

RESEARCH
INNOVATION
IMPACT



GOMAL UNIVERSITY
DERA ISMAIL KHAN



Office of Research,
Innovation and
Commercialization

GU ORIC E-NEWSLETTER

QUARTERLY E-NEWSLETTER

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Research, Innovation, Commercialization & Academic Excellence



RESEARCH



INNOVATION



COLLABORATION



COMMERCIALIZATION



ACADEMIC EXCELLENCE



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ORIC Gomal
University
D.I.Khan

Director ORIC:
Dr Muzammil
Ahmad Khan

Manager Research
Support: Dr. Aisha
Siddiqua

Manager Innovation
Commercialization: Dr.
Umer Khitab

Manager Industrial
Linkage and Technology
Transfer: Dr. Sher
Zaman

WELCOME NOTE

Welcome to the inaugural edition of the Gomal University ORIC E-Newsletter. This quarterly newsletter highlights the University's achievements in research, innovation, commercialization, academic excellence, and industry-academia collaboration. It brings together key developments, activities, events, research initiatives, partnerships, and accomplishments from across the University. Through this newsletter, ORIC aims to promote research and innovation, encourage collaboration, and showcase the valuable contributions of faculty, researchers, students, and supporting staff.

**Office of Research, Innovation & Commercialization
(ORIC) Gomal University**

ABOUT ORIC

The Office of Research, Innovation and Commercialization (ORIC), Gomal University works to strengthen the University's research and innovation ecosystem. ORIC facilitates research activities, encourages collaboration among researchers and institutions, promotes innovation and entrepreneurship, and supports the commercialization of research outcomes.

The office also aims to strengthen linkages between academia, industry, government organizations and society so that research and knowledge generated at the University can contribute to practical solutions and socio-economic development.

DIRECTOR ORIC's MESSAGE

On the directives of Higher Education Commission, Islamabad, the full-fledged Office of Research Innovation and Commercialization (ORIC) in Gomal University has been established in 2014 to link research and commercialization from the Gomal University with emerging and existing firms across Pakistan and around the world. ORIC will develop its mechanism for research commercialization and will establish a Business/Technology Incubator to work closely for innovation and entrepreneurship. Gomal University laid the foundation of ORIC in September 2014. Since inception, ORIC had started working its activities as per HEC guideline. ORIC is committed to provide continuous support and facilitation to the researchers for the conduct of quality research in the university. Contributions of this office are reflecting in the Annual Report of Gomal University, 2024-25. First time in the history of Gomal University, ORIC obtained 45 points in the HEC Annual ORIC Score Card and secured the position In Y Category. 19 research projects were submitted to HEC & Non-HEC funding agencies, 3 research projects were approved and 6 research projects were completed during 2024-25 besides winning numerous start up research grants by fresh Ph.D. faculty members appointed as Intern Placement for Foreign Students (IPFP), which have also recently



been awarded. ORIC has started work on IPR and three patents have been filed to IPO Pakistan. Z. JANS pharmaceutical industries agreed to commercialize a product from Gomal University via ORIC.

Dr. Muzammil Ahmad Khan
Director ORIC
Gomal University

VISION, MISSION, CORE VALUES OF GOMAL UNIVERSITY

Vision

To be a premier seat of learning that transforms lives. Through merit-based excellence, fostering a knowledge-based economy rooted in Islamic values and national pride.

Mission

To provide affordable, high-quality multidisciplinary education that ensures equal opportunity for students from all socio-economic backgrounds, particularly those from underserved regions. To advance a culture of innovation and indigenous research aimed at solving local socio-economic challenges and contributing to the nation-building process.

To facilitate the behavioral transformation and moral grooming of students, producing graduates who are technically proficient, ethically grounded, and socially responsible. To cultivate entrepreneurial mindsets and employable skills, equipping our youth to become leaders in the global digital.

Core Values

We uphold the highest standards of transparency and fairness, ensuring that meritocracy remains the sole bridge to success in all academic and administrative pursuits. We are committed to character building and moral grooming in light of Islamic principles and the ideology of Pakistan.

We dedicate our intellectual resources to socio-economic transformation, prioritizing the welfare of our community and the prosperity of the federation. We encourage a spirit of inquiry and creative problem-solving to address the evolving needs of the 21st-century workforce.

We champion the right to affordable education, removing barriers to ensure that talent is never stifled by financial or social constraints. We take collective ownership of our performance, ensuring institutional excellence through rigorous self-evaluation and HEC compliance. We foster a culture of perseverance and adaptability.

