

Knowledge and Information Department Technology



Department Technology Knowledge and Information Introduction



About the Information and Knowledge Technology Department

Knowledge Technologies The Department of Information and was established as one of the departments of the College of 1995-University of Mosul in the academic year 1994 -Arts under the name (Department of Libraries and Information). The ent main motives behind the establishment of this departm were to provide specialized personnel in the field of libraries and information, to prepare specialized researchers in the field, to prepare teaching staff to work in library science departments, to enrich the Iraqi and Arab library with library formation literature through authorship, research and and in translation, to provide technical consultations to libraries, information centers and related institutions, and to exchange training and technical experiences through cooperation and ounterpart departments inside and outside coordination with c .Iraq

In 2004, its name was changed to (Department of Information and in 2021, its name was changed to , (and Libraries This .(Department of Information and Knowledge Technologies) successive developments in department continued to introduce its teaching methods and in updating its coursework in line with the scientific and technological development of the specialization in the advanced world, which is considered one t are affected of the renewed and developing specializations tha and artificial by the applications of information technology intelligence, whose use has become necessary in the field of

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libraries, and in line with achieving the goals of sustainable
. development
me, the title of its Based on the change in the department's na
graduates changed from library specialist to information
specialist, opening new horizons for graduates to work in state
institutions that deal with and handle paper and digital
.information



processing, storage, retrieval, ,selection, analysis Where
availability, and delivery to
. He asked for it at the right time

Vision

The department seeks to achieve leadership and excellence in
the fields of education, training, knowledge production and
dissemination in the field of information and libraries and
community service, with a focus on integrating artificial
ications into information and library operations intelligence appl

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The . and serving the goals of sustainable development to achieve a leading position among aims department at the level knowledge technology departments information and ifying information of Iraqi and Arab universities by qual specialists to work in information institutions spread across government departments and the private sector, capable of employing artificial intelligence technologies to drive innovation .leSustainab .and contribute to achieving development

message

of the Department of Information and Knowledge The mission -is to provide advanced programs in its various sub Technologies disciplines according to scientific standards, with the aim of producing competent graduates who contribute to the scientific, It . intellectual, economic, and social development of society build Iraqi information and library institutions of to re also aims all types, focusing on integrating artificial intelligence applications to enhance the efficiency and effectiveness of library and information services, and to support initiatives to spiritual, Commitment . evelopmentrelated to sustainable d moral, professional, pluralistic and equal values in the dissemination of information, considering information a public the preserving , human rights Supporting . right for all citizens modern d employingan ,Arabic language and heritage technologies, including artificial intelligence, to provide the best to produce research Likewise, striving . services and information that contributes to serving society, especially research that

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ence in developing libraries explores the role of artificial intellig
In addition . and supporting the Sustainable Development Goals
technical advice to raise the level of information to providing
institutions in society and their competencies in information,
g, with a focus on utilizing libraries, documentation and archivin
. artificial intelligence solutions to achieve these goals



:Objectives

:The department aims to achieve the following objectives

1. Attracting scientifically and **:Attracting qualified talent**
educationally qualified personnel in the fields of
information and library science, with a focus on expertise
artificial ,knowledge technology applications in
intelligence, and data management to support
According to specifications .tsustainable developmen

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Quality standards adopted in higher and standards
.education in Iraq

2. **Promoting :Promoting innovative scientific research**
scientific research in the field of information and libraries
market, to meet the requirements of the labor
encouraging research related to community programs
and the needs of university institutions, as well as
oriented and applied -supporting research with future
visions, especially those that explore the role of artificial
ormation and library services, intelligence in improving inf
and in supporting the goals of sustainable development
in its various dimensions (economic, social, and
.(environmental
3. **Continuous :Continuous Curriculum Development**
development of curricula at the undergraduate and
levels in accordance with contemporary and graduate
future cognitive, methodological and technological
innovations, with the integration of specialized courses in
artificial intelligence for libraries, and knowledge
management for sustainable development
4. **ace with the changing needs of the labor Keeping p**
Continuous development of the department to :**market**
keep pace with the needs of the labor market at the
University of Mosul and all information institutions
spread throughout the governorate, with a focus on
ing graduates for artificial intelligence applications qualify

