The Republic of Iraq
Ministry of Higher Education and
Scientific Research
Albasrah university
College of Computer Science and
Information Technology
Quality Assurance and Performance
Evaluation Division
Performance evaluation unit

Self-evaluation report form
he colleges of Basra University For

For the academic year 2022-2023
Department of Computer Information Systems

Report preparation team
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Mother. Marwa Kamel
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Name of department head: Dr. Haider Jassim Fadel Department Name: Computer Information Systems

Degree: Assistant Professor Date of establishment: 2014

Department page linkhttp://www.cit.uobasrah.edu.iq

brief history:

The College of Computer Science and Information Technology at the University of Basra seeks to keep pace with the new scientific programs that contribute to serving our dear country. It was keen to open departments to suit the labor market, including the Department of Computer Information Systems, which was established in 2014 to reflect the increasing need for specialists in this vital and advanced field. The department's plan adopted aspects of quality and academic accreditation, and the department includes many faculty members who have experience and competence, which contributes to the department achieving its vision and goals that were set for it.

The Computer Information Systems major is concerned with producing a highly qualified workforce capable of playing a leadership role in the information society. The department's program aims to address the analytical and practical skills required for students to produce and develop computer software within the latest international standards in multiple fields, especially management, business, financial, and Internet applications. It also develops individual capabilities and experiences among students and the ability to work collectively within work teams. The information systems major is considered a link between computer science majors and different fields of work. Through this department, students will be able to acquire the knowledge and skills necessary to analyze, design, develop and operate information systems in any governmental or private business organizations and institutions.

Vision:

The department's vision emerges from the college's vision, which is to contribute to the development of the educational process and to be a leading department locally, regionally, and internationally in the field of education and research in the field of computer information systems.

the message

Providing distinguished educational and research services to students that keep pace with local and international quality standards in the fields of computer and informatics, allowing for the preparation of a distinguished, competitive graduate, in addition to completing high-end scientific research and actively participating in community service and building a knowledge-based economy.

Objectives

The Computer Information Systems Department aims to prepare students for their future success in the information technology sector. It allows students to expand their knowledge and gain more skills across a wide range of computer science topics. This section will prepare the student with the specialized skills that will allow him to work as a software developer or systems engineer that relies heavily on software and information technology.

Teaching staff

total summation	Foreigners	Iraqis	Academic qualification	Always
2 5	no There is	8	Ph.D	Full-time
		1 9	Master's	
			Higher Diploma	

			Bachelor 's	
		2 7	the total	
3	no There is	3	Ph.D	part time
		0	Master's	
			Higher Diploma	
			Bachelor 's	
		3	the total	

Students

the total	Foreigners				Iraqis				the year
	4	3	2	1	4	3	2	1	the year
219					54	51	65	49	Males
521	nothing				130	97	173	122	Females
730					184	148	238	171	the total

employees

the number	Type of work/job	Sequence
1	secretary	1
5	Lab supervisor	2
6	the total	

: comparison

The plan followed in teaching and managing the educational process is a global plan and is followed in all countries in terms of study programs for primary and scientific studies and in terms of curricula and methods of preparing them.

There cannot be a clear comparison between the Department of Computer Information Systems at the College of Computer Science and Information Technology at the University of Basra and its counterpart in American or British universities, due to the difference in the department's infrastructure in addition to the exceptional circumstances surrounding the country, regardless of the Corona pandemic.

Department status

: First: The teaching staff: in terms of

1- *.Modern and precise scientific specializations*

Specialization	The scientific title	Certificate	Full name and surname	T
Pattern recognition and image processing	.Mr	Ph.D	Abbas Hassan Hanoun	1
Natural language	.Mr	Ph.D	Zainab Ibrahim	2

