



# **QS** **SUSTAINABILITY**

Northern Border University

2024

## Deanship of Scientific Research

<https://deanship-of-scientific-research.nbu.edu.sa/en>

The Deanship of Scientific Research of Northern Border University was established in 1428 AH, aiming to develop scientific research in all fields of knowledge to serve the community in the Northern Border Province.

The Deanship was established according to the Regulations of Scientific Research for Saudi Universities issued by the Council of Higher Education's Decision No. (1419/10/2) dated 1419/6/23 AH. By article VI, Paragraph (B), of the Council of Higher Education's decision to confer authority to the Council of the Deanship of Scientific Research by proposing regulations, rules, and procedures governing scientific research at the university.

Scientific Research and Innovation at Northern Border University:

The Deanship of Scientific Research strives through its scientific research support programs to disseminate research culture and harness the potential of research at the University to increase its competitiveness in strategic fields within Saudi, Gulf, Arab and international universities and to spread awareness and development.

Scientific research is a fundamental pillar of Vision 2030. Consequently, the University is keen to support it by meeting the needs of researchers, developing their abilities, and encouraging them through regulations and instructions. In the light of annual budgets. Since its establishment, the University, represented by the Deanship of Scientific Research, has taken care of the policies, mechanisms, and frameworks governing research and its services. The Deanship is committed to The Unified Higher Education Regulations of Scientific Research for Saudi universities issued by Council of Higher Education Decision No. (1419/10/2 A.H.) in its 10th meeting, held on 1419/2/6 A.H, bearing in mind achieving the objectives for which the Deanship was established, such as linking scientific research to the University's objectives, development plans, and national trends by devoting a distinct goal to scientific research in the University's 2020-2025 strategic plan.

The Deanship is also concerned with the dimension of duplication in scientific research and the repetition of previous studies. It aspires to develop a generation of distinguished researchers and train and support them with a funding program for studies and research to carry out original and innovative high-level research that enriches specialized knowledge and serves the community.

The Deanship is interested in following up the mechanisms for engaging postgraduate students, teaching assistants, lecturers, and research assistants from technicians and university students complementing scientific research, providing all means to benefit from it and publishing it in local and international authorized publishing outlets.

The Deanship of Scientific Research encourages and motivates researchers through excellence awards adapted to academic promotion policies, providing an ambitious strategic research plan with local and national developmental priorities that takes into account university and region conditions and needs, meets the Strategic Plan's objectives and initiatives, and is formulated by leading researchers and institutional and educational leaders in and out of the university.

Regarding research output, the University's scientific publications are added to databases such as Web of Science and SCOPUS. They also get published in university scientific journals and conferences. Scientific publishing has seen a clear and steady improvement; the University's scientific output has doubled from five years ago. The university is keen on authenticity and scientific sobriety, committed to quality controls in the selection of certified scientific journals, and adhering to the ethics of scientific research, protection, preservation, and marketing of researchers' intellectual property rights through fair and equal opportunities for all in the university's various branches. It provides effective electronic information sources and free programs for all researchers to ensure access to scientific, health, engineering, and humanitarian fields. It also supports and encourages local and global research and community partnerships out of the Deanship's belief in the importance of providing an enabling research environment for all beneficiaries of its services.

### Vision

Promoting scientific research and providing a research environment suitable for creativity and innovation at the level of local and international universities.

### the message

Developing scientific research through knowledge creation and attracting distinguished researchers to achieve goals and aspirations towards an attractive research environment and community service.

### Objectives

Based on the need to enhance scientific research at the university, the Deanship of Scientific Research has set goals related to the university's strategic plan 2020-2025:

- Supporting researchers to conduct scientific research
- Building strategic research partnerships
- Enhancing the environment and capabilities of scientific research
- Developing the research capabilities of faculty members

### mission

- Preparing the deanship's activity plans and following up on their implementation after their approval.
- Administrative and technical supervision of the organizational units associated with the deanship and coordination among them to ensure integration between their activities and maximum benefit from available capabilities.

