



“ WE BELIEVE THAT SCIENTIFIC RESEARCH IS AN
INVESTMENT IN THE KINGDOM’S FUTURE AND A
PATH TOWARD ACHIEVING OUR AMBITIOUS VISION ”

HIS ROYAL HIGHNESS CROWN PRINCE MOHAMMED BIN SALMAN

Our Pride is in Our Nature

SAUDI LITERATURE: VIVID MEMORY AND FUTURE IDENTITY

CHAIR OF SAUDI LITERATURE A MODEL



AN IDENTITY THAT BEGINS WITH A STORY AND LEADS TO THE FUTURE

Each National Day, Saudi Arabia remembers its great journey of unity, growth, and progress. True identity lives through real stories that pass on values, with literature playing a key role in preserving memory and shaping the future.

FROM HERITAGE TO THE FUTURE: LITERATURE AS A SOFT POWER

Saudi literature goes beyond reflecting reality or nostalgia, it is a soft power that shapes the Kingdom's image locally and globally. From Nabati poetry to modern novels, it connects the past to the present and strengthens a future of awareness and belonging.

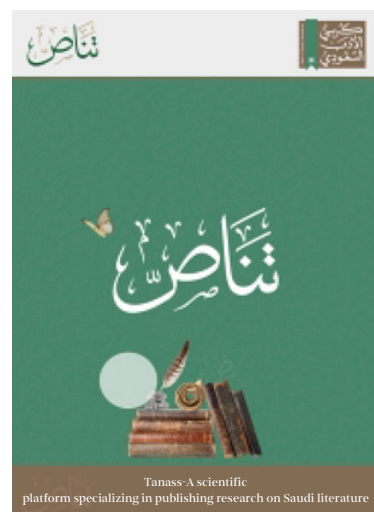
THE UNIVERSITY BUILDS A PLATFORM FOR IDENTITY

In line with this vision, the



publications of Saudi Literature Chair

university launched the Saudi Literature Chair; a scientific and research platform



for documenting history and strengthen its ties to national identity.

STRATEGIC PROJECTS

Since its establishment, the Saudi Literature Chair has worked on strategic projects aimed at advancing knowledge, raising awareness of Saudi literary achievements, and strengthening their presence. For example: The Chair developed the "Saudi Literature Bibliography" project, which creates a comprehensive database of Saudi literature experts, documenting their contribu-

tions. Additionally, the Chair launched a periodical publication titled "TANASS", which shares updates on Saudi literature, including news, publications, articles, and more.

A TANGIBLE IMPACT IN THE NATIONAL LIBRARY

The Chair has also contributed to enriching Saudi literary content, with more than 100 publications that document the achievements of Saudi literature and reinterpret the heritage with a contemporary spirit, as a key reference for researchers.

A PLATFORM FOR RESEARCHERS AND STUDENTS

The Saudi Literature Chair is a nurturing environment for researchers and graduate stu-

dents through workshops, seminars, and events that strengthen national identity and support the next generation of writers and enthusiasts of Saudi literature.

A PLATFORM FOR RESEARCHERS AND STUDENTS

Saudi literature is not merely a memory of the past; it is a language that shapes the future. Through the model of the Saudi Literature Chair, we see how academic institutions can turn literature into a sustainable national project that strengthens belonging and shapes the image of Saudi Arabia: deeply rooted and contemporary identity, reflecting our unique culture.



Symposium: Badr bin Abdul Mohsen, icon of Saudi poetry

KNOWLEDGE FROM OUR LAND

With pride, the Kingdom continues to support innovation and scientific research through research chairs, which have contributed to numerous local and international patents. These achievements reflect Saudi Arabia's commitment to Vision 2030 and the empowerment of

researchers, strengthening its role as a global hub of knowledge and technology. Notable patents include wire-mesh reinforced concrete elements, liquid and solid lasers, and an innovative device for enhancing lower jaw growth using electromagnetic fields.



