Semester Activity of Information Technology Center
01/10/2024 - 04/10/2024

	Activity	Details
Scientific Pivot	**Conferences (accommodation or participation) name, place and date.**	None
	Symposium (accommodation or participation) Name, place and date.	None
	Workshops (accommodation and participation) Name, place and date.	1- A workshop on website development will be held at the Information Technology Center on 13/01/2024. 2- The regular meeting for the university's electronic website will take place at the Information Technology Center on 13/01/2024. 3-The laptops will be distributed to graduates at our center as part of the World Food Program for the Bridges Program trainees on 24/01/2024. 4-A workshop on using artificial intelligence for research publication will be held at the Information Technology Center on 24/01/2024. 5- A workshop on the Ecosystem Project will be held at the Information Technology Center in February 2024. 6- A Huawei Academy workshop will take place at the Information Technology Center on 14/02/2024. 7-A workshop on data analysis using Python will be held at the Information Technology Center on 21/02/2024.
	The number of achieved scientific research	1- A research paper in the field of artificial intelligence by researcher M.M. Abu Bakr Saib was published at the University of Babylon titled "Enhanced Harris Hawks Optimization (EHHO) for Detecting COVID-19 Using Chest X-Ray" as part of the AEST Conference on 12/02/2024. 2- A research paper titled "Improved Naked Mole-Rat Algorithm Based on Variable Neighborhood Search for the N-Queens Problem" was published in the *Science Journal* of the University of Baghdad by researchers M. Samer Alaa and M. Idris Alaa on 30/01/2024. 3- A research paper titled "A New Technique of FSS-Based Novel Chair-Shaped Compact MIMO Antenna to Enhance the Gain for Sub-6GHz 5G Applications" was published in *IEEE Access* by researcher M.M. Ali Abdul Latif on 25/03/2024.
	Seminars	None
	Scientific visits	1- Scientific visits will be organized for the

		students of the Control and Systems Department to the Information Technology Center to learn about the internet and intranet systems during April 2024. 2- Scientific visits will be organized for the students of the Telecommunications Department to the Information Technology Center to complete their annual projects related to conducting statistical surveys during April 2024.
	Agreements and Memoranda	None
Engineering and technical Pivot	**Laboratories (buildings and supplies)**	None
	Courses (Number - Name - Place)	1- **Eleven computer efficiency courses** were organized for faculty members to facilitate their academic promotions at the Information Technology Center, with 65 participants. 2- The **10th Digital Teaching Course** focused on the requirements for academic titles and enhancing e-learning skills for faculty members was held at the Information Technology Center from 06-20/01/2024, with 77 participants. 3- The **11th Digital Teaching Course** focused on the requirements for academic titles and enhancing e-learning skills for faculty members was held at the Information Technology Center from 24/02-07/03/2024, with 57 participants. 4- A **Computer Advancement Course for Government Employees** was held at the Information Technology Center from 11-22/02/2024. 5- An **Advanced Microsoft Word Course** was held at the Information Technology Center from 18-22/02/2024. 6- A **free Microsoft Word and Excel course for members of the Popular Mobilization Forces** was held at the Information Technology Center from 08-18/01/2024, with 25 participants. 7- A **Database Security in SQL Server Course** was held at the Information Technology Center from 25-29/02/2024. 8- A **Windows Server 2019 Course** was held at the Information Technology Center from 18-29/02/2024. 9- A **Computer Maintenance Course** was held at the Information Technology Center from 25-29/02/2024. 10- A **Database Security in SQL Server Course** will be held at the Information Technology Center from 10-14/03/2024. 11- A **Windows Server 2019 Course** will be held at the Information Technology Center from 17-28/03/2024.

