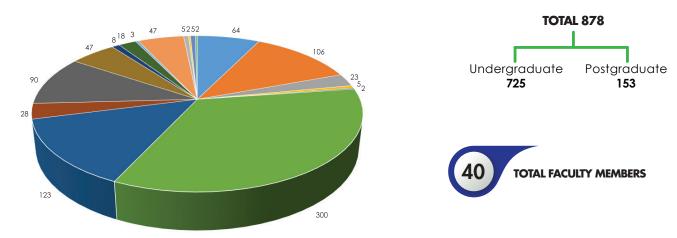
JOURNAL PUBLICATIONS

S. No.	Author (s)	Title	Journal (Impact Factor)
1.	Dr. Saad Jawaid Khan	Drug repurposing: identification of SARS-CoV-2 potential inhibitors by virtual screening and	The Journal of Infection in Developing Countries (2.4)
3.	Dr. Fahad Azim & Dr. Saad Jawaid Khan	pharmacokinetics strategies Automatic Gait Classification Model Empowered by Machine Learning for People with and without Osteoporosis Using Smart Walker	Applied Sciences (2.7)
4.	Dr. Syed Faraz Jawed, Fariha Shabbir, Aamenah Abdul Mujeeb, Sobhan Shakeel	Simulation of transvascular transport of nanoparticles in tumor microenvironments for drug delivery applications	Scientific Reports (4.3)
5.	Engr. Hassan Sarwar	Development of a Wearable Heat Stroke Detection and Controlling System	Pakistan Journal of Science
6.	Engr. Mehwish Faiz	Smart Foot Insole for Reducing the Risk of Foot Ulcers in Diabetic Patients by Measuring Plantar Pressure	Pakistan Journal of Rehabilitation
7.	Dr. Fariha Ibrahim	The Effect of Curcuma Longa on Respiratory Tract Isolates: A Potential Natural Therapeutic Agent	Pakistan Journal of Medicine and Dentistry.
8.	Dr. Hira Zahid	Systematic literature review on the application of machine learning for the prediction of properties of different types of concrete	PeerJ Computer Science (3.8)
9.	Dr. Hira Zahid	Innovative Blind Stick for The Visually Impaired	The Asian Bulletin of Big Data Management
10.	Dr. Saad Jawaid Khan, Engr. Shaheer Mirza, Engr. Amenah Abdul Mujeeb, Ali Haider Khan, Sindhu Khalid	Neural-Network based Wed application on Real- Time recognition of Pakistani Sign Language	Engineering Applications of Artificial Intelligence (8.0)
11.	Dr. Nusrat Zehra	Impact of hydroxypropylation coupled with extrusion treatment on the morphological, structural and rheological properties of sorghum and corn starch	International Journal of Biological Macromolecules (7.7)
12.	Engr. Mehwish Faiz, Dr. Saad Jawaid Khan, Dr. Fahad Azim	Deciphering Membrane Proteins Through Deep Learning Models by Revealing their Locale within the Cell	Bioengineering (3.8)
13.	Engr. Danial Maqsood Alvi	The Impact of BMI on Heart Rate and Blood Pressure: Unveiling the Cardiovascular Connection	Pakistan Journal of Biotechnology
14.	Engr. Hassan Sarwar & Dr. Saad Jawaid Khan	In Silico Investigation of Single-walled Carbon Nanotube Geometry for Optimization of Carbazochrome Drug Encapsulation	BioNanoScience (3.0)
15.	Fariha Shabbir, Muzaffar Iqbal, Saba Khan, Ali Asghar, Saad Jawaid Khan	Development of Six-Degree-of- Freedom Prosthetic Hand with Integrated Voice and Electromyography Control Using Machine Learning	Engineering Applications of Artificial Intelligence (7.5)

CONFERENCE PUBLICATIONS

S. No.	Author (s)	Title	Conference
16.	Engr. Hassan Sarwar	Assistive Navigation Gloves for Hurdle Free Ambulation of The Visually Impaired Individuals	1st International Conference on Emerging Trends in Biomedical Engineering, Science and Technology (ICETBEST)
17.	Engr. Taha Mushtaq Shaikh	Advanced Telecommunication- Enabled Patient Monitoring System for Remote Consultation	1st International Conference on Emerging Trends in Biomedical Engineering, Science, and Technology (ICETBEST)
18.	Engr. Mehwish Faiz, Engr, Daniyal Alvi and Hassan Sarwar.	Assistive Navigation Gloves for Hurdle free Ambulation of the Visually Impaired Individuals	1st International Conference on Emerging Trends in Biomedical Engineering, Science, and Technology (ICETBEST)
19.	Hira Kanwal, Hunaina Abbasi and Ansharah Hasib	Incorporating a Novel Biomaterial to Propose a Battery Less Cardiac Pacemaker	1st International Conference on Emerging Trends in Biomedical Engineering, Science, and Technology (ICETBEST)
20.	Dr. Nusrat Zehra	Comparative Analysis of Citric Acid and Hydroxypropylated Modified Sorghum and Corn Instant Starches Prepared via Alcoholic Alkaline Treatment (AAT) and Extrusion (Ex) Technique	1st International Conference on Emerging Trends in Food Processing

NUMBER OF STUDENTS ENROLLED PER PROGRAMME



- B.E Biomedical Engineering
- BS Computer networks and Security
- BS Food Science and Technology
- BS Electrical Engineering Technology
- MS Electrical Engineering
- PhD Biotechnology
- B.E Civil Engineering
- BS Internet of Things
- BS Microbiology
- BS Civil Engineering Technology
- MPhil Biotechnology
- PhD Electrical Engineering
- B.E. Electrical Engineering
- BS Biotechnology
- BS Biomedical Engineering Technology
- MS Biomedical Engineering
- $\,{}^{_{\parallel}}\,\text{MPhil}\,\text{Food}\,\text{Science}$ and Technology
- PhD Civil Engineering



COLLEGE OF COMPUTING AND SOFTWARE ENGINEERING

ABOUT COLLEGE

The College of Computing and Software Engineering (COCSE) proudly traces its journey from its inception as the Department of Software Engineering in 2017, evolving into the Department of Computer Science and Software Engineering (CS & SE) in 2020, and transforming in 2024 into a centre of excellence at the forefront of innovation and education in the computing world.

At COCSE, we offer a dynamic and forward-thinking portfolio of programs that span the transformative fields of Computer Science, Software Engineering, Data Science, Cybersecurity Technology, and Software Engineering Technology.

We equip students with the expertise, creativity, and critical thinking required to excel in this digital age. Our unwavering commitment to fostering intellectual curiosity, technical mastery, and real-world problem-solving is reflected in the diverse learning opportunities we provide.

