IBMS KMU

Volume # 2
(July 2026 Issue)

INSTITUTE OF BASIC MEDICAL SCIENCES

It gives me great pleasure to present this edition of our departmental newsletter, highlighting the achievements, activities, and milestones accomplished during the reporting period. The dedication of our faculty, students, and staff continue to drive excellence in education, research, and community engagement.
This newsletter reflects our shared commitment to excellence and growth. I sincerely thank all those who have contributed to the department's achievements and progress.
I wish you an enjoyable and informative reading experience.

Professor Dr. Inayat Shah
Director IBMS

ACADEMIC EXCELLENCE RECOGNIZED

The institute successfully achieved PMDC recognition for the previously pending programs, including PhD Anatomy, PhD Dental Materials, MPhil Human Nutrition, and MPhil Oral Biology, marking a significant milestone in its pursuit of academic excellence and quality assurance.

ADVANCING FORENSIC EDUCATION:MUSEUM INAUGURATION

The inauguration of the Forensic Museum marks a significant step in enhancing practical learning and research opportunities for students and faculty. The museum serves as a valuable educational resource, supporting excellence in forensic science education and training.

Dr Wahaj Anees, lecturer, department of forensic sciences and toxicology, KMU-IBMS becomes the first consultant PhD (from Sao Leopoldo Mandic, Brazil) in Forensic Odontology in Pakistan

Khyber Medical University (KMU) is proud to announce that Dr. Hafsah Muhammad, Biosafety & Biosecurity Officer, recently represented Pakistan at the prestigious International Training Course on Pathogen Detection and Biosecurity in Trieste, Italy. Organized by the ICGEB and UNODA, the program equipped her with advanced, hands-on training in high-containment laboratory practices alongside global experts. During the event, international leaders highly praised Dr. Hafsah's contributions to biorisk management and recognized KMU's ongoing initiatives in responsible science, highlighting the university's growing global engagement and strong commitment to advancing health security.

22nd Biannual Anatomy Research Day, Anatomy Department, IBMS KMU

The 22nd Biannual Anatomy Research Day was held on 23rd April 2026 at the Institute of Basic Medical Sciences (IBMS), Khyber Medical University (KMU), Peshawar. During the event, PhD Anatomy scholars presented their ongoing research progress, highlighting key developments in their respective fields. The progress of MPhil scholars at various stages of their research was also reviewed and discussed in detail. Additionally, first-semester PhD scholars presented the synopses of their proposed research projects. Director IBMS, Prof. Inayat, congratulated the Department of Anatomy for the successful organization of the event and appreciated the dedication and hard work of the students. To recognize and encourage academic excellence, the Head of the Department of Anatomy, Prof. Dr. Zilli Huma, awarded certificates for Best Presentation and Best Progress to Mahnoor Ali and Summaya Zafar in acknowledgment of their outstanding performance.

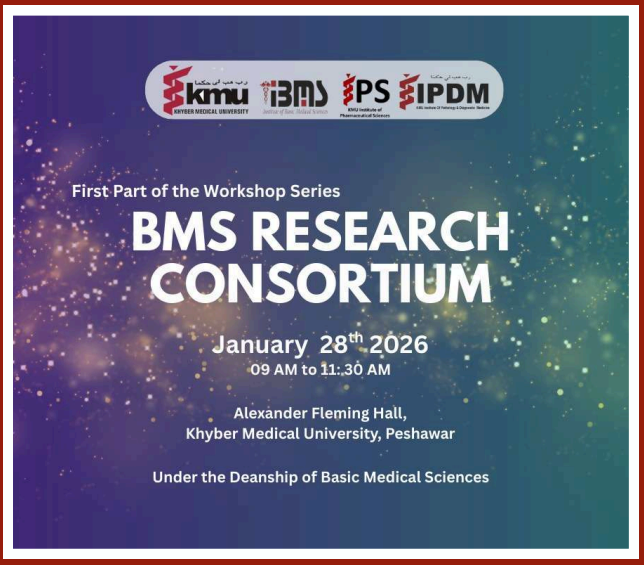
Practical Session on: Resilience and Disaster Preparedness 28th January 2026, KMU

On January 28, 2026, Khyber Medical University (KMU) partnered with Civil Defence Khyber Pakhtunkhwa to host an interactive awareness session titled "Resilience & Disaster Preparedness-Be Ready and Stay Safe." Attended by over 420 students, faculty, and staff, the event featured expert guidance from Commandant Mr. Abdun Nasir and his team on personal safety and disaster response. The comprehensive training equipped attendees with practical skills through structured building evacuation drills, emergency assembly coordination, and hands-on demonstrations of fire extinguisher operations. The successful event concluded with Prof. Dr. Zilli Huma presenting shields to the Civil Defence team in appreciation of their critical efforts to enhance campus safety.

First Part of the Workshop Series

BMS RESEARCH CONSORTIUM

Uniting Researchers, Advancing Science: The Inaugural BMS Research Consortium Meeting



UNDER THE DEANSHIP OF BMS

As a first step toward fostering a stronger research culture, the Deanship of Basic Medical Sciences organized the inaugural BMS Research Consortium Meeting, bringing together experienced faculty members from various departments and institutes of the university. The meeting aimed to establish a collaborative research network, promote interdisciplinary interactions, and identify shared research interests to strengthen intra-university research partnerships.