PATENT TITLED

"DEVICE FOR ENHANCING MANDIBULAR BONE GROWTH"

On April 16, 2024, Engineer Abdullah bin Ahmed Bugshan Chair for Dental and Oral Rehabilitation Research was granted a U.S. patent titled "Device for Enhancing Mandibular Bone Growth", with participation from several researchers. The invention aims to enhance mandibular bone growth, using an innovative device that concentrates electromagnetic waves on the patient's mandible.



PATENT TITLED

«LIQUID AND SOLID STATE LASER FROM 7H-PYRANO[2,3-B:4,5-B'] DIQUINOLINE DERIVATIVES USING ENERGY TRANSFER MECHANISM»

On April 16, 2024, Engineer Abdullah bin Ahmed Bugshan Chair for Dental and Oral Rehabilitation Research was granted a U.S. patent titled "Device for Enhancing Mandibular Bone Growth", with participation from several researchers. The invention aims to enhance mandibular bone growth, using an innovative device that concentrates electromagnetic waves on the patient's mandible.



PATENT TITLED

« WIRE MESH CONCRETE REINFORCEMENT MEMBERS AND METHODS OF USE THEREOF »

On February 18, 2025, Mohammed Bin -Laden Chair of Research and Studies in Strengthening and Rehabilitation of Structures was granted a U.S. patent, titled "Wire Mesh Concrete Reinforcement Members and Methods of Use Thereof", with participation from several researchers. This invention aims to enhance concrete resistance to shrinkage, cracking, and external forces by incorporating engineered metal wire meshes distributed homogeneously and randomly within the concrete mass.

RESEARCH CHAIRS: NATIONAL PLATFORM FOR SUPPORTING NATIONAL PRIORITIES IN RESEARCH AND INNOVATION



TODAY, RESEARCH CHAIRS REPRESENT ONE OF THE MOST IMPORTANT NATIONAL PLATFORMS SUPPORTING THE KINGDOM'S RESEARCH, DEVELOPMENT, AND INNOVATION ECOSYSTEM. THEY BRIDGE ACADEMIC KNOWLEDGE WITH NATIONAL DEVELOPMENT NEEDS AND ALIGN WITH NATIONAL PRIORITIES: HEALTH AND WELLNESS, SUSTAINABLE ENVIRONMENT & SUPPLY OF ESSENTIAL, ENERGY AND INDUSTRIAL LEADERSHIP, AND ECONOMIES OF THE FUTURE.

PRIORITY: HEALTH & WELLNESS

Several research chairs focus on research and innovation in human health:

Epidemiology and Public Health Research Chair: enhances community health and well-being. Drug Exploration and Development Chair: develops pharmaceutical innovations, strengthens drug security.

Biomarkers of Chronic Diseases Chair: advances early diagnostic tools to reduce healthcare burden.

The Chair for diagnosing cancer diseases using laser: conducts research on precise techniques for early tumor detection.

Medical & Molecular Genetics Chair: expands personalized medicine

through genetics research.

Evidence-Based Healthcare Chair: improves quality of care by applying best practices.

PRIORITY: SUSTAINABLE ENVIRONMENT & SUPPLY OF ESSENTIAL NEEDS

Water Research Chair: develops desalination technologies and promotes efficient water use.

The Climate Change, Environmental Development, and Vegetation Cover Research Chair: provides solutions for climate adaptation and environmental development.

Diriyah Environmental Studies Chair: designs national plans to protect biodiversity and ensure

sustainable use of natural resources.

PRIORITY: ENERGY & INDUSTRIAL LEADERSHIP

Renewable Energy Ex-

ploitation and Applications Research Chair: focuses on utilizing clean and sustainable energy sources.

Raytheon Chair for Systems Engineering: provide advanced industrial and technological solutions, supporting the defense sector.

Biomedical Applications of Nanomaterials Chair: applies nanotechnology to develop innovative materials for medical use.

PRIORITY: FUTURE ECONOMIES

Pervasive and Mobile Computing Research Chair: develops smart

services that enhance various economic sectors. STC Chair for Artificial Intelligence: drives innovation in artificial intelligence applications.