Be it unravelling complex algorithms, designing cutting-edge software solutions, fortifying digital systems against cyber threats, or unlocking the potential of data to drive innovation, COCSE offers the ideal platform to turn your aspirations into reality.

PRINCIPAL OF THE COLLEGE

Prof. Dr. Sheikh Muhammad Munaf

PI, NCBC DAPPA Lab

FACILITIES

Fully Equipped High End Computing Labs-4
Air Conditioning Classrooms with Multimedia facility-8
Seminar Hall-1
FYP Lab working stations-10
NCBC Research Lab-1

RESEARCH FACILITIES AT NCBC LAB

Facilities and Equipment			
Equipment	Quantity	Purpose	
NVIDIA® Jetson Nano™		Small computer board for embedded IOT applications with full analytical capabilities	
Raspberry pi 4 and Arduino microcontrollers	Multiple	Small and power computational board for multipurpose projects	
'myRIO' boards	7	compact, versatile, and real-time control solutions for hands-on engineering	
Smart Network Bullet Cameras	4	High-performance surveillance cameras known for their weatherproof design and advanced imaging technologies	
Smart Network PTZ Dome Cameras	5	PTZ dome cameras with 40x zoom offer precise pan, tilt, and zoom capabilities for wide-area surveillance with exceptional detail at long distances	
Wifi Routers, POE switches	Multiple	Networking tasks	
DELL EMC 740 servers	5	Dell EMC 740 servers with A80 GPUs deliver high-performance computing for AI, deep learning, and data-intensive workloads	
HP Proliant Server	1	Scalability and optimizing workloads	
3D Printer	1	3D Modeling	
Laptop and Desktop Computers	4	Multitasking, research publications, and storage	
Fortiget Firewall	1	Comprehensive Network Security	

LAUNCHED OF SOFTWARE ENGINEERING TECHNOLOGY PROGRAMME

The College introduced the Software Engineering Technology program, equipping students with practical skills, creativity, and critical thinking to excel in software development and address challenges in the evolving digital world.

RESEARCH ACHIEVEMENTS, COMPETITIONS, AND EVENTS

- In 2024, six journal articles were published in high-impact factor journals relevant to the computing discipline.
- One conference paper was presented in 2024.
- The College of Computing and Software Engineering triumphed in the Den Coding Cup Competition 2024.
- Moazma Sheraz from the College of Computing and Software Engineering secured the Second Runner-Up position at Xtreme Encode.
- Three research seminars were conducted for final-year projects.
- Zero Visit Approval was granted for the Bachelor of Engineering Technology in Software and Cyber Security programmes.
- On September 25th, 2024, the "FYP 3rd Evaluation 2024 Computing & Software Engineering" event was held at Ziauddin University North Campus.
- On September 11th, 2024, the College of Computing and Software Engineering at Ziauddin University's North Campus held an exhibition on the "Automated Indoor Plant Health and Pest Control System," organised by Chairperson Dr. Sheikh Muhammad Munaf in collaboration with IEEEP.
- At the IEEE SMART TECH Exhibition held at the Expo Centre, the project "Automatic Sugarcane Disease Detection and Outbreak Alert System Using Deep Learning" won 2nd place. The project utilises deep learning technology to detect sugarcane diseases and issue real-time outbreak alerts.
- One postgraduate policy approval was drafted for Liaquat University of Health and Medical Sciences (LUHMS).
- Eleven IP disclosure forms were submitted.
- Two IP patents were submitted.

MOUS SIGNED IN 2024

- The College of Computing and Software Engineering at Ziauddin University partnered with Vanar, a Dubai-based Web3 technology leader, to enhance students' access to Web3 resources and professional opportunities through a Memorandum of Understanding (MoU).
- The College also signed an MoU with Live Bits, a leading IT and marketing agency, to foster collaboration between academia and industry, providing valuable learning and industry practice opportunities.

PROJECTS AND GRANTS

- Five Final Year Projects received grants from NIGRI.
- 15 Ignite Project Grants were applied for this year.

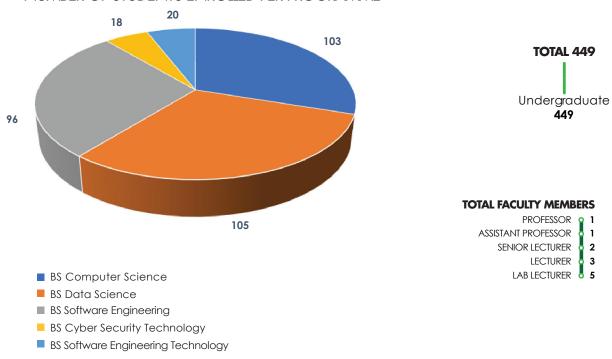
PUBLICATIONS

- Yasir Hussain, Shoaib Hussain, Munaf Rashid, Kashif Iqbal, Shahzad Naseem, Vehicle Driver Recognition for Access Control, Asian Bulletin of Big Data Management. Vol-4 Issue 3, Sept 2024.
- Hassan Shah Khan, Kashif Iqbal, Munaf Rashid, & Aqsa Shahid. (2024). HSK Wallet: A user-friendly blockchain application. Journal of Information Systems Research and Computing (JISRC), 22(2). Ziauddin University of Engineering Science, Technology and Management, Karachi, Pakistan.
- Nehal Roop, Munaf Rashid, Sidra Abid, Fahad Shamim, Sarmad Shams, Shahzad Naseem. Risk Assessment of Diabetes Mellitus Dataset Using Supervised Machine Learning Algorithms, Journal of information & Communication Technology. Vol-18 Issue-1, August 2024.
- Syed Waqad Ali, Munaf Rashid; Muhammad Uzair Yousuf; Sarmad Shams; Muhammad Asif; Muhammad Rehan; Ikram Din Ujjan. Towards the development of the Clinical Decision Support System for Respiration Diseases Identification by Lung Sound Classification using 1D-CNN, accepted in Sensors (ISSN 1424-8220) on 03 July 2024.
- Siddiqui, Y. H.., Siddiqui, S. H., Rashid, M., Iqbal, K., & Nasim, S. (2024). Vehicle And Driver Recognition for Access Control. The Asian Bulletin of Big Data Management, 4(3), 143–158.