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in libraries and information centers, and meeting the requirements of sustainable development

5. Promoting **:Promoting values and social responsibility**
y religious, moral and national values among universit youth, developing a spirit of cooperation, a sense of responsibility and awareness among students, and pushing them towards peaceful coexistence and acceptance of others in university life, and enhancing s a their awareness of the importance of information a tool for achieving sustainable development and social responsibility in the use of modern technologies, including artificial intelligence
6. Participating **:Community service and active partnership**
in community service through direct and continuous ction with it, providing scientific and technical intera consultations and promoting continuing education programs, especially in the field of information technology and information systems, as well as providing elligence support and consultations related to artificial int applications in information institutions and supporting local initiatives for sustainable development
7. **Qualifying specialized personnel to manage smart**
Working to prepare a technical staff that **:libraries**
ation centers manages and develops libraries and inform in line with the scientific development witnessed by global libraries, especially with regard to the application of artificial intelligence solutions to improve reference

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services, collection management, bibliometric analysis, beneficiaries' access to information to and improve beneficiaries' support sustainable development goals

8. :Providing specialized AI consulting for information

Providing specialized scientific consulting in the field of information, libraries and knowledge technology support information institutions in the applications to support public and private sectors, with a focus on how to employ artificial intelligence to improve the efficiency of operations, provide innovative information services, and contribute to achieving sustainable development

9. :Developing scientific competencies in postgraduate

Developing scientific competencies through : **studies** postgraduate programs in the department (Master's), and encouraging university library staff to engage in field of library studies to obtain higher qualifications in the field of information work, while introducing specialized tracks in artificial intelligence for information and sustainable development , knowledge technologies .research

10. :Expanding opportunities for continuing education

in the department and Opening evening studies encouraging participation in them, due to its significant impact on university library staff and giving them the opportunity to obtain academic qualifications to perform their assigned tasks to the fullest extent, as well as to improve their technical level, especially in the fields of development

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artificial intelligence and its tools that support library
.work and contribute to development

Department Management

The



department was managed by a group of elite scientific talents in
Arts, who took charge of the department and the Faculty of
:developed it to its current state. These individuals are

Duration of his tenure as head of department	Name of the Head of Department	T
1995-1994	Warning Dr. Adnan Sami Professor	1
2009-1995	Ismail Dr. Mahmoud Saleh Professor	2
2013-2009	Dr. Ammar AbdulLatif Zain Professor Abidin-Al	3
2018-2013	Dr. Mahmoud Saleh Ismail Professor	4
2022-2018	Dr. Ammar AbdulLatif Zain Professor Abidin-Al	5
2023-2022	-Rafal Nizar Abdul Qader Al Professor Khairu	6
2025 - 2023	Dr. Ammar AbdulLatif Zain Professor	7

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	Abidin-Al	
2026-2025	Assistant Professor Dr. Wasan Sami Saadallah	8
- 2026 _ present	Professor Dr. Omar Tawfiq Abdul Qadir	9

:Department admission plan

The department attracts students who have graduated scientific or literary baccalaureate degree, and its with a



performing -admission process is centralized. It also accepts top students from the Technical Institute's Library and Information year studies. -Technology Department to resume their first department offers evening classes, which are Furthermore, the

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open to any student who meets the admission requirements for evening studies at the Faculty of Arts, according to the .admission plan for the academic year

:Programs offered by the department

Program: The department offers a Bachelor's .1
degree in Information and Library Science after four years of .study

Master's Program: The department works to grant a master's .2
degree to all those who have a bachelor's degree in Information
ce after theoretical study for two semesters, and Library Scien
and then a topic is assigned to him in the subfields of
Information and Library Science, and upon completion of writing
his thesis, he is granted a master's degree in Information and
. Library Science