processing			Othman	
Wireless sensor networks	Mr.	Ph.D	Haider Muhammad Abdel Nabi	**3**
Natural language processing	Assistant Professor	Ph.D	Salma Abdel Baqi Mahmoud	**4**
Natural language processing	Assistant Professor	Ph.D	Alia Salman Saber	**5**
Fuzzy nervous systems	Assistant Professor	Ph.D	Raeda Salem Khudair	**6**
Computer networks	Assistant Professor	Ph.D	Kholoud Ahmed Nassar	**7**
Web design	Teacher	Ph.D	Nahla Abbas Falih	8
Artificial intelligence	Mr.	Master's	Maysaa Abdel Karim Nasser	**9**
Recognizing patterns	Assistant Professor	Master's	Sahira Obaid Saad	**10**
Intelligent computer education techniques	Assistant Professor	Master's	Asaad Abdel Karim Abdel Hassan	**11**
Digital image processing	Assistant Professor	Master's	Marwa Kamel Hussein	**12**
Between	Assistant Professor	Master's	Alia Saad Yassin	**13**
Data reservoirs	Assistant Professor	Master's	Alaa Khalaf Hammoud	**14**
Neural networks and genetic algorithms	Teacher	Master's	Hoda Abdel Rahim Ahmed	**15**
Digital image processing	Teacher	Master's	Muslim Mohsen Khudair	**16**
Information security (Stecanografi)	Teacher	Master's	Wad Aqeel Jawad	**17**
Managerial Accounting	Teacher	Master's	Hisham Nouri Hussein	**18**
Software (mobile applications)	Teacher	Master's	Zainab Hamid Majeed Al-Fayez	**19**
Mathematical statistics	Teacher	Master's	Hadeel Ismail Mustafa	**20**
Neural networks	assistant teacher	Master's	Zainab Baqir Dahous	**21**
Computer networks	assistant teacher	Master's	Rana Majeed Ghadban	**22**
Computer networks	assistant teacher	Master's	Bahaa Mounir Ismail	**23**
Digital image processing	assistant teacher	Master's	Maha Saleh Abdel Reda	**24**
Data security	assistant teacher	Master's	Iman Talib Jassim	**25**
information technology	assistant teacher	Master's	Iman Mohsen Hassan	**26**
Network security	assistant teacher	Master's	Lamia Ali Abdel Zahra	27
Wireless sensor networks	assistant teacher	Master's	Muhammad Diaa Badr	28

2- .Certificate holders

the number	Degree
4	Mr
9	Assistant Professor
7	Teacher
8	assistant teacher

Computer Information Systems Department staff

Who has the right to supervise postgraduate students

Date of obtaining the last title	Exact specialization	General jurisdiction	the name	Scientific rank	T
4/5/2015	Pattern recognition and image processing	computer Sciences	Abbas Hanoun Hassan Khazal Al-Asadi	. a . Dr	1
4/20/2015	Natural language processing	computer Sciences	Zainab Ibrahim Othman Ahmed Al-Fahd	. a . Dr	2
1/9/2019	IOT & Cloud Security	computer Sciences	Haider Muhammad Abdel Nabi Hassan	. a . Dr	4
1/5/2009	Natural language processing	computer Sciences	Salma Abdel-Baqi Mahmoud Muhammad Al-Mal Allah	. a . M . Dr	5
9/9/2013	Natural language processing	computer Sciences	Alia Salman Saber Allouki Al-Mouzani	. a . M . Dr	6
4/5/2014	Hybrid systems	computer Sciences	Raeda Salem Khudair, Ali Al-Naeem	. a . M . Dr	7
10/11/2014	Computer networks	computer Sciences	Kholoud Ahmed Nassar Al-Eidani	. a . M . Dr	8
3/7/2020	Artificial intelligence	computer Sciences	Maysaa Abdel Karim Nasser Swailem Al-Mishaal	. a	9
1/4/2011	Pattern recognition	computer Sciences	Sahira Obaid Saad Sakhi	. a . M	10
01/14/2020	Multimedia and computer education	computer Sciences	Asaad Abdel Karim Abdel Hassan about the pilgrims	. Mother	11
09/14/2020	Digital image processing	computer Sciences	Marwa Kamel Hussein Ali Al-Nazar	.Mother	12
2021	Data reservoirs	computer Sciences	Alaa Khalaf Hammoud	.Mother	13
2023	Between	computer Sciences	Alia Saad Yassin Jubeir	.Mother	14