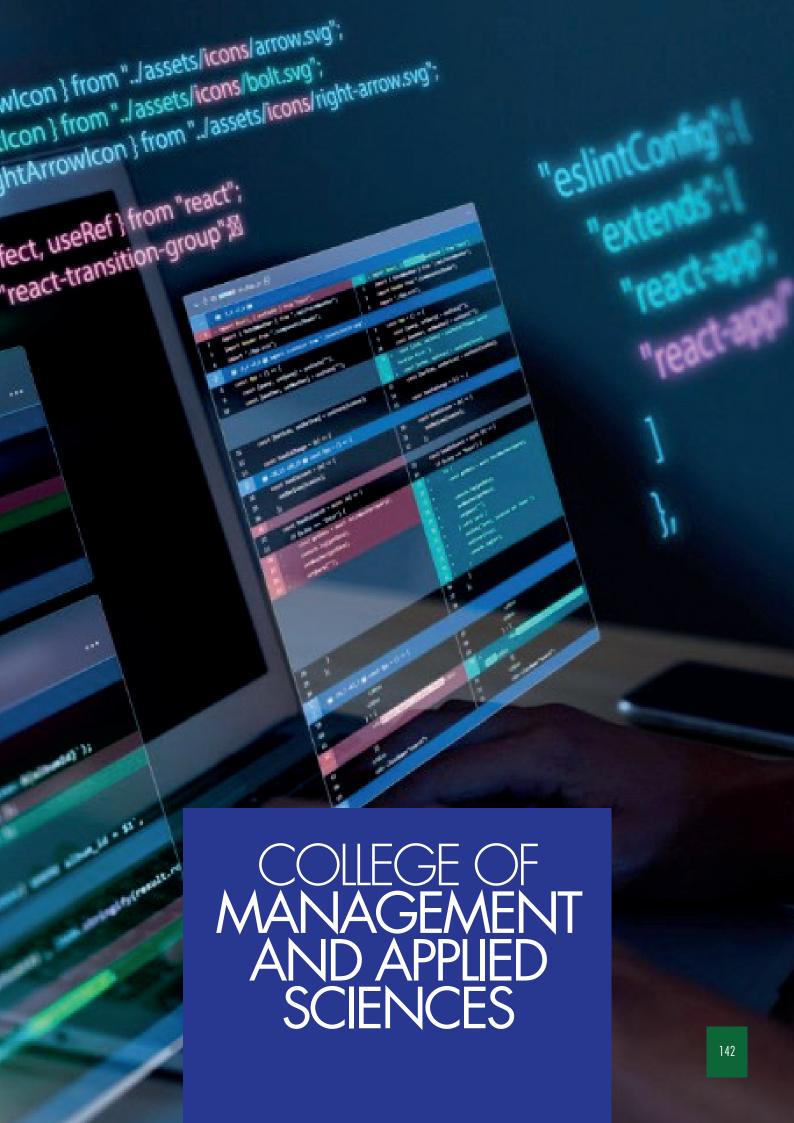
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• Ashar Ahmed, Muhammad Anus, Ali Saqlain, Waqas Jan, & Syed Muhammad Atif. (2024). Automated Indoor Plant Health and Pest Control System Leveraging Frontier Technologies for Enhanced Agriculture. Journal of Computing & Biomedical Informatics. Retrieved from. https://jcbi.org/index.php/Main/article/view/569

NUMBER OF STUDENTS ENROLLED PER PROGRAMME







COLLEGE OF MANAGEMENT AND APPLIED SCIENCES

ABOUT COLLEGE

The College of Management and Applied Sciences (CoMAS) at ZUFESTM, Ziauddin University, focuses on Management in practice, industry-led entrepreneurial orientation and skill-based professional grooming of the students. The field of management science involves the use of analytical methods to make decisions about local and global business problems. The College of Management and Applied Sciences equips the students with all the tools required to cope with constantly rising business needs. The College is equipped with experienced faculty with corporate experience and degrees from reputed Pakistani and foreign universities. The College of Management and Applied Sciences comprises of three Departments;

- i. Department of Business Administration
- ii. Department of Management Sciences
- iii. Department of Applied Sciences

PRINCIPAL OF THE COLLEGE

Dr. Saif Ullah,

Principal & Associate Professor College of Management & Applied Sciences, Ziauddin University

RESEARCH ACTIVITIES/WORKSHOPS/SEMINARS

Research Activities/Workshops/Training				
Date	Topic	Trainer	Organization	
9-Nov-24	Workshop on Case Study Writing	Workshop on Case Study Writing. Dr Mansoor Junejo and Dr Qamaduddin Maitloo	IBA Sukkur University	
11-August-2024	Analysis of data with SPSS and interpretation	Dr. Yasir Jamal	Lecturer at Ziauddin North Campus	
24-April-2024	Understanding and writing methodology of the FYP.	Dr. Muhammad Azam	Assistant Professor CoMAS	
16-March-2024	An Awareness session on Easydata by State Bank of Pakistan Officials. This session was facilitated by	Salman Ahmed and Ms, Mehvish Shozab	Senior Joint Director (SBP)	
7-March-2024	CMS Orientation and CLO/PLO	Ms. Sania Zafar	Sr. Lecturer & Faculty Coordina	
	Industr	ial Visits		
Date		Organizations		
26-Dec-2024		Atlas Honda Karach	i	
30-Dec-2024	Pak Suz	uki Motor Company Limi	ted (PSMCL)	
	Guest Spec	aker Sessions		
Date	Topic	Guest Speaker	Designation & Organization	
14-Sep-2024	How to Operate an International Business in Pakistan	Mr. Wajahat Paracha	Chief Executive Officer (ERAFIZ	
31-October-2024	Bridging the Gap Between Academia and Industry: Innovative Marketing Strategies in the Automotive Sector,	Ms. Mehak Shahzeb	Product & Brand Manager at Toyota Motor	

27-November-2024	Ethical Issues in Society and Business	Mr. Muhammad Ishtiaq Khan	chief legal advisor at Global Law Associates
24-October-2024	Nuts and Bolts of Entrepreneurship	Mr. Adeel Darvesh	Director and Founder - PACE
7-September-2024	Rudiments of Research Methodology	Dr. Saima Zia	Professor, IoBM
14-September-2024	Philosophical Assumptions of Research Methodology	Dr. Sania Usmani	Program Manager and Associate Professor, SZABIST University
17-October-2024	Financial Markets and Opportunities	Mr. Ejaz Ali Shah	Chief Advisor - Wealth Street Inc.
27-October-2024	Training on a positive mindset	Ms. Sara Johnson	Manager (Learning & Development) Bank Almukarma
31-October-2024	The Role of Sales in Strategic Management	Mr. Hamad Ali	Burque Corporation Ltd
20-October-2024	The role of marketing research in emerging markets	Mr. Ali Raza Chaudhry	Chief Executive Officer(CEO) Four Corner (PVT) Ltd.
7-September-2024	Organization Norms and Ethics	Mr. Syed Faraz Ali	Manager (ORIC), IoBM Karachi
25-October-2024	Insights of Internal Audit	Mr. Hafiz Riaz	Deputy Manager Internal Audit, Karachi Shipyard & Engineering Works Ltd.
2-Feb-24	Blockchain Technology in Business	Muhammad Fahad Khan	Senior Manager - Business Development Promax Pvt Ltd

