

RESEARCH ROUND UP

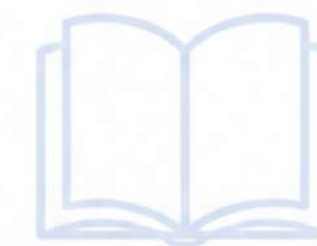
January - June 2026



“Research is the bridge
between knowledge
and a better tomorrow.”



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ABOUT THE OFFICE OF RESEARCH, INNOVATION & COMMERCIALIZATION



VISION

Becoming Pakistan's
Leading Research University



MISSION

We are committed to transforming the lives of our students, faculty, staff, and alumni by providing an excellent learning and research environment that ensures success in their lives and careers.

We believe in developing emotionally intelligent 'Superheroes' who can create social and economic impact through an entrepreneurial mindset to build a Superior Pakistan.

OUR ETHOS



Innovation



Sustainability



Commercialization



Ethics



Inclusivity



Commitment

X
CATEGORY

HEC ORIC Validation
FY 2024-25

This national recognition reflects Superior University's commitment to research excellence, innovation, commercialization and sustainable academic development.

3rd

in Punjab
Private Sector
Universities

X
CATEGORY

HEC ORIC Validation
FY 2024-25

**Top
10th**

in Pakistan
(Public & Private
Universities)

INSTITUTIONAL EXCELLENCE

3rd

in Punjab

Private Sector
Universities

10th

in Pakistan

(Public & Private
Universities)

FY 2024-25

RESEARCH THAT CREATES IMPACT

8

STRATEGIC RESEARCH THEMES

Research at Superior University extends beyond traditional academic boundaries. By aligning research with institutional priorities, we foster cross-faculty collaboration to produce solutions that improve lives, strengthen industries, inform public policy, protect the environment, and advance sustainable development.



1 Health, Wellness &
Determinants of
Human Health



2 Emerging Technologies &
Sustainable Communities



3 Expanding Partnerships,
Innovation &
Entrepreneurship



4 Agriculture, Food &
Bio-Economy



5 Public Policy and
Governance



6 Justice & Equality



7 Culture, Art, History,
Identity



8 Climate Change
Adaptability



Cross-faculty
Collaboration



Solutions for
Real-world
Challenges



Impact for
Society &
Sustainable
Development

PUBLICATIONS SHOWCASE RESEARCH ACROSS DIVERSE DISCIPLINES

Superior University continues to strengthen its research portfolio through high-quality publications spanning multiple disciplines and emerging interdisciplinary fields.

RESEARCH THEME / FACULTY	PUBLICATIONS
Health & Medical Sciences (Medicine, Pharmacy, Nursing, Dentistry, Health Professions, Neuroscience, Immunology)	91
Engineering & Technology (Engineering, Chemical Engineering, Materials Science, Energy)	92
Computer Science & Artificial Intelligence	37
Life Sciences & Biotechnology (Biochemistry, Genetics, Molecular Biology, Agricultural & Biological Sciences)	53
Business, Economics & Management	41
Chemistry & Environmental Sciences	44
Social Sciences & Psychology	36
Physical & Mathematical Sciences (Physics, Mathematics, Earth Sciences)	22
Interdisciplinary Research	12

2607

RESEARCH
PUBLICATIONS
ACROSS
DISCIPLINES



This strong presence in Q1 and Q2 journals reflects the University's emphasis on publishing research that meets rigorous international standards and contributes meaningfully to scientific advancement.

RESEARCH QUALITY HIGHLIGHTS

Superior University's publication quality continues to demonstrate steady progress, with a significant proportion of research appearing in internationally recognized journals.

RESEARCH WITHOUT BORDERS

Research at Superior University is increasingly driven by collaboration. Through joint publications with researchers from leading institutions across Pakistan and around the world, the University continues to expand its research network and enhance the global visibility of its scholarly work.