Event Highlights

EMBARKING ON EXCELLENCE: WELCOMING THE NEW GENERATION OF RESEARCHERS

BMS
INSTITUTE OF BASIC MEDICAL SCIENCES

The Orientation Day 2026 was organized to welcome the newly admitted MPhil and PhD scholars across various disciplines of Basic Medical Sciences. The event introduced students to the academic structure, research environment, institutional resources, and expectations of their respective programs. It also provided an opportunity for scholars to interact with faculty members and fellow researchers, fostering a supportive and collaborative learning environment at the start of their postgraduate journey

IBMS-KMU Shines in Ophthalmic Genetics

The Department of Molecular Biology and Genetics, Institute of Basic Medical Sciences, Khyber Medical University, Peshawar, achieved a remarkable distinction in the field of Ophthalmic Genetics by securing one first position and two second positions. This outstanding success reflects the dedication, scientific excellence, and research commitment of the team led by Prof. Dr. Musharraf Jelani.

Shahzad Ahmad, Lab Technologist at IBMS, secured 1st position in the poster competition at the second Annual Ophthalmic Genetics Seminar "Integrating Genomics & Functional Genetics" organized by Al-Shifa Trust Eye Hospital Rawalpindi.

"PATHOGENIC VARIANTS IDENTIFICATION IN PRIMARY CONGENITAL GLAUCOMA PATIENTS USING WHOLE EXOME SEQUENCING"

A Milestone of Success: Convocation 2026

SANGER SEQUENCING WORKSHOP

ARRANGED BY THE DEPARTMENT OF MOLECULAR BIOLOGY & GENETICS, INSTITUTE OF BASIC MEDICAL SCIENCES, KHYBER MEDICAL UNIVERSITY

THE WORKSHOP WAS DESIGNED TO ENHANCE PARTICIPANTS' PRACTICAL UNDERSTANDING OF MOLECULAR DIAGNOSTIC WORKFLOWS, WITH A SPECIAL FOCUS ON THE INTERPRETATION AND REPORTING OF SANGER SEQUENCING DATA.

The session was conducted under the patronage of Prof. Dr. Inayat Shah, Director IBMS-KMU, with Prof. Dr. Musharraff Jelani as trainer and Dr. Irshad Ahmad and Ms. Kiran Konain from Molecular Biology and Genetics as organizers.

IBMS-KMU

WELCOMES FOURTH BATCH OF FCPS PHYSIOLOGY TRAINEES

IBMS-KMU has welcomed its **fourth batch** of **FCPS Physiology** trainees under the supervision of Prof. Dr. Inayat Shah, reflecting the university's commitment to **excellence** in postgraduate medical education.

KHYBER MEDICAL UNIVERSITY

The Institute of Basic Medical Sciences (IBMS), Khyber Medical University (KMU),

has admitted the first and second batches of

FCPS Biochemistry trainees

under the academic supervision of Prof. Dr. Sadia Fatima,
an accredited College of Physicians and Surgeons Pakistan (CPSP) supervisor.

From Research Journey to Scholarly Achievement: M.Phil and PhD Defenses at IBMS-KMU

From Research Journey to Scholarly Achievement: M.Phil and PhD Defenses at IBMS-KMU

KHYBER MEDICAL UNIVERSITY

UNIVERSITY COLLEGE LONDON

Big News from KHYBER MEDICAL UNIVERSITY!

KMU Peshawar has officially signed a **MUTUAL COOPERATION AGREEMENT** with University College London (UCL)!

This collaboration will focus on **groundbreaking research in neurodegenerative and neurodevelopmental disorders,** bringing together the best minds from Pakistan and the UK.

A PROUD STEP TOWARDS GLOBAL RESEARCH COLLABORATION

Meritorious Prof. Dr. Zia Ul Haq
VC, KMU

Prof. Dr. Inayat Shah
Director,
IBMS, KMU

Dr. Zohaib Khan
Director
ORIC, KMU

Prof. Dr. Musharaf Jelani
KMU Project
Focal Person

- **Advancing Research** in Neuroscience & Neurodevelopment
- **Bringing Together** Expertise from Pakistan & the UK
- **Focus on Molecular** Biology, Genetics & Innovative Therapies
- **Working for a Better** Future for Humanity