		12- A **Computer Maintenance Course** will be held at the Information Technology Center from 24-28/03/2024.
		13- A **Computer Advancement Course for Government Employees** will be held at the Information Technology Center from 14-25/04/2024.
		14- Computer **and Arabic Language Efficiency Exams** for applicants to graduate studies will be organized in person, as per the Ministry of Higher Education's directives.
		15- The **Iraqi National English Language Exam** for applicants to graduate studies will be organized in person, as per the Ministry of Higher Education's directives.
		16- Under the supervision of the **University of Technology** and in collaboration with the Information Technology Center, the **Bridges Course for Graduating Students** was held in January 2024.
		17- The **Federal Service Council Exam** was held at the Information Technology Center on 18/03/2024.
		18- **Free online Huawei Academy Courses** were held at the university/Information Technology Center from 21/10/2023 to 03/01/2024.
	Engineering Projects	None

Semester Activity of Information Technology Center
04/10/2024 - 07/10/2024

	Activity	Details
Scientific Pivot	**Conferences (accommodation or participation) name, place and date.**	None
	Symposium (accommodation or participation) Name, place and date.	None
	Workshops (accommodation and participation) Name, place and date.	1. A **Python Data Analysis Workshop** will be held at the Information Technology Center on 21/04/2024. 2. A **Workshop on the Authentication of Secured Documents** will be held at the Information Technology Center on 25/04/2024. 3. A **Website Building Workshop** will be held at the Information Technology Center on 25/05/2024. 4. The Information Technology Center will hold a **workshop in the Computer Engineering Department** in collaboration with the University of Technology's presidency on 13/05/2024. 5. As part of the cooperation initiative, **students from the Telecommunications Engineering Department** will be hosted at our center in May 2024. 6. A **Workshop on the Secured Document Authentication System, First Edition** will be held at our center on 24/04/2024. 7. A **Workshop on Building the University Website** will be held at our center on 25/04/2024. 8. The **Science Exams** in cooperation with the Federal Service Council will be launched at our center on 19/04/2024. 9. A **Workshop on the Document Authentication System** will be held at our center on 30/05/2024. 10. A **Workshop on "E-Government Services for Citizens on the Our Gate**

		Government Services Portal" will be held on 09/06/2024 in the conference hall of the Computer Engineering Department.
	The number of achieved scientific research	None
	Seminars	None
	Scientific visits	A field and practical visit was organized by a university committee, tasked with coordination and cooperation with the National Data Center of the General Secretariat of the Council of Ministers, in order to benefit from its vast capabilities and gain insight into the systems used in its establishment according to rigorous global standards. The aim was to consider it as a model for potential replication in the event of establishing a data center for the university. This data center would host its local systems and support the development of scientific research for its faculty members and graduate and undergraduate students. This initiative is part of the implementation of the Council of Ministers' recommendations regarding digital transformation. The visit took place on 30/06/2024.
	Agreements and Memoranda	None
Engineering and technical Pivot	**Laboratories (buildings and supplies)**	None
	Courses (Number - Name - Place)	1- **Computer Efficiency Courses** for faculty members' academic promotions were held at the Information Technology Center, with a total of 9 courses and 41 participants. 2- **Computer Advancement Courses for Government Employees** were held at the Information Technology Center, with a total of 3 courses and 12 participants. 3- An **AutoCAD 2D Engineering Drawing Course** was held at the Information Technology Center from 19-23/05/2024. 4- A **SQL Server Database Management Course** was held at the Information Technology Center

		from 14-25/04/2024.
		5- A **Microsoft PowerPoint 2016 Beginner Course** was held at the Information Technology Center from 14-25/04/2024.
		6- A **Windows 10 Operating System and Microsoft Office Applications Course** was held at the Information Technology Center from 14-25/04/2024.
		7- Computer **and Arabic Language Efficiency Exams** for applicants to graduate studies were organized in person, as per the Ministry of Higher Education's directives.
		8- The **Iraqi National English Language Exam** for applicants to graduate studies was organized in person, as per the Ministry of Higher Education's directives.
	Engineering Projects	None