3- .Department structure - number of teaching staff relative to the number of students

Ratio of faculty to students	Number of students registered for the Information Systems Department	Number of faculty members
Approximately 29.2 students for every faculty member	730	25

4- .Staff experience in the field of teaching and scientific research

5- .Ethics of teaching staff

6- *Commitment of teaching staff to office hours in following up on students and scientific research.*
7- *The development of scientific research and the writing of books: and not only for the purpose of scientific promotions.*

Second : Obtaining an academic accreditation certificate

SWOT analysis

Weaknesses	strength point
Threats	Opportunities

Third : Students

Preliminary study: in terms of -

1- *Numbers of accepted students - regarding the admission plan*
2- *Acceptance rates*
3- *Transit system*
4- *Third round*
5- *Course system*

Postgraduate studies : in terms of -
Teaching staff -1
Experience of staff in the field of teaching and scientific research -.
Relying on modern and advanced scientific sources -.
Certificate - Scientific title -.
Postgraduate students -2:
Competition rate for admission -.
Areas of admission -.
Numbers of accepted students - relative to the number of teaching staff in terms of - experience, certification, and academic title.
Building an independent library for postgraduate studies equipped with modern scientific - sources and the Internet.

Fourth - Curriculum: in terms of :

1- *The extent of the modernization of academic subjects to keep pace with scientific development and the labor market.*

Year	Semester	Course Title	Units	practical	Theoretical
First (35)	First)17 (	Computer Programming I	4	3	2
		Principles of Logic Design	3	2	2
		Mathematics for Information Systems	3	3	0
		Computer Skills	3	2	2
		English Language I	2	2	0
		Arabic language	2	2	0
	Second)18 (	Computer Programming II	4	3	2
		Computer Applications in Business	3	2	2
		Principles of Information Systems	3	0	3
		Discrete structure	3	0	3
		Information Technology Essentials	3	0	3
		Select course from list A	2	2	0
Second	First	Object Oriented Programming	3	2	2

35	)18 (	Computer Graphics	3	2	2
		Accounting	3	3	0
		Database Principles	3	2	2
		Statistics	3	3	0
		Democracy & human rights	2	2	0
	Second)17 (	Advance OOP	3	2	2
		Marketing	3	3	0
		System Analysis and Design	3	3	0
		Data Structures	3	2	2
		Web Programming	3	2	2
		English Language II	2	2	0
Third 35	First)17 (	Software engineering	3	2	2
		Decision Support Systems	3	3	0
		Artificial Intelligence	3	2	2
		Computer Networks I	3	3	0
		Human-Computer Interaction	3	3	0
		Data mining	2	2	0
	Second)18 (	Database Management Systems	3	2	2
		Computer Network II	3	2	2
		Web Programming II	3	2	2
		Operations Research for Business	3	3	0
		Project Management System	3	2	2
		Select Course from list (B)***	3	3	0
Fourth 35	First)18 (	Operating systems	3	2	2
		Mobile Applications	3	2	2
		Network Protocols and E-Commerce	3	2	2
		Data Warehousing	2	2	0
		Graduation Project	3	3	0
		Select Course from list (B)***	3		
	Second)17 (	Software Quality Assurance	3	2	2
		Information Systems Security	3	3	0
		Business Information System	3	2	2
		Geographic Information Systems	3	3	0
		Organization behaviour	2	2	0
		Select Course from list (B)***	3		

2- *.Relying on modern curricula*
3- **Availability of the number of textbooks for subjects in (free education) to the ratio of the number .of students**
4- **Teaching computer science (theoretical - practical) by a specialized teaching staff (computer .science) and based on modern curricula that keep pace with scientific development**
5- **Providing computer laboratories with modern capacity and technology and numbers of .computers appropriate to the number of students**
6- **Introducing 100% e-learning due to the circumstances of the Corona pandemic, through the use of various electronic platforms**