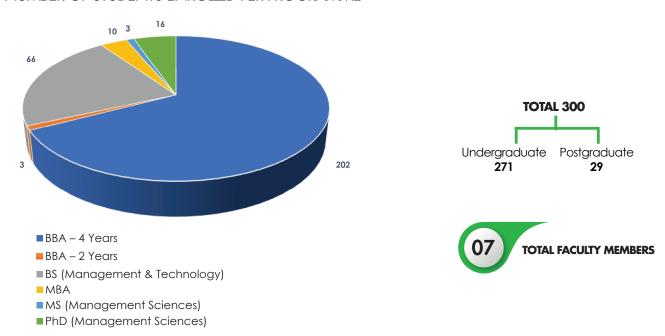
PUBLICATIONS

Sr. #	Title	Journal	Authors	Publicatio n Year	HEC Category/ Impact Factor
1	Nexus of Governance, Macroeconomic Conditions, and Financial Stability: A Comparison of Developed and Emerging Countries	Financial Innovation	1. Saif Ullah 2. Atta Ullah 3. Mubashir Zaman	2024	HJRS: W IF 8.4, SSCI Scopus Q1
2	Renewable Energy Transition and Regional Integration: Energizing the Pathway to Sustainable Development	Energy Policy	Atta Ullah Haitham Nobanee Saif Ullah Huma Iftikhar	2024	HJRS: W IF 9.3, SSCI/ SCIE Scopus Q1 ABDC: A
3	Towards a Greener Future: The impact of Financial Technology (Fintech) and Climate Finance on Ecological Sustainability	Journal of Environmental Management	Muhammad Kashif Atta Ullah Saif Ullah Ningyu Qian	2024	HEC: W IF: 8.0 Scopus: Q1 ABDC: A
4	Balancing Environmental Sustainability: Socio-economic Drivers and Policy Pathways in Oil- Importing Nations	Energy Strategy Reviews	Muhammad Asghar Sana Laghari Saif Ullah Haitham Nobanee	2024	HJRS: W IF 7.9, SCIE Scopus Q1
5	ICT Diffusion, E-Governance, and Sustainability in the Digital Era	Sustainable Futures	Saba Khan Saif Ullah Haitham Nobanee	2024	HJRS: W IF 3.3, ESCI Scopus Q1
6	Comparative analysis of FinTech adoption among Islamic and conventional banking users with moderating effect of education level: A UTAUT2 perspective	Journal of Open Innovation: Technology, Market, and Complexity 10 (3), 100343	Muhammad Abdullah ldress Saif Ullah		HJRS: X ESCI Scopus Q1
7	Impact of Financial Technology (FinTech) on Sustainable Finance: A Worldwide Empirical Analysis	Financial Markets and Portfolio Management	Muhamad Kashif Chen Pinglu Saif Ullah	2024	HJRS: X IF 1.9, ESCI Scopus Q2 ABDC-B

BOOK CHAPTER

Sr. #	Title	Publisher	Authors	Publication Year
1	Climate Disasters and Sustainability Challenges: A Way Forward in Industry 4.0,	The Palgrave Handbook of Green Finance for Sustainable Development.	2. Muhammad Ayaz	2024

NUMBER OF STUDENTS ENROLLED PER PROGRAMME







Continuing Medical Education (CME) Sessions

S.No	Topic	Date
1	Threatening & Recurrent Miscarriage Misconceptions	January 23, 2024
2	Clinical Audits in Surgery	January 24, 2024
3	Symposium on Adult & Pediatric Epilepsy with Experts	January 20, 2024
4	Surgery: Role of Histopathology in Cancer Diagnosis	February 6, 2024
5	ER Workshop: Surgical Skills	February 10, 2024
6	ER Workshop: Suturing Skills	February 17, 2024
7	The Power of Artificial Intelligence	February 22, 2024
8	Tuberculosis Preventive Therapy & Challenges	February 22, 2024
9	Clinical Research Methodology	February 27–29, 2024
10	Antenatal Corticosteroids to Reduce Neonatal Mortality	March 5, 2024
11	Updates on Hypertension	May 21, 2024
12	Workshop on Pediatric Peritoneal Dialysis	June 21, 2024
13	Combined Surgical Meeting	June 13, 2024
14	Gut Anastomosis Workshop	June 11, 2024
15	World Brain Day	July 22, 2024
16	Tuberculosis Preventive Therapy (TPT) and Challenges	July 27, 2024
17	Treatment & Management of VTE, DVT & PE	August 1, 2024
18	Advancing Care in Oncology Nursing: A Comprehensive Workshop	August 9–10, 2024
19	World Breastfeeding Day	August 24, 2024
20	Sleep-Related Disorders	August 24, 2024
21	Receiving an Injured Brain	August 31, 2024
22	Workshop on Breaking Bad News	August 31, 2024

23	Advancements in Adult Care & Introduction of New Therapies to Improve Patient Recovery (North)	September 7, 2024
24	Advancements in Adult Care & Introduction of New Therapies to Improve Patient Recovery (Clifton)	September 11, 2024
25	Rabies Vaccine	October 5, 2024
26	World Patient Safety Day	October 5, 2024
27	Workshop on Mechanical Ventilation & Nutrition in Preterm & Term Infants	October 16, 2024
28	World Mental Health Day	October 22, 2024
29	Role of Radiology in Early Detection of Breast Cancer	October 25, 2024
30	Choosing the Right GLP-1 for Weight Management	November 2, 2024
31	Educational Session on Obesity & Its Complications	November 19, 2024
32	Awareness of Combined Hormonal Contraception	November 21, 2024
33	Diagnosis & Differences in Parkinson's Disease: Medical Management of Early & Late PD	November 28, 2024
34	Lower Limb Castings & Orthopedic Techniques	December 14, 2024
35	Role of Ticagrelor in ACS & Stroke	December 19, 2024



QUALITY ENHANCEMENT CELL (QEC)

DIRECTOR'S MESSAGE

The Quality Enhancement Cell (QEC) at Ziauddin University is committed to ensuring the highest standards of education and academic excellence. Our primary focus is on continuous improvement in teaching, learning, and research, leveraging the latest technological tools and innovative solutions. By embracing automation, we streamline our processes for course evaluations, faculty assessments, and accreditation management, ensuring efficiency and accuracy. Through these initiatives, we aim to provide our students with an enriching and future-ready learning experience, aligned with international quality standards.

