Ministry of Higher Education and Scientific Research

Southern Technical University

Basra Technical Institute

Strategic Plan

2025-2030

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Introduction:

The institute was established in mid-March 1973 on the road leading to Al-Zubair District in Basra Governorate (currently opposite the Sports City), under the name **Basra Technical Institute**. It was founded in collaboration with UNESCO and the Foundation of Technical Institutes, in accordance with a formal agreement, with the aim of graduating qualified technical middle-level cadres capable of meeting the needs of official and semi-official institutions in Iraq's provinces.

The institute's name was later changed to **Institute of Technology**, then reverted back to **Basra Technical Institute,** and finally, in 2001, it was renamed **Basra Technical** Institute (Al-Ma'had Al-Taqni fi Al-Basra), which remains its current name.

On July 24, 1988, the High Institute of Health was affiliated with our institute, enabling it to provide the community with graduates in technological, administrative, and health-related specializations.

The institute included 16 academic departments: 7 in technological fields, 4 in administrative disciplines, and 5 in medical specializations.

In the academic year 2024–2025, the Basra Technical Institute was divided into three independent technical institutes:

1. Basra Technological Technical Institutecomprising 8 academic departments:

* Electrical Technologies
* Electronic Technologies
* Mechanical Technologies
* Power Mechanics Technologies
* Chemical Industries Technologies
* Surveying Technologies
* Civil Technologies
* Computer Networks and Software Technologies

2. Basra Administrative Technical Institute, which now includes 3 departments:

* Accounting Technologies
* Materials Management Technologies
* Office Administration Technologies

3. Basra Medical Technical Institute, which consists of 5 departments:

* Pharmacy Technologies
* Anesthesia Technologies
* Medical Laboratory Technologies
* Nursing Technologies
* Community Health Technologies

The institute currently enrolls approximately 7,000 students across all its scientific departments, in both morning and evening programs, following the recent expansion to include evening studies in all departments.

The institute is equipped with mechanical workshops and numerous laboratories in all specializations, as well as design studios, auto repair workshops, refrigeration and air conditioning workshops, electrical power, electronics, communications, and computer laboratories, in addition to medical laboratories. These facilities aim to provide hands-on training during the academic year, enhancing students' skills and preparing them to enter the labor market by integrating theoretical knowledge with practical application.

The institute is home to the **Environmental Pollution Research Unit,** which supports the institute with scientific research and organizes scientific lectures, workshops, and seminars on environmental and pollution-related topics for the benefit of staff and students.

In addition, the institute hosts a **Scientific and Consulting Services Office**, which offers scientific consultations to government institutions, as well as contract drafting and implementation in relevant fields.

A **Health Center** was inaugurated at the institute in 2019 to provide healthcare services to staff, students, nearby formations, and the Southern Technical University presidency.

Vision

To achieve sustainable development through excellence in technical education and impactful scientific research.

Mission

The Institute is committed to fostering strategic partnerships that align with labor market needs, while developing a comprehensive educational system that supports sustainable development, advances high-quality scientific research, and strengthens technical capabilities in service of society.

Objectives

- To prepare qualified mid-level professionals equipped to meet the demands of sustainable development.

-To offer high-quality academic programs that reflect the needs of the labor market and emerging technologies.

-To enhance collaboration with public and private sector institutions in order to strengthen community engagement.

-To contribute to community service through innovation-driven initiatives and training programs.

-Enhance the competence of academic staff .
through effective training and professional development.

-Strive to obtain national and international .
accreditation.

SWOT Analysis

Strengths:

-The presence of many scientific departments in specialized technical fields.

-A qualified academic staff with high experience.

-Modern educational programs that meet labor market requirements.

-Partnerships with universities and research institutions.

-Diversity of technological specializations.

-Possibilities for cooperation with the private and public sectors.

-Availability of evening studies in all academic departments.

-Availability of student dormitories.

-Additional remuneration for lecturers teaching in the evening studies..

Weaknesses:

Shortage of teaching staff and some academic titles.

Limited training programs for teaching staff.

Absence of postgraduate studies.

Insufficient funding or financial resources.

Weak marketing strategies and student recruitment efforts.

Limited community service activities.

Low publication output in international indexed journals.