Number of academic hours	Technicians	Laboratory name
28	1	Connectors
28	1	Stone
30	1	9
30	0	10
18	0	Alkhawarizmi
18	1	6

7- *Focusing on teaching (practical + theoretical) some subjects to benefit the student in the labor market after graduation.*

8- *Adopting the quarterly system instead of the annual system.*

: Fifth - Service supplies: in terms of

1- *Classrooms and their suitability for teaching (cleanliness , lighting , classroom seats , availability of fans and air conditioners , windows and curtains , classroom doors, etc.).*

Subjects taught in the hall (scientific / humanities / other)	Maximum number of students	Area is square metres	Hall name or number	T
Scientific	48	114	Hall 4	1
Scientific	48	112	Hall 8	2
Scientific	48	112	Hall 10	3
Scientific	48	112	HallC1	4
Scientific	36	76	HallA3	5
Scientific	36	76	HallA4	6
Scientific	36	76	HallB3	7
Scientific	36	76	HallB4	8

2- *Modernizing and expanding the halls according to the latest specifications and providing them with all modern technologies that serve the teaching process.*

3- *Faculty members' offices in terms of availability (cleanliness , lighting , air conditioners , modern furniture , computers, and the Internet).*

4- *Toilets (bathrooms) in terms of (number - cleanliness - availability of water)*

5- *Providing potable water coolers.*

SWOT analysis

Weaknesses	strength point
Faculty members' offices in terms of availability (cleanliness, lighting, air conditioners, modern furniture, computers, and the Internet).	Modernizing and expanding the halls according to the latest specifications and providing them with all modern technologies that serve the teaching process

Threats	Opportunities
1- Toilets (bathrooms) in terms of number - cleanliness - availability of) (water	1- Classrooms and their suitability for teaching (cleanliness, lighting, classroom seats, availability of fans and air conditioners, windows and .(.curtains, classroom doors, etc

Self-evaluation of the department's general condition

in the scientific department) 2022-2023 (staff

Exact specialization	received date	The scientific title	Date of appointment at the university	Donor country	Date obtained	Certificate	full name	T
Pattern recognition and image processing	2015/5/4	.Mr	1992	China	2004	Ph.D	Abbas Hassan Hanoun	1
Natural language processing	2015/20/4	.Mr	11/12/1991	Iraq	2007/24/7	Ph.D	Zainab Ibrahim Othman	2
Wireless sensor networks	2020	.Mr	2003	Iraq	2015	Ph.D	Haider Muhammad Abdel Nabi	3
Natural language processing	2014/24/5	Assistant Professor	1994/2/10	Iraq	2007/24/7	Ph.D	Alia Salman Saber	4
Fuzzy nervous systems	2015	Assistant Professor	1990	Iraq	2004	Ph.D	Raeda Salem Khudair	5
Computer networks	12/15/2015	Assistant Professor	2/16/1992	Iraq	7/1/2008	Ph.D	Kholoud Ahmed Nassar	6
Web design	2011/12/9	Teacher	2003/8/2	Millia Islamia University - New Delhi - India	2010/2/10	Ph.D	Nahla Abbas Falih	7
Recognizing patterns	1/4/2011	Assistant Professor	/23/10 1992	Iraq	3/20/2002	Master's	Sahira Obaid Saad	8
Natural language processing	2020	.Mr	2014/5/4	Iraq	3/6/1998	Master's	Maysaa Abdel Karim Nasser	9
Intelligent computer education techniques	14/1/2020	Assistant Professor	1994	Iraq	1994	Master's	Asaad Abdel Karim Abdel Hassan	10
Digital image	2020/14/9	Assis	2007/5/2	Iraq	2013/13/5	Master's	Marwa Kamel	11