Muhammad Adnan Fuzail

Director, Quality Enhancement Cell, Ziauddin University

ACTIVITIES & ACHIEVEMENTS

International Rankings

The Quality Enhancement Cell at Ziauddin University made significant progress in facilitating the university's recognition on prestigious global platforms. Through rigorous efforts and meticulous data collection, the university secured an impressive 257th position in UI Green Metrics Rankings globally out of 1477 universities, reflecting its commitment to sustainability and environmental responsibility.

Additionally, Ziauddin University successfully secured a place in the QS Rankings and the Times Higher Education Impact Rankings, further demonstrating its dedication to academic excellence, global impact, and continuous improvement. These achievements underscore the pivotal role of the QEC department in positioning Ziauddin University among internationally recognised institutions.

HEC Sukkur Campus Visit

The QEC at Ziauddin University played a pivotal role in facilitating the Higher Education Commission's (HEC) Sukkur campus visit. As a result, Ziauddin University received No Objection Certificates (NoCs) to launch forward-thinking and skilled undergraduate and postgraduate programmes. By diversifying the university's academic offerings and expanding its reach to underserved communities, this accomplishment underscores Ziauddin University's commitment to delivering high-quality education and driving transformative change in the regional and national educational landscape.

Accreditation Visits

The QEC at Ziauddin University demonstrated exceptional leadership in facilitating during accreditation visits by prestigious regulatory authorities, including the Pakistan Engineering Council (PEC), Pakistan Nursing Council (PNC), Pharmacy Council of Pakistan (PCP), and National Technology Council (NTC). These critical evaluations not only validated the university's adherence to the highest academic and professional standards but also strengthened its credibility as a provider of industry-relevant and quality-driven education. By ensuring compliance with rigorous benchmarks, these visits underscore Ziauddin University's unwavering commitment to excellence, innovation, and the holistic development of future professionals.

No Objection Certificates (NOCs)

The QEC successfully secured No Objection Certificates (NOCs) from the Higher Education Commission (HEC) for groundbreaking programmes such as the MS in Public Health and MPhil in Food Sciences and Technology. These approvals marked a significant step in diversifying the university's academic offerings and addressing the growing demand for expertise in cutting-edge fields, reinforcing Ziauddin University's role as a leader in academic innovation and societal impact.

Self-assessment Reports:

The Quality Enhancement Cell (QEC) at Ziauddin University conducted a thorough review of the

Self-Assessment Reports (SARs) for several programmes, including the BS in Digital Media & Marketing, Doctor of Physical Therapy (Sukkur), Doctor of Podiatric Medicine, MS in Speech-Language Pathology, MPhil in Physical Therapy, MS in Electrical Engineering, PhD in Electrical Engineering, and MPhil in Biotechnology.

This comprehensive evaluation focused on areas such as learning objectives, curricula, faculty performance, and student feedback, leading to actionable recommendations for improvement. These efforts ensure that the programmes consistently align with national and international standards, reinforcing the commitment to excellence and innovation in teaching and learning.

SURVEY/REVIEW FORMS

The comprehensive student feedback system is a cornerstone of Ziauddin University's quality enhancement strategy, playing a vital role in driving continuous improvements in teaching and learning. By incorporating insights from students, alumni, and graduates, the university gains a well-rounded understanding of the long-term impact of its programmes. This feedback-driven approach allows for informed, data-driven decisions that lead to meaningful enhancements.

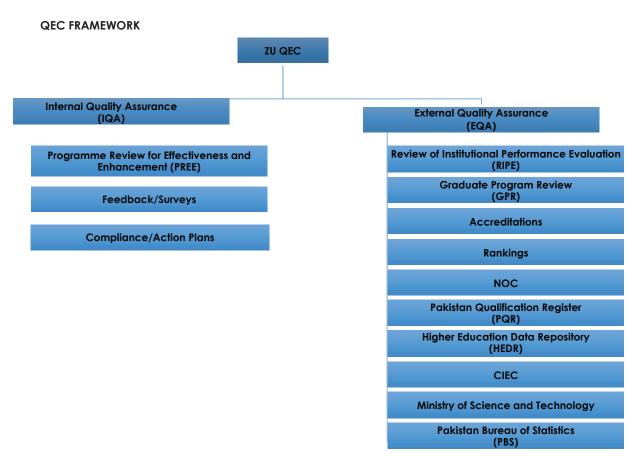








These robust participation numbers reflect the university's commitment to gathering diverse perspectives and using them effectively to optimise the quality and relevance of its academic offerings. This feedback mechanism is essential in fostering an environment of continuous improvement and academic excellence.



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 & Commercialisation (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. Zulfigar 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 in the X category of the HEC scorecard. Besides this, Ziauddin University has also achieved significant milestones, which are as follows:

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



SESSIONS AND WORKSHOP

Total Sessions and Workshops Conducted in a Year: 21

Grant Writing Workshops: 13 Capacity Building Sessions: 08

RESEARCH AND EXCELLENCE

PROJECTS WON (NATIONAL)

NIH (Health Research Institute, National Institutes of Health Islamabad)

Dr. Amna Aamir Khan, Associate Professor at the College of Physical Therapy, has been awarded the NIH Pakistan Grant for her project titled "Empowering Children with CP: A Goal-Oriented GMFM-based Program on Enhancing Gross Motor Function, Balance, and Quality of Life," securing a total funding of PKR 3,16,910. This project aims to implement a goal-oriented, GMFM-based program designed to improve gross motor function, balance, and overall quality of life for children with cerebral palsy. This initiative will contribute significantly to advancing pediatric rehabilitation and enhancing the well-being of children with CP in Pakistan.

NIH (Health Research Institute, National Institutes of Health Islamabad)

Mr. Shahzad Bashir, Associate Professor at the Faculty of Nursing and Midwifery (ZUFONAM), has been awarded the prestigious NIH Pakistan Grant of PKR 3,000,000 for his groundbreaking project titled "Mobile Health Intervention for Heart Failure Patients in Pakistan." This initiative aims to implement innovative mobile health solutions to enhance self-care capabilities, improve the quality of life for heart failure patients, and significantly advance healthcare delivery while reducing hospital readmissions. This achievement highlights the transformative potential of innovative interventions in addressing critical healthcare challenges in Pakistan and beyond.

PROJECTS WON (INTERNATIONAL)

ISARIC Project Management Funded by University of Oxford

Prof. Dr. Madiha Hashmi, Chair of the Department of Critical Care Medicine, has been awarded a prestigious grant of £142,319 for her project titled "ISARIC Project Management", funded by the University of Oxford. The project aims to manage and coordinate key ISARIC initiatives, including the Clinical Trial Unit Maturity Metrics and CREDO training, to improve critical care management, enhance healthcare delivery, and address global healthcare challenges. This achievement underscores the vital role of collaborative international research in improving patient care and healthcare outcomes both locally and globally.