A VITAL ROLE

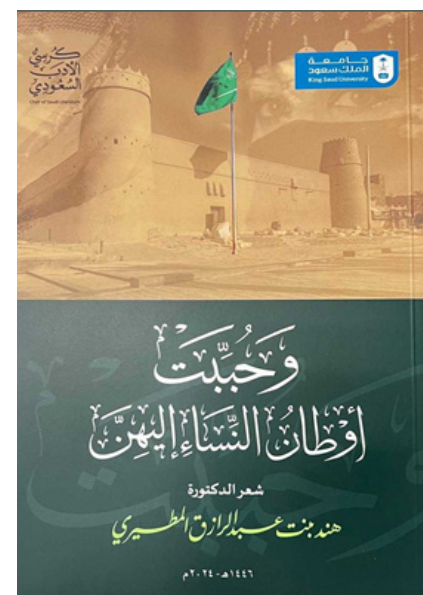
Research chairs are not merely academic initiatives; they are the foundation of national development. Through their continuous support and strategic direction—and as we celebrate the 95th National Day—these chairs affirm that scientific research is the sure path toward building the future on solid foundations of knowledge and innovation.



WOMEN'S PASSIONATE LOVE FOR THEIR HOMELANDS

PUBLICATIONS — A BOOK TITLED: BELOVED HOMELANDS: WOMEN'S CONNECTION TO THEIR LANDS

The Saudi Literature Chair has published a book titled “Beloved Homelands: Women's Connection to Their Lands” by Dr. Hind Abdul-Razzaq Al-Mutairi, a poetry collection dedicated to love of the homeland, loyalty, and devotion. The book features 29 patriotic poems devoted to the Kingdom of Saudi Arabia, its leadership, and its great people.



NATION’S ACHIEVEMENTS
THE MOST NOTABLE ACHIEVEMENTS WITNESSED BY THE KINGDOM IN 2025

JANUARY

The fourth edition of International Mining Conference (Future of Minerals Forum 2025) was held in Riyadh, from January 14 to 16, 2025, under the theme “Achieving Impact.” The forum discussed the opportunities and challenges of the global mining sector and to promote international cooperation for a sustainable future for minerals..

FEBRUARY

- Adopted the Saudi Riyal currency symbol, reinforcing the identity of the national currency.
- Ranked 6th globally and 1st regionally in the United Nations e-Government Development Index.

MARCH

- Recognized the Kingdom as a global model for water resource management by the United Nations
- Approved the Saudi Investment Marketing Authority to boost global investment appeal.

APRIL

- Saudi Arabia is among global AI leaders, according to the Stanford AI Index 2025.
- 6 Saudi cities are included in the IMD Smart City Index 2025, following the addition of AIUla. In the same index, Makkah ranked 39th globally and second nationally after Riyadh.
- Saudi Arabia wins grand prix and achieves record haul at the Geneva International Exhibition of Inventions.
- Recorded a 17.55% increase in the 2025 International Intellectual Property Index report, overall evaluation.

MAY

Saudi Arabia was named “Country of the Year 2025” by StartupBlink, leading the world with over 200% growth in its startup ecosystem.

At ISEF 2025, Saudi students won 23 awards (14 Grand Awards and 9 Special Awards), ranking 2nd globally in total Grand Awards.

JUNE

- A Saudi inventor was recognized as Asia’s Best Inventor 2025, while King Faisal University claimed five gold medals at the ITEX Global Innovation Fair.
- Saudi universities ranked among the world’s top 100. KAUST led global sustainability rankings, while KFUPM excelled in higher education quality.
- Alongside it being a UNESCO World Heritage Site, Uruq Bani Ma’arid Protected Area was added to the IUCN Green List.



- NEOM reintroduced 6 animal species to their natural habitats.