- Proposing general objectives and policies for scientific research activity at the university and following up on their implementation after their approval.
- Proposing regulations, rules and procedures regulating scientific research activity at the university and following up on their implementation after their approval.
- Follow up on the preparation and arbitration of research and approve its technical and financial reports.
- Encouraging faculty members and urging them to conduct innovative scientific research.
- Creating an information base for the research being implemented in order to follow the stages of implementation according to the approved plan for each research.
- Creating an information base for completed research to exchange it with universities and research centers related to the nature of each research.
- Coordinating with research centers in everything related to preparing research within those centers.
- Exchanging information and experiences with research centers with similar goals and activities inside and outside the university.
- Preparing and organizing research competitions to enhance the scientific research process at the university.
- Proposing supportive and stimulating research paths for publication in classified scientific journals.
- Determine performance measurement indicators for all activities related to the deanship and review and develop them on an ongoing basis.
- Determine the deanship's needs for human resources, equipment, and materials and follow up on their provision.
- Determine the training needs of the deanship employees to nominate them for appropriate training programs.
- Preparing periodic reports on the deanship's activities, achievements, and proposals for improving its performance.
- Any other tasks assigned to it within the limits of jurisdiction.

## [Research chairs](https://deanship-of-scientific-research.nbu.edu.sa/research-chairs)

<https://deanship-of-scientific-research.nbu.edu.sa/research-chairs>

Research centers/chairs are a major factor and a strong tributary to the development and progress of the scientific movement and the advancement of cognitive aspects. They are a link between universities and the rest of the sectors (governmental - private) so that integration is achieved by benefiting from the chair's knowledge outputs so that it benefits the sector supporting the scientific chair, thereby achieving national and societal goals.

Scientific chairs provide the opportunity for experienced researchers to transform their ideas and projects into a tangible reality that contributes to the construction and development process and serves topics and problems related to society, the state, and other interactive topics that affect the Saudi environment. The scientific chairs are also considered an nurturing and encouraging environment for distinguished graduate students as well as undergraduate students to participate in the research field.

In order to achieve the Kingdom's Vision 2030, Saudi universities are recently moving towards approving more research chairs with topics related to university research priorities emanating from the national vision, with the aim of creating research entities in distinct fields that meet national and societal needs and contribute to finding solutions to contemporary issues according to an accurate scientific research vision.

## Prince Faisal bin Khalid bin Sultan Chair for Renewable Energy Studies and its Applications

<https://deanship-of-scientific-research.nbu.edu.sa/research-chairs>

Interest in studying the issue of renewable energies as they represent one of the most important major sources of global energy outside oil, as well as being clean and non-polluting energy, which gives it great importance in achieving sustainable development. Among these renewable energies we find wind energy, solar energy, both electrical and thermal, and energy derived from biogas. It should be noted that the main goal is to move from development that depends on fossil energy sources to sustainable development that is concerned with preserving the resources of subsequent generations by relying on renewable energies.

This chair is considered one of the tributaries that highlight the role of Northern Border University in supporting scientific research by developing the capabilities of researchers and graduate students in the field of preparing scientific research and related skills, holding scientific meetings, and participating in scientific conferences and seminars related to renewable energies and their uses in the Kingdom of Saudi Arabia, in addition to this. To work on bringing in local and international scientists and experts.

### Vision:

The chair enhances the university's position and excellence in the field of scientific research in renewable energies and their applications in the Kingdom and provides distinguished contributions in service to the university and society.

### the message:

Providing the infrastructure and appropriate environment for university employees to enable them to actively participate in research and scientific meetings, benefit from distinguished international expertise in the field of renewable energies, and contribute to preparing researchers capable of developing scientific research and providing community services.

## Objectives:

The Prince Faisal bin Khalid bin Sultan Chair for Renewable Energy Studies and its Applications at Northern Border University seeks to achieve the following goals:

1. Motivating researchers to be creative and innovative to enrich society with knowledge and modern sciences and benefit from their practical applications in solving society's problems.
2. Attracting distinguished specialized scientific competencies from inside and outside the university, both local and international, to support and revitalize academic and research programs and to benefit from their expertise in supporting scientific research programs and outputs.
3. Linking the relationship and community partnership between the university and governmental and private institutions and sectors of society in everything that would support the research process at Northern Border University.
4. Linking the outputs of scientific research to the needs of society, in order to achieve sustainable development.