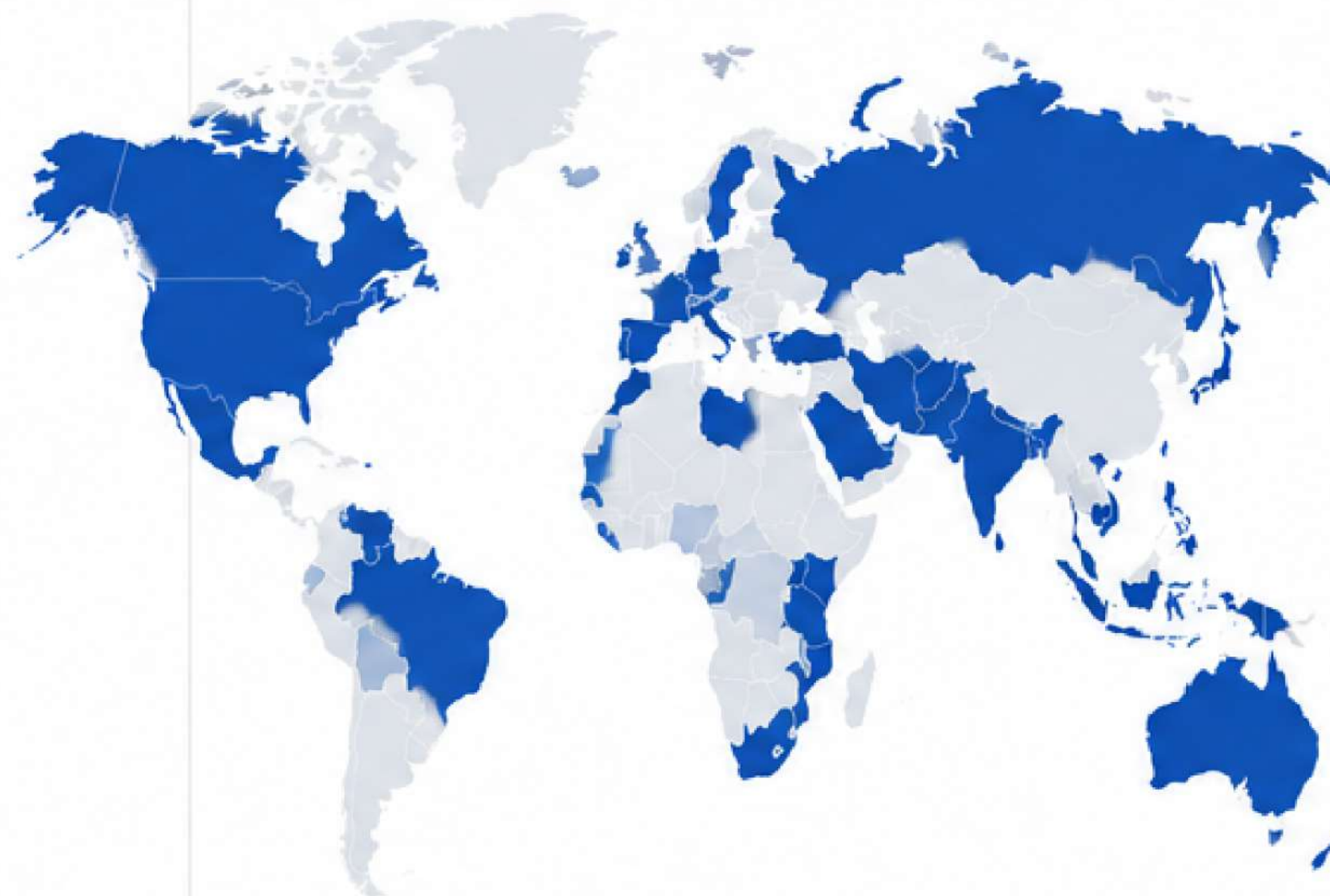


295
INTERNATIONAL
RESEARCH
COLLABORATIONS



231
NATIONAL
RESEARCH
COLLABORATIONS

These collaborations represent research papers co-authored with national and international institutions, enabling knowledge exchange, multidisciplinary research, and broader scientific impact. By working across institutional and geographical boundaries, Superior University's researchers are contributing to globally relevant discoveries while strengthening the University's international research presence.