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Faculty members

Table of faculty members by degree, academic title, and general
:and specific specialization

precise scientific specialization	Scientific specialization	Scientific title	Certificate	Instructor's Name	T
Information and Communication Services (Scientific)	Information and Libraries	.Mr	PhD	Ammar Abdul Latif Abidin-Zain Al	1
	Information and Libraries	assistant professor	Master's	Sumaya Younis Saeed Khaffaf-Al	2
Computer operations research	count	assistant professor	Master's	Hamsa Maan Thabet	3
	Information and Libraries	.Mr	Master's	Rafal Nizar Abdul Khairu-Qader Al	4
Traditional and electronic information sources	Information and Libraries	assistant professor	PhD	Wasan Sami Saadallah's	5
Indexing and Metadata	Information and Libraries	Lecturer	PhD	Nour Fares Ghanem Omari-Al	6
Information Technology	Information and Libraries	Lecturer	PhD	Omar Tawfiq Abdul Qader	7
and Traditional electronic information sources	Information and Libraries	Lecturer	PhD	Hiba Saadallah Younes Mawla-Al	8
	Information and Libraries	Lecturer	Master's	Shaimaa Hashem Mahrouk-Yousef Al	9
	Information and Libraries	Lecturer	Master's	Sarmad Siddiq Ghazi Hussein	10
	Information and Libraries	Lecturer	Master's	Raafat Ragab Fathi Hussein	11
	Information	Assistant	Master's	Dima Aydin Jalal	12

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	and Libraries	Lecturer			
	Information and Libraries	Assistant Lecturer	Master's	Rami Rakan Arab Hamada	13
	Information and Libraries	Assistant Lecturer	Master's	Asmaa Ghanem Ramadan	14
	Information and Libraries	Assistant Lecturer	Master's	Majd Maysar Abdel Baqi	15

Committees of the Department of Information and Knowledge Technologies

First: The Scientific Committee

The scientific committee consists of the faculty members whose names are listed below

	Scientific title	the name	T
President	assistant professor	Jamal Nasser Hassoun	.1
Member	.Mr	Mahmoud Saleh Ismail	.2
Member	assistant professor	Mustafa Fadel Hammadi	.3
Member	assistant professor	Falah Daham Rashid	.4
Member	assistant professor	Amal Fadel Abbas	.5

:Graduate Studies Committee :Second

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The Graduate Studies Committee consists of the faculty
:members whose names are listed below

	Scientific title	the name	T
President	assistant professor	Wasan Sami Saadallah's	.1
Member	.Mr	Ammar Abdul Latif Aal Abdul	.2
Member	teacher	Nour Fares Ghanem	.3
Member	teacher	Omar Tawfiq Abdul Qadir	.4
Member	teacher	Heba Saadallah Younes	.5

:The Examination Committee :Third

The examination committee consists of the instructors whose
:below names are listed

	Scientific title	the name	T
President	Lecturer	Omar Tawfiq Abdul .Dr Qader	.1
Member	assistant professor	Dr.wasan Sami Saadallah's	.2
Member	Lecturer	Fares Ghanem Dr. Nour	.3

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Member	Assistant Lecturer	Asmaa Ghanem Ramadan	4
Member and Rapporteur	Assistant Lecturer	Majd Maysar Abdulbaqi	.5

:The Audit Committee :Fourth

The audit committee consists of the faculty members whose names are listed below

	Scientific title	the name	T
President	.Mr	Rafal Nizar Abdel Qader	.1
Member	assistant professor	Sumaya Younis Saeed	.2
Member	Lecturer	Heba Saadallah Younes	3 .
Member	Lecturer	Sarmad Sadiq Ghazi	.4
Member	Lecturer	Shaimaa Hashem Yousef	5 .
Member	Lecturer	Raafat Ragab Fathi	.6

:The Guidance Committee :Fifth

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guidance committee consists of the instructors whose The
:names are listed below

	Scientific title	the name	T
President	Lecturer	Hiba Saadallah Younis / About Females	.1
Member	AssistantLecturer	Asmaa Ghanem Ramadan First /	.2
Member	Lecturer	/ Hiba Zuhair Yassin Second	.3
Member	Lecturer	/Shaimaa Hashem Yousef Third	.4
Member	Lecturer	/ Marwa Ahmed Amin Fourth	.5
Member	Lecturer	Sarmad Sadiq Ghazi / About Males	.6

:Quality Assurance Committee :Sixth

:are listed below It consists of the gentlemen whose names

	Scientific title	the name	T
President	.Mr	Rafal Nizar Abdel Qader	.1
Member	Lecturer	Shaimaa Hashem Yousef	.2
Member	Assistant Lecturer	Majd Maysar Abdulbaqi	.3