Increasing evening programs in colleges may affect students' choice of certain departments.

Opportunities:

Expansion of academic programs through e-learning.

Growing demand for technical and vocational specializations.

Possibility of international partnerships with universities and educational institutions.

Government support or external funding for entrepreneurial projects.

Providing employment opportunities for graduates through continuous training sessions and workshops via the Graduate Qualification and Employment Unit

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Threats:

Increasing competition from other universities, especially private ones.

Potential increase in private colleges and evening programs, which may reduce student enrollment in certain departments.

Decrease in student numbers due to economic conditions.

SWOT Analysis

Strengths:	Weaknesses:
1-The presence of many scientific departments in specialized technical fields. 2-A qualified academic staff with high experience. 3-Modern educational programs that meet labor market requirements. 4-Partnerships with universities and research institutions. 5-Diversity of technological specializations. 6-Possibilities for cooperation with the private and public sectors. 7-Availability of evening studies in all academic departments. 8-Availability of student dormitories. 9-Additional remuneration for lecturers teaching in the evening studies..	1-Shortage of teaching staff and some academic titles. 2-Limited training programs for teaching staff. 3-Absence of postgraduate studies. Insufficient funding or financial resources. 4-Weak marketing strategies and student recruitment efforts. 5-Limited community service activities. 6-Low publication output in international indexed journals. 7-Increasing evening programs in colleges may affect students' choice of certain departments.
Opportunities:	**Threats:**
1-Expansion of academic programs through e-learning. 2-Growing demand for technical and vocational specializations. 3-Possibility of international partnerships with universities and educational institutions. 4-Government support or external funding for entrepreneurial projects. 5-Providing employment opportunities for graduates through continuous training sessions and workshops via the 6-Graduate Qualification and Employment Unit	1-Increasing competition from other universities, especially private ones. 2-Potential increase in private colleges and evening programs, which may reduce student enrollment in certain departments. 3-Decrease in student numbers due to economic conditions.

Main Pillars for Achieving the Strategic Plan Objectives

1- Academic field

	Activity name	The purpose of the activity	Expected outputs from activity implementation	Measurement indicators	Responsibility for implementing the activity	Activity execution date		The amount allocated for the activity
						month	year	
1	Creating important scientific departments in the institute	Keeping pace with labor market requirements	Graduates with technical skills appropriate to the labor market	Two applications by public and private sector companies	Studies and Planning Division		**Annually**	
2	Reviewing and updating scientific curricula to meet the needs of the labor market	Keeping pace with labor market requirements	Graduates with technical skills appropriate to the labor market	Two applications by public and private sector companies	Studies and Planning Division		**Annually**	
3	Developing educational guidance systems	Raising students' awareness	Good knowledge of the instructions of the Ministry of Higher Education	Holding workshops and seminars	Educational Guidance and Psychological Counseling Unit		**Annually**	
4	Obtaining job opportunities for students through cooperation with foreign companies	Providing students with many skills	Craftsmen students in their technical specializations	Holding workshops and courses in coordination with companies and development and training institutes	Rehabilitation and Employment Unit		**Annually**	
5	Providing recent studies on the public market's needs for technical specializations	Keeping pace with labor market requirements	Graduates with technical skills appropriate to the labor market	Two applications by public and private sector companies	Studies and Planning Division		**Annually**	
6	Promoting e-learning by relying on blended learning to keep pace with development	Raising the culture of e-learning as an aid to in-person education	Comprehensive knowledge of e-learning programs and platforms	Holding workshops and seminars	Scientific Division		**Annually**	
7	Providing programs for developing English language skills	Providing students and members with skills Proficiency in English	Good level of English	Holding workshops, seminars and courses	Scientific departments and divisions And the relevant units		**Annually**	