GLOBAL RESEARCH NETWORK

- Algeria
- Australia
- Azerbaijan
- Bangladesh
- Belarus
- Belgium
- Brazil
- Bulgaria
- Canada
- China
- Croatia
- Cyprus
- Czech Republic
- Finland
- France
- Georgia
- Germany
- Hungary
- India
- Indonesia
- Iran
- Iraq
- Ireland
- Italy
- Japan
- Kazakhstan
- South Korea
- Kosovo
- Malaysia
- Mexico
- Morocco
- Norway
- Palestine
- Philippines
- Poland
- Portugal
- Romania
- Russia
- Rwanda
- Singapore
- Somalia
- Sweden
- Switzerland
- Thailand
- Turkiye
- Uganda
- UK
- Ukraine
- USA
- Uzbekistan
- Yemen
- Nigeria
- France
- Pakistan

STRENGTHENING PAKISTAN-TÜRKİYE ACADEMIC COLLABORATION

Superior University had the honour of hosting H.E. Mehmet Eymen Şimşek, Consul General of Türkiye, in a strategic meeting with Rector Prof. Dr. Sumaira Rehman to strengthen academic and research collaboration between the two brotherly nations. The discussion focused on expanding partnerships, student & faculty mobility, and joint academic programs to create stronger global pathways for students.



44
PARTNER
UNIVERSITIES

Superior University has built strong momentum in Türkiye with 44 partner universities.



100+
STUDENT
MOBILITIES

Active Erasmus+ exchanges and 100+ student mobilities achieved in just one year.



3U1M
PROGRAM

The flagship 3U1M Program was also appreciated for delivering structured international exposure with real impact.

SUPERIOR UNIVERSITY SHOWCASES GLOBAL PRESENCE AT EURIE SUMMIT, ISTANBUL

Superior University participated in the Pakistan Pavilion hosted by the Association of Private Sector Universities of Pakistan (APSUP) at the Eurasia Higher Education Summit (EURIE), Istanbul.

Engaging with representatives from 61+ countries and 380 international universities, the University—alongside Chairman APSUP, Prof. Dr. Chaudhry Abdul Rehman, and Vice President Sumaiyya Umrinboud to high-level academic dialogue and collaboration building.

The engagement resulted in the advancement of multiple Memorandums of Understanding (MoUs) and strategic academic partnerships. Strong collaboration interest was received from universities across Türkiye, Romania, Iraq, Bulgaria, Indonesia, the United States, Brazil, and several other countries.



SUPERIOR UNIVERSITY ENGAGES IN HIGH-LEVEL ACADEMIC DIALOGUE WITH COUNCIL OF HIGHER EDUCATION, TÜRKİYE

Superior University participated in a high-level strategic meeting with Prof. Dr. Erol Özvar, President of the Council of Higher Education, Türkiye, as part of ongoing efforts to strengthen international academic collaboration.

The engagement was led by Prof. Dr. Chaudhry Abdul Rehman, Chairman APSUP, and included key representation from Superior University, with Rector Prof. Dr. Sumaira Rehman and Vice President Chaudhry Hamza Rehman in attendance.

During the meeting, Prof. Dr. Sumaira Rehman, as APSUP Delegation Chair, presented Superior University's transformative educational model, emphasizing its character-based framework centered on Character, Courage, and Competence, which received strong appreciation from international participants.

In a significant development, Prof. Dr. Erol Özvar invited Pakistani universities to join Türkiye's 500 Research Projects Initiative, opening new avenues for research collaboration and academic exchange between the two countries.



SUPERIOR UNIVERSITY EXPLORES ACADEMIC COLLABORATION WITH ASIA PACIFIC UNIVERSITY OF TECHNOLOGY & INNOVATION, MALAYSIA

A delegation from Superior University, led by Chairman The Superior Group, Prof. Dr. Chaudhry Abdul Rehman, and Rector Prof. Dr. Sumaira Rehman, held a productive meeting with the Vice Chancellor and senior leadership of the Asia Pacific University of Technology & Innovation (APU), Kuala Lumpur, Malaysia.

The discussion centered on educational technology, digital transformation, innovation in higher education, and internationalization strategies, with a shared focus on preparing future-ready graduates through global academic collaboration.

The engagement opened new avenues for mutual learning, exchange of best practices, and potential institutional partnerships aimed at strengthening academic excellence.



CAPACITY BUILDING

Advancing Research for Evidence-Based Local Governance

Superior University continues to strengthen its role in informing public policy through research-driven dialogue that connects academia with government and policy stakeholders. Hosted by the Office of Research, Innovation and Commercialisation (ORIC), the Policy Talk Series: Scoping the Research Agenda for Local Governance Punjab convened policymakers, researchers, and governance experts to identify priority research areas that can support more effective and evidence-based local governance.