Clinical Research During Outbreaks Funded by University of Oxford

Prof. Dr. Madiha Hashmi, Chair of the Department of Critical Care Medicine, has been awarded a prestigious grant of £112,633 for her project titled "Clinical Research During Outbreaks (CREDO)", funded by the University of Oxford. The initiative focuses on enhancing clinical research capacity during outbreaks through targeted training, aiming to improve healthcare delivery and research outcomes in resource-limited settings. This funding will support the development and delivery of the CREDO training program. This achievement highlights the significant role of international collaboration in advancing clinical research and healthcare preparedness, particularly in the context of emerging infectious diseases.

Maturity Metrics Funded by University of Oxford

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has achieved success by securing the University of Oxford's prestigious grant for her project titled "Maturity Metrics." This project, awarded by the FCDO (Foreign, Commonwealth & Development Office), will receive total funding of £19,553. Dr. Madiha Hashmi will lead research aimed at developing and evaluating maturity metrics within critical care settings. The insights gained from this research are expected to enhance critical care practices and contribute to the ongoing advancement of healthcare standards.

Technical Development and Country Pilot for the WHO Framework Funded by University of Oxford

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has secured the prestigious University of Oxford grant for the project titled "Technical Development and Country Pilot for the WHO Framework (TMF)." As Principal Investigator, Dr. Hashmi will lead this project on behalf of Ziauddin University. Ziauddin University has received a total of £7,792 to support the activities and responsibilities outlined in the research agreement. This project, awarded by the World Health Organization (WHO) and the University of Oxford, aims to facilitate the technical development and pilot testing of the WHO framework, with the potential to impact global health initiatives.

WHO Maturity Framework APW for Clinical Trials Units Funded by University of Oxford

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has been awarded a prestigious grant from the University of Oxford for her project titled "WHO Maturity Framework APW for Clinical Trials Units." As Principal Investigator, Dr. Hashmi will lead the research efforts at Ziauddin University. The project has received a total of $\pounds 3,564$ to support its activities. The initiative focuses on developing and implementing the WHO Maturity Framework within clinical trial settings, with the goal of assessing and enhancing the operational maturity of clinical trials units to ensure alignment with WHO standards.

BILL & MELINDA GATES FOUNDATION GRANT

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has secured the prestigious "Support to the International Severe Acute Respiratory and Emerging Infection Consortium (Gates — Acute Respiratory)" project, awarded by the University of Oxford and funded by the Bill & Melinda Gates Foundation With a total funding of \$153,124 to support the activities and responsibilities of this project. Dr. Madiha Hashmi will serve as the Principal Investigator on behalf of Ziauddin University. This project aims to contribute significantly to the global understanding and management of severe acute respiratory and emerging infections, impacting public health outcomes worldwide.

REMAP-CAP Acquired Pneumonia Project Funded by Monash University

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has secured funding for her project titled "REMAP-CAP Acquired Pneumonia." Awarded by Monash University (ANZIC-RC), the project has received a total of 11,675 AUD to support its activities. Prof. Dr. Madiha Hashmi will lead the research, which aims to explore treatment strategies for acquired pneumonia within critical care settings. The findings are expected to contribute significantly to the improvement of clinical practices and patient outcomes in critical care.

ACORN-HAI Variation Project Funded by National University of Singapore

Prof. Dr. Osama Rehman Khalid, Professor in the Department of Infectious Diseases, has secured funding for the project titled "ACORN-HAI Variation." Awarded by the National University of Singapore, the project has received a total of 7,315 SGD to support its activities. Dr. Osama Rehman Khalid will lead the research, which aims to study variations in healthcare-associated infections (HAI), contributing to the ongoing efforts in improving infection control practices.

GENOMICC Variation Project Funded by University of Edinburgh

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has been awarded funding for the "GENOMICC Variation" project. Funded by the University of Edinburgh, the project has received a total of £43,297.50 to support its activities. Dr. Madiha Hashmi will lead the research, which aims to explore genetic variations associated with critical illnesses. The project will contribute to advancing our understanding of genomics in the context of patient outcomes.

Contract Research Agreements

This Contract Research Agreement is made between Management and Development Centre Pvt Ltd (MDC), represented by Dr. Mohammad Yameen Memon, and the College of Education, Ziauddin University, represented by Ms. Rana Hussain. The total amount to be paid to Ziauddin University under this agreement is PKR 420,000. The agreement encompasses two primary tasks: (1) Capacity building of the Sindh Teacher Education Development Authority (STEDA) in developing an accreditation framework to ensure the quality assurance (QA) of educational institutions, and (2) Capacity building of the Provincial Institute of Teacher Education (PITE) in designing a Continuous Professional Development (CPD) qualification framework for early-grade teaching, based on the accumulation of credits system.

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 organizations includes ATEA Pharmaceutical, Yisheng Biopharma and Huahui Health Limited

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. The Clinical Trial Unit (CTU) at Ziauddin University has solidified its position as a hub of excellence in clinical research, upholding international regulatory standards and Good Clinical Practices (GCPs). Over the course of 2024, the CTU made remarkable strides, advancing critical trials and successfully concluding its first clinical study. These achievements reflect the unit's unwavering commitment to driving medical innovation and improving patient care.

Below is a comprehensive overview of the CTU's activities and accomplishments:

ONGOING TRIALS

ONGOING TRIALS				
S. No	Trial name	Principal investigator	Amount	
1	A Phase 3 Randomized, 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, Randomized 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, Randomized, 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, Randomized, 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	

DEPARTMENT OF RESEARCH

The Department of Research at Ziauddin University has been at the forefront of academic excellence and innovation this year. By providing extensive support to undergraduate, postgraduate, and faculty research, the department has facilitated groundbreaking projects across diverse disciplines. With advanced facilities, national and international collaborations, and a number of training initiatives, the department continues to strengthen researchers, uphold ethical standards, and contribute to the global research community.

ACADEMIC SUPPORT

Throughout the year, the research department provided extensive academic support to undergraduates at FHS through laboratory training and Capstone projects. Postgraduate and faculty research projects, including MS, MDS, M.Phil., and Ph.D., were facilitated from inception to report writing. Committees like GEC/RC, ERC, and CRC ensured seamless guidance and ethical compliance.