Khyber Medical University, Hayatabad, Peshawar, KP, Pakistan

ADVANCING KNOWLEDGE TRANSFORMING LIVES

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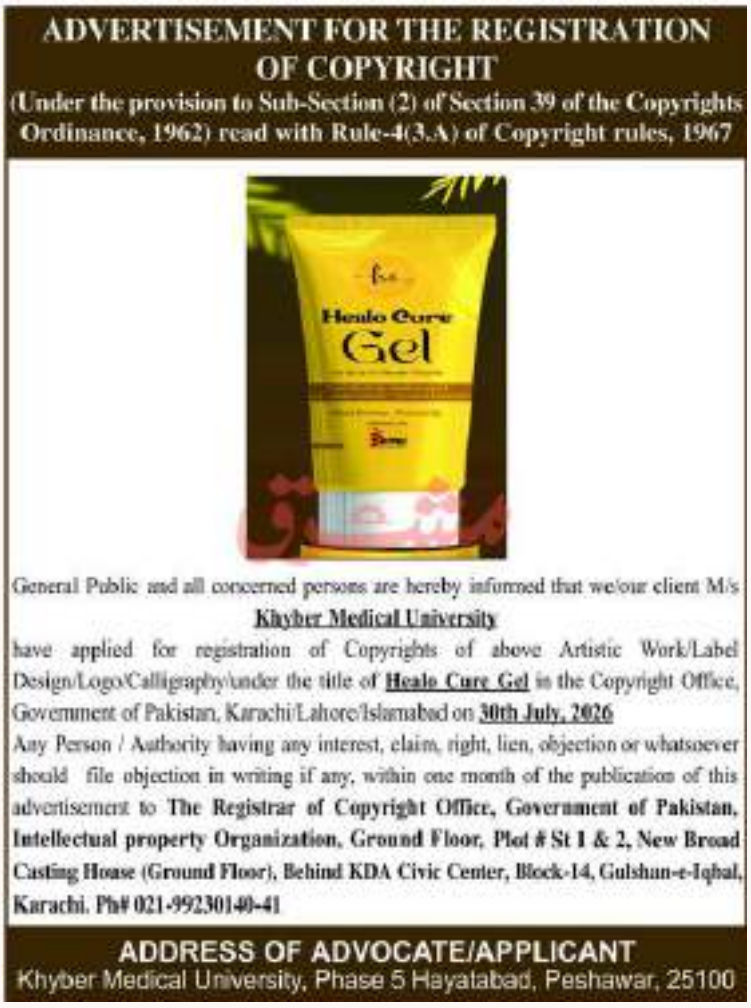
★ HISTORIC MILESTONE ★

KMU ACHIEVES A HISTORIC MILESTONE IN INTELLECTUAL PROPERTY PROTECTION

FIRST COPYRIGHT CLAIM
FILED BY KHYBER MEDICAL UNIVERSITY

IBMS-KMU has achieved a significant milestone by filing its first-ever copyright registration for the **Healo Cure Gel** label and product identity on 30 July 2026. This accomplishment reflects KMU's commitment to innovation, intellectual property protection, and research commercialization.



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Any Person / Authority having any interest, claim, right, lien, objection or whatsoever should file objection in writing if any, within one month of the publication of this advertisement to The Registrar of Copyright Office, Government of Pakistan, Intellectual property Organization, Ground Floor, Plot # St 1 & 2, New Broad Casting House (Ground Floor), Behind KDA Civic Center, Block-14, Gulshan-e-Iqbal, Karachi. Ph# 021-99230140-41

ADDRESS OF ADVOCATE/APPLICANT
Khyber Medical University, Phase 5 Hayatabad, Peshawar, 25100

The public notice has been published in accordance with the requirements of the Copyright Office, Government of Pakistan.

MEET THE TEAM

DR. SAEED UR RAHMAN

ASSOCIATE PROFESSOR
DEPARTMENT OF ORAL BIOLOGY

MS. KIRAN KONAIN

LECTURER
DEPARTMENT OF MOLECULAR BIOLOGY & GENETICS

DR. MASHAL SHARIF

RESEARCH SCHOLAR
DEPARTMENT OF ORAL BIOLOGY

FROM THE CLASSROOM: STUDENT'S CONTRIBUTION

THE SILENT ARCHITECT OF BLOOM

Human Interest • By Iqrasha Fakhar

At KMU Hazara Campus, Chacha Muneer quietly cares for the gardens that bring life and peace to the university grounds. For over four years, his patient work has often gone unnoticed by busy students. His story reminds us that dignity lies in sincere labour, and that small acts of care can leave a lasting impact.

FRIENDSHIPS AT KMU: AN UNEXPECTED BEGINNING

By Dr. Khushbakht

A reserved student arrives at KMU expecting academics, not friendship. Orientation, nervous jokes, the “MPhil survival squad,” biostatistics struggles and unreliable internet gradually turn unfamiliar faces into friends. As the article concludes, friendships begin quietly through shared panic, confusion and endless Anatomy discussions.

FAMILY LIFE OF A KMU STUDENT

By Dr. Momina Shakoor

The journey to MPhil Anatomy begins with early-morning preparations, family responsibilities and a long trip to Peshawar for orientation. Once online classes begin, lectures, assignments and presentations must fit around children, home and daily routines. The story highlights the challenge of balancing MPhil life with family and the support that makes it possible.

TASTE OF STUDENT LIFE

YUMMY OR YUCKY

By Dr. Momina Sohail

A Japanese fusion dining experience wins an enthusiastic verdict. Bao buns, dynamite prawns and dumplings impress first, followed by yaki udon and crispy sesame beef. After a very satisfying meal and even better leftovers the reviewer declares the experience “yummy” and looks forward to returning.