The forum featured Provincial Minister for Local Government Mr. Zeeshan Rafique, alongside distinguished policy and academic experts including Majid Zahoor, Javaria Qais, Dr. Sajid Hussain, Hamid Masood, Dr. Nasir Khan, Dr. Muneeba Iftikhar, Masood Raza Ahir, Dr. Mukhtar Ahmed, and Usman Bhatti. Bringing together expertise from government, academia, and the policy community, the event created a collaborative platform to examine emerging governance challenges, identify research priorities, and explore evidence-based approaches to improving urban management, civic services, and sustainable community development.

The Policy Talk Series reflects Superior University's strategic commitment to producing research that informs public policy, strengthens institutional partnerships, and addresses national and regional development priorities. By facilitating interdisciplinary dialogue and collaboration with key stakeholders, the University continues to expand its research ecosystem and enhance the translation of academic knowledge into practical policy solutions with measurable societal impact.

The event concluded with a recognition ceremony, where Majid Zahoor presented a commemorative shield to Mr. Zeeshan Rafique in appreciation of his participation and support for strengthening academia-government collaboration.



237

Capacity building activities till date.



26

Knowledge Products.

RESEARCH WEEK 2026



Theme:
Artificial Intelligence for a Sustainable Future

Thematic Areas:

-  AI in Entrepreneurship
-  AI in Healthcare
-  AI in Cyber Defence
-  AI in Food Security (Agriculture & Livestock)

Superior University successfully hosted Research Week 2026 under the theme "Artificial Intelligence for a Sustainable Future," bringing together researchers, industry experts, policymakers, and students to explore AI-driven solutions for sustainable development.

Held from 15–24 April 2026 across the University's campuses, the event featured more than **36 Activities** like Policy Consortium, seminars, workshops, webinars, panel discussions, symposia, and competitions focused on AI in Healthcare, Entrepreneurship, Cyber Defence, and Food Security.

The initiative strengthened Superior University's research ecosystem by promoting interdisciplinary collaboration, knowledge exchange, and partnerships across academia, industry, and government. Through faculty-led discussions and research presentations, the University reinforced its commitment to developing evidence-based, innovation-driven solutions that address emerging national and global challenges.

RESEARCH WEEK HIGHLIGHT

	Policy Consortium	1		Panel Discussions	6
	Seminars	7		Training Workshops	8
	Summit	1		Symposium	2
	Webinar	9		Conferences	1
	Competition	1			
 12 Faculties & 3 Sub-campuses Participated.			 1000+ Participants		
			 18 Knowledge Products produced.		

FACULTY CONTRIBUTIONS

RESEARCHERS DRIVING EXCELLENCE



Dr. Sohail Masood Bhatti

Associate Professor,
Faculty of CSIT

The award of a PKR 7.5 million HEC NRPUR research grant contributes to Superior University's growing portfolio of externally funded research. The project in intelligent systems supports the University's focus on applied research, strengthens research capacity in computer science, and creates opportunities for collaboration and innovation in emerging technologies.



Dr. Manzoor Elahi

Associate Professor,
Faculty of Engineering and
Technology

Representing Superior University as an invited speaker at the International Conference on Solar Radiation Modification, Dr. Manzoor Elahi contributed to international discussions on energy and climate resilience. His participation strengthened the University's global academic engagement and created opportunities for knowledge exchange with researchers working on sustainable energy solutions.



Prof. Dr. Arfan Jaffar

Dean,
Faculty of CSIT

The Quaid-i-Azam Gold Medal 2026 awarded to Prof. Dr. Arfan Jaffar reflects the academic leadership within Superior University. The recognition highlights the University's commitment to excellence in teaching, research, and institutional development while reinforcing its reputation in Pakistan's higher education sector.



Dr. M. Khuram Razzaq

Faculty of Agriculture and
veterinary Sciences

Dr. M. Khuram Razzaq's appointment as a Topic Editor for Frontiers in Plant Science (Q1) strengthens Superior University's presence in the international research community. His editorial role supports global scholarly collaboration and reflects the University's growing contribution to research in sustainable agriculture and plant sciences.