ACADEMIC ACTIVITIES & ACHIEVEMENTS

Academic Activities

Currently, 15603 on campus students are enrolled in the graduate, post-graduate, MS/M. Phil and PhD programs in the Gomal University bracket under nine Faculties, 14 Institutes, two Centers, two Colleges and having 52 departments. Moreover, Master programs in Arabic and Islamic Research, English Literature, Institute of Education and Research, Mass Communication, Mathematics, Political Sciences, Business Administration, Commerce, Pak Studies and Urdu are being offered in the university. 21000+ students are in the affiliated colleges / institutes regular and private.



Academic Achievement

The number of regular PhD faculty members at the university has increased significantly over the past two years.

The University's faculties have published more than 775 research articles in national and international journals. Various departments have organized more than 30 seminars, conferences, symposiums, exhibitions, and workshops covering a wide range of important topics, featuring renowned national and international speakers. The University has also received approval to start PhD programs in English, Electrical Engineering, and Biochemistry.

New Degree Program

Gomal University has recently introduced Postgraduate programmes in PhD English, PhD Electrical Engineering and PhD Biochemistry. In addition, multiple undergraduates and graduate programs have been launched at Tank Campus.

RESEARCH COLLABORATIONS

Gomal University has successfully established several research collaborations during 2025-26, representing significant achievement for the university.

FOREIGN ACADEMIC LINKAGES

Partner University	Country	Research Focus	Status
American Institute of Pakistan Studies	USA	Pakistan Studies	Active
UTAH Center for Genetic Discovery, University of Utah	USA	Genetics & Molecular Studies	Active
University of Central Lancashire	UK	Public Health & Social Sciences	Active
BWO Researches	Canada	Agri-Innovations	Signed
South China Hospital, Medical School, Shenzhen	China	Public Health	Signed
Shaanxi Mechanical & Electrical Technical School	China	Engineering & Technology	Active
Hubei Three Gorges Polytechnic	China	Technical Training	Active

NATIONAL INSTITUTIONAL LINKAGES

S.No	Name of Organization Signing MoUs
01	Islamabad Diagnostic Centre (IDC), Islamabad, Gulf Hospital, Islamabad
02	Kindernothilfe (KNH) Pakistan, D.I. Khan and GU
03	Gomal University & Sahara Save Earth (Shajar Dost)
04	Gomal University, Dera Ismail Khan & State Life Insurance Corporation of Pakistan
05	Gomal University and U Learn
06	Zari Taraqati Bank Limited (ZTBL) and GU
07	Gomal University and Multi Mehmood(MMN-MTI), DIK

GLIMPSES OF INSTITUTIONAL MoUs SIGNING CEREMONY:



Islamabad Diagnostic Centre (IDC), Islamabad, Gulf Hospital, Islamabad



Gomal University and U-Learn Private Limited Sign MoU for E-Learning, AI and Digital Education



MoU Signed Between Gomal University and Zakat Foundation



Gomal University Signs MoU with State Life Insurance for Employee Welfare



Gomal University Signs MoU with Sahara Save Earth for Environmental Protection



MoU Signing Ceremony with Zarai Taraqati Bank Limited

CONFERENCES, SEMINARS, WORKSHOPS & TRAINING

S.No	Conference/Seminar/Workshop/Training
01	One day CME Conference & Research Expo
02	One-Day Hands-on Workshop on Next-Generation Sequencing, Data Analysis & Diagnostic Report Writing
03	"Inside the mind of a suicidal individual, understanding the psychological processes" Seminar arranged by Department of Psychology, Gomal University and Department of Psychology, Gomal Medical College
04	STEM Education organized by ORIC, Gomal University
05	"Mualam ul Quran: Teacher Training program" Organized by Gomal University and National consultant program for understanding of Holy Quran, HEC
06	VETS IN VENTURE launching Social Enterprises for Animal & Humans
07	5 th 2-day DOSTI Peshawar Literature Festival - D.I.Khan Chapter 2026

GLIMPSES OF ACADEMIC ACTIVITIES:



One - Day CME Conference & Research Expo.



VETS IN VENTURE launching Social Enterprises for Animal & Humans.



Social enterprise leadership program organized by Younis center, Asian Institute of Technology (AIT), Thailand. Office Of Research Innovation & Commercialization (ORIC)



STEM Education and its Challenges.