:The Media Committee :Seventh

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:names are listed below It consists of the gentlemen whose

	Scientific title	the name	T
President	Assistant Lecturer	Asmaa Ghanem Ramadan	.1
Member	Assistant Lecturer	Rami Rakan Arab	.2
Member	Assistant Lecturer	Majd Maysar Abdulbaqi	.3

:Accreditation Committee Eighth: Institutional

:It consists of the gentlemen whose names are listed below

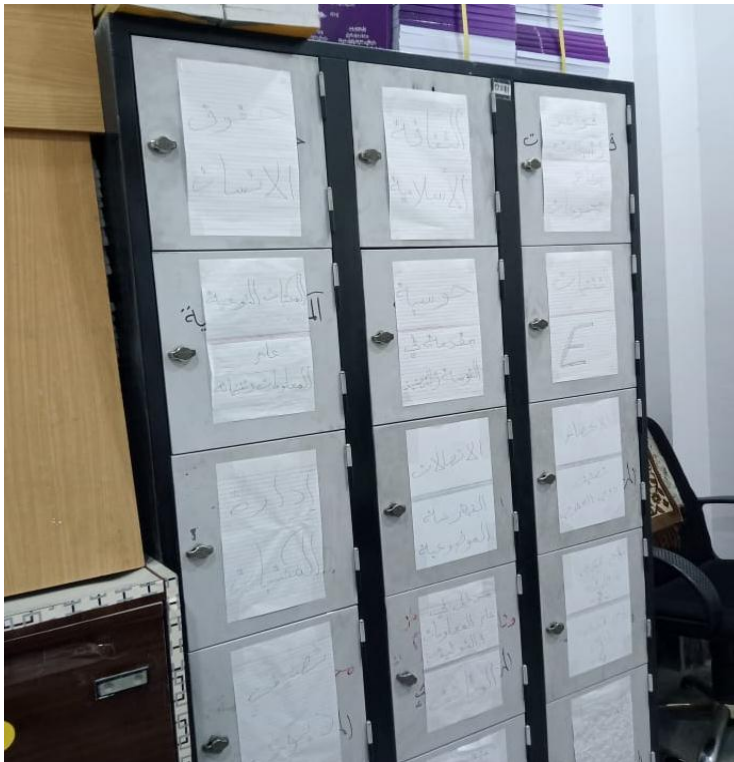
	Scientific title	the name	T
President	Lecturer	Shaimaa Hashem Yousef	.1
Member	Assistant Lecturer	Asmaa Ghanem Ramadan	.2
Member	Lecturer	Heba Saadallah Younes	.3
Member	Lecturer	Marwa Ahmed Amin	.4
Member	Assistant Lecturer	Hiba Zuhair Yassin	.5

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Information and Knowledge Technology Department Units

The department consists of a group of administrative units that : support administrative work within the department, namely

Free Education Unit: The Free Education Unit works to -1 provide textbooks that support the curriculum, and the college administration has worked to provide sufficient numbers of .them to cover the students' needs for these books



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Laboratories: The department has scientific laboratories that support the educational process and scientific research within the department. Students are taught the practical aspects of the courses they study during their four years in the department. It is worth noting that most courses include practical application, especially since there is a course in the third and fourth years that teaches practical application. The Faculty of Arts library is also used for this application, and the central library and college library are considered large laboratories for the department's students. These laboratories available in the : department are as follows



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It contains a set of **Information Technology Laboratory** - laptops that students can use in practical lectures and applied courses in the curriculum for all academic levels in the



. department

Due to **Technical Procedures Laboratory (Department Library** - limited space, the Technical Procedures Laboratory and the Department Library were merged. The idea of establishing a library within the department is very important for the practical application of the course materials taught therein. In addition, it provided the department's students with the various information resources they need in preparing their practical assignments and scientific research, whether at the level of graduation research or at the level of master's research. The

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books and journals in Arabic and 285 more than library contains and journals in English, in addition to the theses of books 300 year -the department's graduates and multiple copies of fourth graduation research from previous years. It offers internal and .rvices for this library's collectionexternal lending se