Dr. Ali Aslam

Faculty of Agriculture and
veterinary Sciences

As a Topic Editor for Frontiers in Plant Science (Q1), Dr. Ali Aslam contributes to advancing high-quality research in plant sciences. His appointment enhances Superior University's engagement with international research networks and supports its commitment to addressing challenges in agriculture and food security through scientific research.

STUDENT RESEARCH EXCELLENCE

DEVELOPING FUTURE RESEARCHERS

“

Smart Pill Dispenser
has also earned an

**Outstanding
Performance
Certificate**

at AI GENESIS,
the largest
AI hackathon in
the Middle East”

Smart Pill Dispenser Team

Superior University's student-led Smart Pill Dispenser startup represented the University at Web Summit Doha 2026, highlighting the growing impact of its innovation and entrepreneurship ecosystem. Developed with support from the University's research and startup initiatives, the project demonstrated how student research can address real-world healthcare challenges through technology. The international platform created opportunities for global networking, industry engagement, and future collaborations while reinforcing Superior University's commitment to translating research into scalable solutions with societal impact.



Ms. Ramish Moeen

The EURAM Doctoral Colloquium 2026 Scholarship and the shortlisting of a research paper for the EURAM 2026 Best Paper Award reflect Superior University's growing presence in international research communities. As a PhD scholar, Ms. Ramish Moeen contributed to advancing the University's research priorities in management and organizational studies. Her participation strengthened academic collaboration with leading European institutions, enhanced the University's global research visibility, and demonstrated its commitment to developing early-career researchers capable of addressing contemporary workplace and societal challenges.

Advanced Research Testing Services



Scan Here



Center for Industrial Engineering Design Services & Solutions (CIEDSS)

We offer a comprehensive range of testing services for various engineering materials, bridging the gap between academic research and industrial application.

Whether you are a startup needing a prototype pathway or an established industry requiring rigorous material validation, CIEDSS provides the specialized tools and expertise you need.



3D Printing Services for Research & Development

Our 3D Printing facility provides specialized additive manufacturing services designed to support research and development activities. From basic CAD modeling of simple mechanical components to complex functional parts, we offer a complete workflow for your projects.



Cost-Effective & Comprehensive Testing for Researchers

Operated as a pre-spin-off initiative of Superior University, Lahore, the Pharmacy Research & Testing Services Laboratory is dedicated exclusively to advancing scientific research and pharmaceutical innovation. We provide a one-roof solution for researchers by offering a comprehensive range of analytical, toxicological, biochemical, microbiological, and phytochemical testing services.

Whether you are conducting drug interaction studies, phytochemical investigations, toxicity evaluations, or formulation-related research, our facility ensures reliable, reproducible, and high-quality data to support academic and industrial R&D.

Our Knowledge Dissemination Platforms

Superior's Research Journals

The commitment of Superior University to fostering a robust research environment is evident through its dedication to knowledge dissemination and exchange. Recognizing the pivotal role played by esteemed journals in cultivating a vibrant research culture, the university takes pride in its publication of 12 journals, with 7 of them acknowledged by the HEC Journal Recognition System (HJRS). These recognized journals persistently release their issues, furthering the university's contribution to quality research. We are pleased to share that the following journals of Superior University:



	International Journal of Management Research and Emerging Sciences		Journal of Biological and Allied Health Sciences		International Journal of Pharmacy and Integrated Health Sciences
	Journal of Media and Entrepreneurial Studies		Journal of Entrepreneurship and Business Venturing		Journal of Innovative Computing and Emerging Technologies
	International Journal of Research in Economics and Commerce		International Journal of Business and Finance Implications		International Journal of Sciences and Emerging Technologies
	Superior Journal of Medical Education		South Asian Journal of Medical Sciences		The Superior Journal of Physical Therapy & Rehabilitation

MEET THE TEAM



Dr. Sami Ullah Bajwa
Director, ORIC



Mr. Hamid Masood
Deputy Director ORIC



Dr. Shafique Ahmed Awan
Manager Innovation &
Commercialization, ORIC



Ms. Faiza Ali
Assistant Manager
Research, ORIC



Ms. Shamaila Parveen
Assistant Manager
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Ms. Javeria Atta
Assistant Manager
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Mr. Usman Abbas
Assistant Manager, ORIC



EDITORIAL TEAM



EDITOR & DESIGNER
MS. JAVERIA ATTA



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