CORE FACILITY SERVICES

Ziauddin University is offering core lab services at an affordable cost to the researchers. This includes RNA isolation, DNA isolation, cDNA synthesis, Gene expression, Gene polymorphism studies, Reverse Transcription, Primer Designing, PCR, RFLP, Gel Electrophoresis, Gel Imaging, Nucleic Acid Sequence Analysis, ELISA, HPLC, Routine and Specialized Histological Techniques along with high-resolution microscopy and advanced imaging technology. Core personnel continue to stay abreast of technological advances. It is encouraged to contact research scientists to arrange for a consultation or to provide feedback. Faculty is available to develop projects of all caliber, standard or custom assay design, and any other specialized application needs

SERVICES LAB

- 1. Haematology lab
- 2. Cytopathology & Histopathology lab
- 3. Clinical Microbiology Lab
- 4. Molecular Genetics Lab
- 5. Chemical Pathology Lab

MDRL

The state-of-the-art research and diagnostic facility (MDRL 1, 2 and 3) is available at Ziauddin University with the provision of advanced instrumentation and the provision of the following facilities:

- Molecular Biology Unit
- Cell Culture Facility
- Tissue Processing and Sectioning Facility
- Imaging Facility with High-Resolution Microscopy
- Immunohistochemistry and Immunocytochemistry Facility
- Power Lab
- Proteomics Lab
- Microbial Genomics Lab
- Animal House Facility

MDRL-1

- Molecular Biology
- Cell Culture

MDRL-2

- Cell Biology & Histology
- Microbial Genomics
- Bioinformatics
- Proteomics

MDRL-3

• Diagnostic Molecular Genetics Lab

MDRL-4

Animal House

CELL CULTURE FACILITY Equipment Available

- Class II Biohazard Safety Cabinet
- Live Cell Imaging Microscope
- Automated Cell Counter
- Centrifuge Machine
- CO2 Incubator
- Water Bath
- Fridge
- Liquid Nitrogen Tank
- Consumables

Molecular Biology Lab Equipment Available

- Real-Time PCR
- Thermal Cyclers
- Gel Electrophoresis Unit
- Gel Documentation System
- Refrigerated Centrifuge
- Analytical Balance
- Fridge
- -80°C Freezer
- Vortex machine
- pH meter
- Multiscan sky Spectrophotometer

Cell Biology & Histology Lab Equipment Available

- Nikon Ts2R-FL Inverted Microscope
- Dissecting Microscope
- Compound microscopes
- Fume hood
- Hot air oven
- Cold plate
- Hot plate
- Water bath
- Microtome

Frozen Section Lab Equipment Available

- Nikon ECLIPs Ei Microscope
- Cryostat Machine
- Computer

Bioinformatics & Computational Biology Lab Equipment Available

- Amber20
- Autodockvira
- Chimera116
- Cuda1143
- Growmacs20214
- MGLTools157
- NAMD20211211
- openmpi412

Microbial Genomics Lab Equipment Available

- Class II Biohazard Safety Cabinet
- Thermal Shaking Incubator
- Microscope
- Cold storage facility



INTERNATIONAL AND NATIONAL COLLABORATIONS

- Institute for Molecular and Cellular Regulation, Gunma University (IMCR), Japan.
- International Medical University, Kaula Lumpur, Malaysia
- Al-Faisal University Riyadh, Kingdom of Saudi Arabia
- Chapman University School of Pharmacy, USA.
- University of Ottawa, Canada.
- Suny Upstate Medical Center, Syracuse, New York, USA
- State University of New York at Stony Brook. Attending Infectious Diseases, Nassau University Medical Centre, USA.
- University of Wisconsin School of Medicine and Public Health Milwaukee, WI 53215, USA.
- Department of Oncology and Metabolism, Sheffield University, United Kingdom.
- Dr. Panjwani Centre for Molecular Medicine and Drug Research (PCMD), ICCBS, UoK, Pakistan.
- HEJ Research Institute of Chemistry, ICCBS, UoK, Pakistan.
- Centre for Bioequivalence Studies and Clinical Research (CBSCR), ICCBS, UoK, Pakistan.
- National Centre for Proteomics, UoK, Pakistan.
- Jamil-ur-Rehman Center for Genome Research, ICCBS, UoK, Pakistan
- Dow University of Health Sciences (DUHS)
- Agha Khan University

INTERNSHIP PROGRAMME

Throughout the year, the commitment to science and technology capacity building is maintained through a comprehensive internship programme. Students were trained in emerging fields like molecular medicine, bioinformatics, and stem cell culture, fostering critical thinking, analytical skills, and research capabilities, preparing them for advanced studies and independent research careers.

WORKSHOPS/SEMINARS ORGANISED IN 2023-24

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

- Fundamentals of Molecular Biology
- Research Methodology
- Molecular Biology Techniques
- Fundamentals of Cell Culture Techniques
- Advanced Histological Techniques
- Care & Use of Small Lab Animals
- Feasibility for ELISA

THE PAKISTAN JOURNAL OF MEDICINE AND DENTISTRY (PJMD)

PJMD has successfully published 13 volumes and 48 issues up to 2024. We have applied for indexing in Web of Science (Clarivate), which is currently in progress. The journal has a reputation for originality and quality, with a fair and transparent review process dedicated to the swift publication of original research work.

DIRECTORATE OF EDUCATIONAL DEVELOPMENT (DED) ACTIVITIES

DIRECTOR'S MESSAGE

It gives me immense pleasure and pride to be associated with this University. The Directorate of Educational Development is committed to aligning the ZU vision through leadership, collaboration, and research.

Our motto, 'reforms and innovations,' is meant for better educational transformations and expresses our commitment to promoting a conducive learning environment for everyone across ZU through the capacity building of higher education professionals.

Looking Ahead with Gratitude and Determination

The Directorate of Educational Development (DED) is committed to addressing the evolving challenges of modern education. By fostering creativity, leveraging digital tools, and promoting collaboration across ZU's faculty, we aim to meet and exceed international standards.

I sincerely thank our dedicated educators and administrative teams for their tireless efforts in supporting students and driving innovation in education. Together, we will continue to shape the future with purpose and resilience.

Let us remain connected, inspired, and forward-looking.