01-DAY HANDS-ON WORKSHOP ON NEXT GENERATION SEQUENCING (NGS), DATA ANALYSIS & DIAGNOSTIC REPORT WRITING

Jointly organized by ORIC & GCBB, Gomal University, D I Khan in collaboration with Khyber Medical University (KMU), Peshawar

SCHEDULE 05, JANUARY, 2026 09:30AM - 03:00 PM

LOCATION AUDIO, VIDEO CONFERENCE HALL, GOMAL UNIVERSITY

Guest Speakers

Dr. Musharraf Jaleel
Prof of Molecular Biology & Genetics, Institute of Basic Medical Sciences KMU Peshawar

Dr. Qasim Zaman
Governor of Peshawar College, Chaghi, Malakand

Mr. Yousaf Khan
ADST, Laboratory Director, Medical University Peshawar

One-Day Hands-on Workshop on Next-Generation Sequencing, Data Analysis & Diagnostic Report Writing.



Among the top 3 participant in an 11 - week FDP program on social enterprise and peacebuilding organized by UNODC and ministry of planning and development.

Important Development for Allied Health Sciences Students

A significant meeting regarding the Faculty of Allied Health Sciences, Gomal University, was held in Peshawar under the chairmanship of Khyber Pakhtunkhwa Minister for Higher Education and Local Government, Meena Khan Afridi, with the participation of Vice Chancellor Prof. Dr. Muhammad Zafar Iqbal, KMU officials, and representatives of the Higher Education Department. Key decisions were taken to support students' academic progress, clinical training, and professional development. KMU directed the concerned Medical Teaching Institution (MTI) and hospital administration to immediately facilitate clinical training under the existing agreement. Special internship opportunities were also proposed, along with the allocation of seats to recognized and quality institutions.



RESEARCH AND DEVELOPMENT

Research and Development (R&D) plays a vital role in advancing scientific knowledge, technological innovation, and national economic growth. Gomal University is committed to strengthening research and development through modern curricula, research methodology courses, laboratory work, internships, theses, and dissertations at various academic levels.

The University continues to enhance research infrastructure and promote research ethics and collaborative research among faculty members. Through ORIC, special emphasis is being placed on commercialization, innovation, patent filing, and product licensing. MPhil and PhD research synopses are evaluated for novelty and commercialization potential before approval, encouraging impactful and market-oriented research. ORIC also organizes seminars and awareness activities on patents and licensing to further strengthen the University's academic, research, and innovation ecosystem.

PROJECTS

Projects play a vital role in the development of the university. The following tables present details of projects submitted, approved and completed during 2025-26.

World's Top 2% Scientists

Gomal University proudly recognizes its researchers who have been included among the World's Top 2% Scientists, a prestigious recognition highlighting outstanding research impact and scholarly contributions. Prof. Dr. Barkat Ali, Prof. Dr. Kamran Tahir, and Dr. Fazal Haq are among the University's faculty members selected for this recognition.

This achievement reflects their dedication to advancing knowledge, producing impactful research, and strengthening the University's position in the global research community.



RESEARCH PROJECTS SUBMITTED UNDER NRPU SCHEME 2025

LIST OF RESEARCH PROJECT CONCEPT PAPER SUBMITTED TO NRPU 2025-26-HEC ISLAMABAD

S.No	Name of Principal Investigator	Department / Faculty
01	Dr. Ahmad Naeem, Assoc. Prof.	DELL
02	Dr. Atta Ur Rehman, Asst. Prof.	IBS
03	Dr. Niamat Ullah Baloch, Asst. Prof.	IBS
04	Prof. Dr. Jabbar Khan	IBS
05	Prof. Dr. Sheikh Zain Ul Abidin	IBS
06	Prof. Dr. Asma Saeed	IBS
07	Prof. Dr. Hadia Gul	IBS
08	Prof. Dr. Muzammil Ahmad Khan	GCB
09	Prof. Dr. Arshad Farid	GCB
10	Dr. Aftab Ahmad, Assoc. Prof.	Physics
11	Prof. Dr. Muhammad Ammar Khan	Physics
12	Prof. Dr. Fawad Khan	Physics
13	Dr. Ilyas, Asst. Prof.	Physics
14	Dr. Qudrat Ullah Khan, Asst. Prof.	Soil Sciences
15	Prof. Dr. Muhammad Adeel Ahmad	Soil Sciences
16	Professor. Dr. Muhammad Adeel	ICS
17	Dr. Fazal Haq, Assoc. Prof.	ICS
18	Prof. Dr. Hidayat Ullah Khattak	ICS
19	Dr. Hamid Masood Khan, Assoc. Prof.	ICIT
20	Dr. Ijaz Khan, Assoc. Prof.	IT
21	Dr. Robina Khan, Asst. Prof.	Pol.Sciences