Semester Activity of Information Technology Center
07/10/2024 - 10/10/2024

	Activity	Details
Scientific Pivot	**Conferences (accommodation or participation) name, place and date.**	None
	Symposium (accommodation or participation) Name, place and date.	None
	Workshops (accommodation and participation) Name, place and date.	• Electronic linkage system workshop (the 2nd) at Information Technology Center to electronic linkage between the Administrative and Financial Affairs Department and all university institutions, 7/10/2024. • Official University E-Mail Workshop (the 1st) for liaison members in all departments and centers at Information Technology Center, 10/10/2024.
	The number of achieved scientific research	None
	Seminars	None
	Scientific visits	None
	Agreements and Memoranda	None
Engineering and Technical Pivot	**Laboratories (buildings and supplies)**	None
	Courses (Number - Name - Place)	Held the following Courses-: • Computer proficiency Methods courses for scientific promotion of lecturers at Information Technology Center, (07 courses and 45 participants). • Employees Promotion Course (computer field) at Information Technology Center, (3 courses & 11 participants) • Microsoft Word 2016 course at Information Technology Center, 16 -19/ 09/2024. • PDF management Course at Information Technology Center, 26 -29/ 08 /2024. • SQL Server course at Information Technology Center, 6-17/10 /2024.

		- Ethical writing and avoiding plagiarism Course at Information Technology Center, 22-09 to 02-10 /2024. - Windows Server 2019 course at Information Technology Center, 22-09 to 02-10 /2024. - Using AI platform ethically in the academic course at Information Technology Center, 26-29/09/2024. - Python language Course at Information Technology Center, 11-15 /08 /2024. - Auto CAD 2D course at Information Technology Center, 08 –12 /09 /2024. - LAN Course at Information Technology Center, 22-26/09/2024. - Python language Course at Information Technology Center, 16-19 /09 /2024. - Google Scholar engine & Google Scholar Account at Information Technology Center, 06 – 10 /10 /2024. - Using Email and Google Drive skills at Information Technology Center, 16-19/09/2024. - Summer Camp (4th) for University of Technology's sons. The camp curriculum included AI courses, computer skills, and English language (4 skills), Jun 09, 2024 to July 11, 2024. - Computer and Arabic language proficiency tests held for high studies applicants, accordance to the advices of Ministry of Higher Education & Scientific Research. - Iraqi National test (English, Arabic and computer) for high studies applicants inside Iraq (face to face) according to the advices of Ministry of Higher Education & Scientific Research.
	Engineering Projects	None

Semester Activity of Information Technology Center
10/10/2024 - 01/10/2025

	Activity	Details
Scientific Pivot	**Conferences (accommodation or participation) name, place and date.**	None
	Symposium (accommodation or participation) Name, place and date.	None
	Workshops (accommodation and participation) Name, place and date of the workshop	• Iraqi National Test Workshop at Information Technology Center on 10/10/2024. • Electronic Archiving Workshop at Information Technology Center on 10/10/2024 • Second Workshop of Official University E-mail for Liaison Members in All Departments and Centers at Information Technology Center on 10/29/2024.
	The number of achieved scientific research	None
	Seminars	None
	Scientific visits	None
	Agreements and Memoranda	None
Engineering and Technical Pivot	**Laboratories (buildings and supplies)**	None
	Courses (Number - Name - Place)	ing Courses :- • Computer proficiency Methods courses for scientific promotion of lecturers at Information Technology Center, (10 courses and 68 participants). • Two course of employees' promotion (computer field) at Information Technology Center, (8 participants). • Journal paper review and reviewer registration course at Information Technology Center, 10/27-31/2024. • Security in SQL Server at Information Technology Center, 27-31/10/2024. • Artificial intelligence AI course using Python language at Information Technology Center, 11/10-14/2024.

		- Front End course at Information Technology Center, 1-12/12/2024. - C# programming language course at Information Technology Center, 10/27-31/2024. - Understanding and increasing H-index ethically course at Information Technology Center, 13-17/10/2024. - Microsoft PowerPoint course at Information Technology Center, 13-17/10/2024. - SQL Server course at Information Technology Center, 1-12/12/2024. - C# programming language course at Information Technology Center, 24-28/11/2024. - Using Email and Google Drive skills at Information Technology Center, 22-26/12/2024. - Iraqi National test (English, Arabic and computer) for applying postgraduate studies inside Iraq (face to face) according to the advices of Ministry of Higher Education & Scientific Research.
	Engineering Projects	None