processing		tant Profe ssor					Hussein	
Between	2009/22/4	Assis tant Profe ssor	2004/28/3	Iraq	/18/12 2004	Master's	Alia Saad Yassin	12
Neural networks and genetic algorithms	2007/7/9	Teac her	1997/8/11	Iraq	/31/12 2001	Master's	Hoda Abdel Rahim Ahmed	13
Digital image processing	11/1/2016	Teac her	2003/15/3	Iraq	2012/18/3	Master's	Muslim Mohsen Khudair	14
Information security (Stecanografi)	2019	Teac her	2007/18/4	Iraq	2012	Master's	Wad Aqeel Jawad	15
Data reservoirs	2021	Assis tant Profe ssor	2009/21/7	Iraq	2014/1/1	Master's	Alaa Khalaf Hammoud	16
Neural networks	2007/27/4	assist ant teach er	1995/24/6	Iraq	2006	Master's	Zainab Baqir Dahous	17
Computer networks	12/31/200 9	assist ant teach er	3/9/2003	Malaysia	12/31/200 9	Master's	Rana Majeed Ghadban	18
Computer networks	8/5/2013	assist ant teach er	2006/3/12	Hind Al- Baba University	9/1/2013	Master's	Bahaa Mounir Ismail	19
Digital image processing	2015	assist ant teach er	2006	Iraq	2013	Master's	Maha Saleh Abdel Reda	20
Mathematical statistics	/23/11 2020	Teac her	/18/12 2016	Iraq	2014	Master's	Hadeel Ismail Mustafa	21
Software mobile) (applications	2020/12/7	Teac her	2007/19/3	Britain	2015/19/3	Master's	Zainab Hamid Majeed Al-Fayez	22
Data security	2018/20/8	assist ant teach er	2002/28/5	Iraq	2015/7/7	Master's	Iman Talib Jassim	23
information technology	10/31/201 7	assist ant teach er	11/3/2008	Malaysia	2/9/2015	Master's	Iman Mohsen Hassan	24
Managerial Accounting	10/21/2020	Teach er	10/14/2010	Malaysia	2014	Master's	Hisham Nouri Hussein	25
Network security	/26/11 2023	assist ant teach er	/26/12 2016	Iraq	2023/7/11	Master's	Lamia Ali Abdel Zahra	26
Wireless sensor checks		assist ant teach		Iraq		Master's	Muhammad Diaa Badr	27

								er		

(2022 – 2023) Faculty members continuing postgraduate studies

The country in which the doctorate is being taught	received date	The scientific title	Date of appointment at the university	Donor country	Date obtained	Certificate	full name	T
Russia	2018	assistant teacher	2002	Iraq	2020	Master's	Iman Talib Jassim	1
Iraq	2016	Teacher	2003	Iraq	2019	Master's	Muslim Mohsen Khudair	2
Iraq	2007	Teacher	1997	Iraq	2020	Master's	Hoda Abdel Rahim Ahmed	3
Iraq	2021	Teacher	2015	Iraq	2020	Master's	Hadeel Ismail Hamza	4

Staff in the department)2022-2023(

-: from where

1- **Improvement and development plan**
2- **Number of employees actually working**

the job	Certificate	Career Title	Name of the employee	T
University of Basra - College of Computer Science and Information Technology	Bachelor 's Information systems	Secretary of the Scientific Assistant Office	Spectra Hamid Fadel Hussein Al-Ali	1
University of Basra - College of Computer Science and Information Technology	Bachelor 's Information systems	Lab supervisor	Fatima Jassim Muhammad Daoud Al Musawi	2
University of Basra - College of Computer Science and Information Technology	Bachelor 's Information systems	IT module	Ibrahim Sadiq Ibrahim Sadiq	3
University of Basra - College of Computer Science and Information Technology	Bachelor 's Information systems	IT module	Rabab Hassan Sabr	4
University of Basra - College of Computer Science and Information Technology	Bachelor 's Information systems	Lab supervisor	Maryam Raad Abdel Sada	5

University of Basra - College of Computer Science and Information Technology	Bachelor 's Information systems	Lab supervisor	Hawraa Abdul Hussein Kazem	6
University of Basra - College of Computer Science and Information Technology	Bachelor 's Information systems	Lab supervisor	Nahla Hamad Abdel Samad	7
University of Basra - College of Computer Science and Information Technology	Bachelor 's Information systems	Lab supervisor	Ghadeer Muhammad Ali Shaker	8
University of Basra - College of Computer Science and Information Technology	Bachelor 's Physical Education	Secretary to the head of the department	Sabah Ahmed promised	9