22	Prof. Dr. Sadaf Javeria	IFS&N
23	Dr. Tufail Nawaz, Assoc. Prof.	IBA
24	Dr. Zafar Khan, Assoc. Prof.	IER
25	Dr. M.Mamoon-Ur-Rashid Assoc. Prof.	Entomology
26	Dr. Jamshaid Iqbal Assoc. Prof.	Entomology
27	Dr. Obaid Ullah Sayal, Assoc. Prof.	PBG
28	Dr. Mohib Ullah Khan, Assoc. Prof.	PBG
29	Dr. Mehwish Kiran, Assoc. Prof.	Horticulture
30	Prof. Dr. Kashif Waseem	Horticulture
31	Prof. Dr. Aisha Siddiqua	GCB
32	Dr. Inam Ullah, Asst. Prof.	FVAS
33	Dr. Alam Zaib, Assoc. Prof.	FVAS
34	Professor. Dr. Faiqa Ramzan	FVAS
35	Dr. Shakir Ullah, Assoc. Prof.	FVAS
36	Prof. Dr. Kamal Shah	FVAS
37	Prof. Dr. Shoib	FVAS
38	Dr. Ali Zaman, Assoc. Prof.	FVAS
39	Dr. Shefaat Ullah Shah Assoc. Prof.	Pharmacy
40	Dr. Rakhshanda Habib Asst. Prof.	Pharmacy
41	Dr. Sheikh Abdur Rashid, Assoc. Prof.	Pharmacy
42	Professor. Dr. Barkat Ali Khan	Pharmacy
43	Dr. Ehtasham Mustafa, Assoc. Prof.	FET
44	Dr. Aamir Nawaz, Asst. Prof.	FET

Dr. Ehtasham Mustafa Secures HEC-NRPU Research Grant Worth PKR 5.1744 Million

Gomal University has secured an HEC National Research Program for Universities (NRPU) research grant worth PKR 5.1744 million. The project, titled "Development of IDC-Based Sensing Systems for Condition Monitoring of Low-Voltage Cables Using Dielectric Spectroscopy," is led by Dr. Ehtasham Mustafa, Assistant Professor, Department of Electrical Engineering, as Principal Investigator (PI). The research focuses on developing innovative sensing systems for early detection of cable degradation, enhancing electrical safety, reliability, and asset management. It will also support postgraduate research and capacity building in electrical insulation diagnostics and cable condition monitoring. The grant reflects the growing research capacity of the Department of Electrical Engineering and Gomal University's commitment to innovative research and technological development.



QUARTERLY HIGHLIGHTS

01 JANUARY 2026

Psychotherapy Counselling Camp Held at Gomal University



03 FEBRUARY 2026

Five-Day Training Program for Administrative Capacity Building



04 FEBRUARY 2026

Professional Development Training



05 FEBRUARY 2026

Training Session on Planning, Audit & Financial Management



09 FEBRUARY 2026

Training Session on AI, Digital Records & Cybersecurity



09 FEBRUARY 2026

Session on Strategic Planning & Institutional Development



13 FEBRUARY 2026

Seminar on Suicide Prevention & Mental Health Awareness



15 FEBRUARY 2026

Training Workshop on Modern Approaches to Teaching the Holy Quran



GOMAL UNIVERSITY

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CLOSING REMARKS

As we conclude this edition of the ORIC E-Newsletter, we sincerely appreciate the faculty, administrative officers, staff, students, scholars and academic departments for their valuable contributions.

Under the leadership and supervision of Dr. Muzammil Ahmad Khan, Director ORIC, the office continues to promote research, innovation, collaboration and academic excellence across the University.

We look forward to continued collaboration and meaningful engagement in the coming quarters.

SUPPORTING STAFF

The ORIC team comprises dedicated and committed staff members who support the office in its research, innovation, commercialization, coordination and administrative activities under the leadership and supervision of Dr. Muzammil Ahmad Khan, Director ORIC.

S.NO	Name	Designation
01	Muhammad Ramzan	Assistant Director
02	Fozia Haroon	PA to Directorate of ORIC
03	Tufail Ahmad Shah	Junior Clerk
04	Hameedullah	Junior Clerk
05	Hamid Ur Rehman	Naib Qasid

“

“Together, we contribute, collaborate and create impact.”

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CONNECT WITH ORIC



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RESEARCH
Advancing knowledge through
quality research



INNOVATION
Encouraging creativity and
transforming ideas into solutions



COLLABORATION
Building partnerships for
greater impact

OFFICE OF RESEARCH, INNOVATION & COMMERCIALIZATION (ORIC)
GOMAL UNIVERSITY, DERA ISMAIL KHAN, KHYBER PAKHTUNKHWA, PAKISTAN
Driving Research, Inspiring Innovation. Building a Better Tomorrow.