2- Scientific research

	Activity name	The purpose of the activity	Expected outputs from activity implementation	Measurement indicators	Responsibility for implementing the activity	**Activity execution date**		The amount allocated for the activity
						month	year	
1	Publication in international journals classified in accredited international institutions such as Scopus and Clarivit	Raising the university's global ranking	Scientific research published in reputable international journals	Global ranking	researchers		Annually	
2	Encouraging researchers to publish in Iraqi journals classified within international institutions	Raising the world rankings of Iraqi universities	Scientific research published in reputable Iraqi journals	Global ranking	Research Unit		Annually	
3	Moving towards applied research that addresses societal problems	Addressing community problems	Research that addresses real problems	Acceptance of research as studies by relevant authorities	researchers		Annually	
4	Developing innovative areas of research in rare disciplines	Expanding the field of scientific research	Solid scientific research in rare specializations	Increase the number of research in rare specializations	researchers		Annually	
5	Disseminating knowledge and awareness of global standards for sober publishing	Researchers with full awareness of international standards for sober publishing	Increase the number of research papers published in reputable journals	Global ranking	Research Unit		Annually	

3- Infrastructure

	Activity name	The purpose of the activity	Expected outputs from activity implementation	Measurement indicators	Responsibility for implementing the activity	**Activity execution date The amount allocated for the activity**		**The amount allocated for the activity**
						month	**year**	
1	Creating new laboratories	Accommodating the increase in student numbers	More knowledge of the exact scientific specialty	Reports on completion rates from the Reconstruction and Projects Division	Reconstruction and Projects Division in coordination with the Quality Assurance Division		**Annually**	
2	Maintenance of old laboratories	Accommodating the increase in student numbers	More knowledge of the exact scientific specialty	Reports on completion rates from the Reconstruction and Projects Division	Reconstruction and Projects Division in coordination with the Quality Assurance Division		**Annually**	
3	Reconstruction of old buildings	Accommodating the increase in student numbers	Accommodating the increase in student numbers	Reports on completion rates from the Reconstruction and Projects Division	Reconstruction and Projects Division in coordination with the Quality Assurance Division		**Annually**	
4	Maintenance of air conditioners and power generators	Providing an appropriate university environment	Workable and efficient devices	Device performance quality	Maintenance unit		**Annually**	
5	Focus on afforestation and eliminating desertification	Providing an appropriate university environment	green university environment	Student survey	Agriculture Unit		**Annually**	
6	Paying attention to sports halls and working to develop them to enhance students' lives and develop their skills	Providing an appropriate university environment	Developing students' skills	Student survey	Reconstruction and Projects Division		**Annually**	

4- Community service

	Activity name	The purpose of the activity	Expected outputs from activity implementation	Measurement indicators	Responsibility for implementing the activity	Activity execution date		The amount allocated for the activity
						monthr	year	
1	Supporting outstanding student projects that can be benefited from	Creating job opportunities for students	Distinctive projects that serve the labor market	Number of distinguished research	Technology Incubator Unit		Annually	
2	Encouraging and supporting entrepreneurship and working to develop new projects and ideas in society	Providing support for pioneering teaching and student projects	Distinctive projects that serve the labor market	Number of distinguished research	Technology Incubator Unit		Annually	
3	Exchanging experiences between the institute and other departments by holding courses and workshops on various topics of interest to society	Implementing government program requirements	Providing job opportunities for graduates	Two applications by public and private sector companies	Studies and Planning Division		Annually	
4	Developing the continuing education unit	Increase the skills of members	Graduates with technical experience	Holding courses	Continuing Education Unit		Annually	

5- Scientific activities plan

	Activity name	The purpose of the activity	Expected outputs from activity implementation	Measurement indicators	Responsibility for implementing the activity	Activity execution date		The amount allocated for the activity
						month	year	
1	Holding scientific conferences	An opportunity to communicate with universities and exchange experiences	Raising the level of scientific research	Participation of researchers from other universities	Scientific Division		Annually	
2	Holding scientific and social seminars	Raising the academic level of cadres and students	Distinguished cadres familiar with their work tasks	Holding seminars	Scientific Division	Every month	Annually	
3	Holding discussion groups	Raising the academic level of cadres and students	Distinguished cadres familiar with their work tasks	Holding seminars	Scientific Division	Every month	Annually	
4	Holding workshops	Raising the academic level of cadres and students	Distinguished cadres familiar with their work tasks	Holding seminars	Scientific Division	Every month	Annually	
7	Patents	Raising the university's ranking in international rankings	Increase the number of patents	Urging researchers to address problems occurring in companies and society	Teaching		Annually	