Dr. Iram Khursheed,

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

COLLABORATIONS

National/International Scholarly Proceedings:

- Participated on invitation from AKU as Educational Resource Person in the 5th Virtual (18th Annual) Mega Question Review scheduled on Saturday, August 10, 2024
- Participated as Guest Speaker in the 06th Annual Research Day held at AKU on April 06, 2024
- Facilitated Pre-conference Workshop titled 'OMP & SNAPPS: Precepting Models for Effective & Efficient Teaching & Learning in Clinical Setting' in the IMECON (International Medical Education Conference) held at the College of Physicians and Surgeons Pakistan (CPSP) on February 15, 2024
- Attended the 02nd Meeting on invitation from Jinnah Sindh Medical University for developing minimum CHPE standards on December 16, 2023.
- Attended a task force meeting on invitation from PMDC on medical education and patient care with medical universities to represent ZU on 09th December 2023



- Participated on invitation from CPSP as a workshop Committee member in the Pre-Conference meeting for IMECON 2024 held at CPSP on December 7, 2023.
- Attended 01st Meeting on invitation from Jinnah Sindh Medical University for developing minimum CHPE standards on November 22, 2023
- Commissioned as Inspector from PMDC to inspect the assigned institute for the recognition of the postgraduate programs under section 25 of PMDC Act 2022, scheduled on Thursday, October 19, 2023
- Participated on invitation from AKU Educational Resource Person in the 4th Virtual (17th Annual) Mega Question Review scheduled on Saturday, August 12, 2023
- Commissioned as Inspector from PMDC to inspect the assigned institute for the recognition of the undergraduate medical program scheduled on Thursday, August 10, 2023

DED HIGHLIGHTS 2024

- Conducted fifth and sixth CHPE (Certificate Course in Health Professions Education) courses.
- 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 programs.
- 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 at the undergraduate and postgraduate levels. (Refer to Summary of DED Activities from Jan-Dec 2024 / Annexure-1A:
- Conducted ongoing faculty development workshops on Educational Methodology for various ZU disciplines.

ZU PROGRAMMES

Sessions on Educational Methodology for Postgraduates of ZU:

- MPhil (Medical, Dental & Basic sciences) in Educational Methodology
- Workshops on post-hoc analysis interpretation for ZMC clinical faculty, as well as how to perform post-hoc analysis for Examination Department staff.

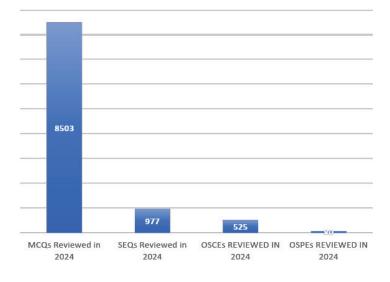
Course on Professionalism (Elective) for MSN:

• A 3-credit-hour (face-to-face) course, comprising 48 contact hours, spread over 16 weeks for MSN Batch-11.

NATIONAL AND INTERNATIONAL ENGAGEMENTS

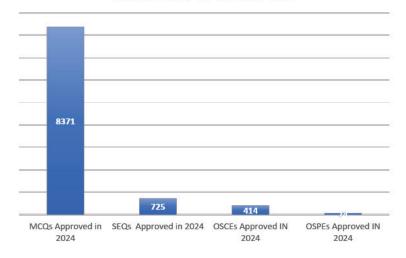
- Pre-conference workshops of an international conference titled IMECon-2023, convened by CPSP.
- International conferences at IoBM, SZABIST, SMIU, and Greenwich University.
- Research work, with five (5) publications in HPE during 2023-224
- Research work, with twelve (12) publications in Social Science during 2023-224

TOTAL NO. OF REVIEWED



MCQs Reviewed in 2024	8503
SEQs Reviewed in 2024	977
OSCEs REVIEWED IN 2024	525
OSPEs REVIEWED IN 2024	80
	10085

TOTAL NO. OF APPROVED



MCQs Approved in 2024	8371
SEQs Approved in 2024	725
OSCEs Approved IN 2024	414
OSPEs Approved IN 2024	74
	9584

COURSES OFFERED DURING 2024

CERTIFICATE COURSE IN HEALTH PROFESSION EDUCATION (CHPE 2024) BATCH-5 & 6

Educational Methodology Basic Level Course for ZU faculty

- 9-12 courses per year
- 1. Instruction
- 2. Curriculum
- 3. Assessment
- 4. Feedback

TOTAL DED WORKSHOPS CONDUCTED IN 2024: 36

STUDY GUIDES AND LOGBOOKS REVIEWED

MBBS Programme

S. NO	DATE	STUDY GUIDES	LOGBOOKS
1	10 th January 2024	Final year	
2	22 nd January 2024	First year	Patho
			Physio
			Pharma
			Biochem
			Anatomy
3	26 th January 2024	Second Year	
4	12 th February 2024	Third year (clinical)	Third year (clinical)
5	14 th March 2024	Third year	
	TOTAL REVIEWED	(05)	(06)

S.No	Date	STUDY GUIDES REVIEWED FOR ZCD
1	13-2-2024	BDS-1 st year
2	23-2-2024	BDS-2 nd year
3	10-1-2024	BDS-3 rd year
4	8-1-2024	BDS-4 th year

TOTAL STUDY GUIDES REVIEWED IN 2024= [04]

S. No	Date	PBL Topics	Academic Year
1	1-02- 2024	Painful swelling with teeth mobility	BDS-2 nd year
2	14- 02- 2024	An anxious businessman with sore tooth	BDS-1 st year
3	20- 03- 2024	My bay can't drink milk	BDS-1st year
4	08- 05- 2024	Why My teeth are yellow	BDS-1st year
5	29- 05- 2024	Dry mouth in old age	BDS-1 st year
6	12- 06- 2024	Bleeding Gum	BDS-2 nd year
7	03- 07- 2024	Why my mouth hearts	BDS-1 st year
8	02- 10- 2024	Why my mouth is deviated	BDS-1st year
9	23- 10- 2024	When growth becomes a problem	BDS-1st year

TOPIC-WISE LIST OF PBLs REVIEWED BY DED FOR ZMC		
PBL Topics	Academic Year	
Diabetes Mellitus – Type II	2 nd Year	
COPD	1st Year	
Lung Cancer	1 st Year	





تركم ZIAUDDIN UNIVERSITY ANTHEM ضياءالدين يونيو رستي

WRITTEN BY PROF. DR. PIRZADA QASIM RAZA SIDDIQUI

Jilaw mein roshni lai Ziauddin kehlai ye university

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

payam e justuju lai

Ziauddin kehlai

ye university

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

Yehi hey iski zebai,

Ziauddin kehlai

ye university

جلوميںروشنىلائى ضياءالدينكېلائى يەيونيورسٹى

جهانِ تازه کی باتیں . شعور وآگهی روشن نئی دنیا کی سو غاتیں . جمال فن . کمال فن

> پيام جستجولائی ضياءالدين کہلائی يہيونيورسٹي

یہاںپرکسبِ عِلم وآگبی روشن فضیلت ہے
یہ سبکچہ صاحبانِ عِلم وحکمت کی بدولت ہے
یہاں انسان اور انسانیت کی بات بوتی ہے
نیا اِک دن نکلتا ہے نئی اِک رات بوتی ہے

يېى باسكىزىيبائى ضياءالدىنكېلائى يەيونيورسىشى