JULY

- Ranked 1st globally in Cybersecurity Readiness for the 2nd year
- King Saud Medical City has been awarded the 2025 environment award as part of the international award.
- Won 6 awards at the International Math Olympiad, 4 awards at the International Chemistry Olympiad, 4 awards at the International Biology Olympiad, and 2 additional awards at ISEF 2025, raising the Kingdom’s total to 25.

AUGUST

- Saudi Arabia advanced from 104th to 23rd globally in the Fraser Institute’s Investment Attractiveness Index for mining.
- 7 Saudi hospitals were listed among the world’s top 250 hospitals.

SEPTEMBER

Economic Conference was held to discuss economic challenges and opportunities in light of global transformations.

OUR PRIDE IN KNOWLEDGE... FACTS AND FIGURES

On its 95th National Day, the Kingdom is proud to have 77 chairs promoting research and innovation and contributing to building a knowledge economy and supporting national innovation.

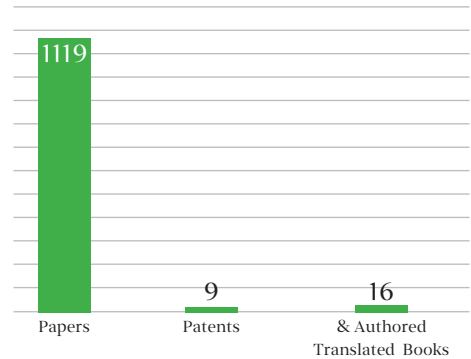
ACHIEVEMENTS OF RESEARCH CHAIRS IN 2024–2025:

1,119 research papers.

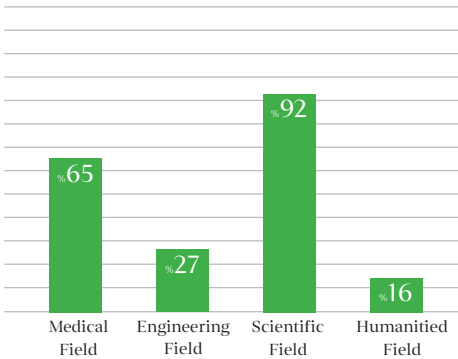
9 Patents.

16 authored and translated books.

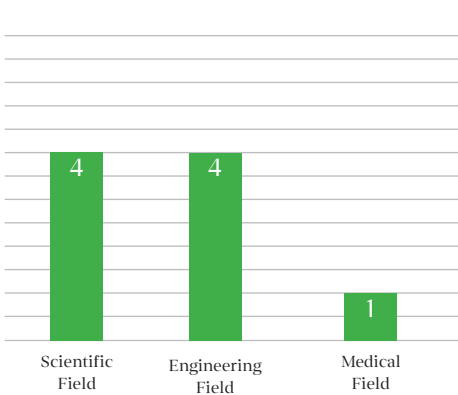
Statistics on number of papers, patents, and books authored by research chairs in 2024-2025



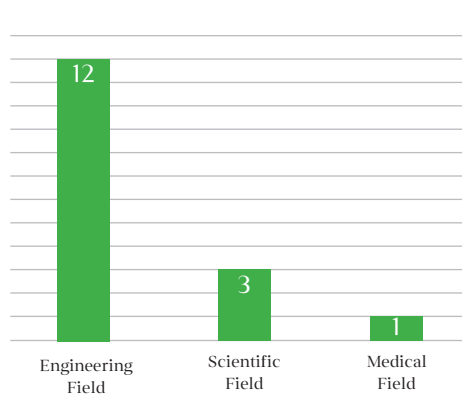
Percentage of Research papers by field in 2024-2025



No. of Patents by field in 2024-2025



No. of Translated and Authored Books by field in 2024-2025



work team

Editor in Chief
Nada Alhusain

Editorial Team
Sultan Albluwi- Sami Alburaidi
Sultan Alamri-Manal Alhamdan

Design and Direction
Sondos Al-Sammak

We invite you to follow our official account on the X



Vice Deanship of Research Chairs,
Deanship of Scientific Research
Tel: : 0114696800
✉ chairs@ksu.edu.sa
✉ @researchchairs