3- **The need for employees in terms of certification and specialization**
4- **Suitability of employee offices (furniture - cooling - heating - computers - lighting - cleanliness)**

Link	date of publication	Its type	Name of the journal/conference	Researcher's name	Search Name	T
https://beei.org/index.php/EEI/article/view/4083	*2022/10*	*Scoops Q3*	Bulletin of Electrical Engineering and Informatics	Abdul Karim Younis Turki Younis	A new modified grasshopper optimization algorithm	1
https://ijece.iaescore.com/index.php/IJECE/article/view/25946	*Vol.12 No 6 9/2022*	*Scopus Q2*	International Journal of Electrical and Computer Engineering (IJECE)	Suhair Al-Halafi Maysaa Abdel Karim	Cascade networks model to predict the crude oil prices in Iraq	2
https://ijeee.edu.iq/Papers/Vol18-Issue2/1570801485.pdf	*2022/12*	*local*	Iraqi Journal for Electrical and Electronic Engineering	Jawad Al-Kinani/ Shatt Al-Arab University Kholoud Ahmed Nassar	Network Monitoring Measurements for Quality of Service: A Review	3
https://ieeexplore.ieee.org/document/9568424/	*2022/12/7*	*local*	2021 International Conference on Communication & Information Technology (ICICT) - Basra - IRAQ	Sahira Obaid	Find Edge Map for Medical Images Based on Texture Characteristics	4
https://ijici.edu.iq/index.php/1/article/view/15/18	*2022/12*	*local*	Iraqi Journal of Intelligent Computing and Informatics (IJICI) Vol.1, 2,	Sahira Obaid	REVIEW IN IMAGES ENHANCEMENT MEDICAL USING CURVELET TRANSFORM AND VECTOR INFORMATION	5
https://www.informatica.si/index.php/informatica/article/view/4284/1857	*2022/6*	*Scoops*	Informatica 46 (2022) 85-94 85	Sahira Obaid Israa Jassim	Citrus Diseases Recognition by Using CNN Model	6

Link	date of publication	Its type	Name of the journal/conference	Researcher's name	Search Name	T
https://qu.edu.iq/journalcm/index.php/journalcm/article/view/1116	Vol. 14(4) 2022, pp Comp. 90–98	local	Journal of Al-Qadisiyah for Computer Science and Mathematics	Arwa Akram Alia Salman	Explicit aspect extraction techniques: Review	7
	Vol. 2, 1 2868			Hind Sabah		
https://ieeexplore.ieee.org/document/8596420	21-27 October 2018	IEEE	2018 IEEE 5th International Congress on Information Science and Technology (CiSt)	Naila Abbas Sabah Alia Salman	Machine Learning Techniques Webpage Classifications: Review	9

Link	date of publication	Its type	Name of the journal/conference	Researcher's name	Search Name	T
				Nahla Abbas		
				Displaced thunder		
				Mishal Al-Zubaidi	in Medical Environments	
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/30871	**2023/5**	*Scoops*	Indonesian Journal of Electrical Engineering and Computer Science	Muslim Mohsen	An innovative fractal architecture model for implementing MapReduce in an open multiprocessing parallel environment	11
ISSN: 2302-9285, DOI: 10.11591/eei.v12i4.4977	**2023/8**	*Scoops Q3*	Bulletin of Electrical Engineering and Informatics	Muslim Mohsen	New efficient fractal models for MapReduce in OpenMP parallel environment	12
DOI: https://doi.org/10.55145/ajest.2023.02.02.016	**2023/3**	*world wide*	Al-Salam Journal for Engineering and Technology	Muslim Mohsen	A New Fractal Topologies Based on Hypercube Interconnection Network	13
https://beei.org/index.php/EEI/article/view/4039	**2023/6**	*Scoops Q3*	Bulletin of Electrical Engineering and Informatics	Marwa Kamel Asaad Al-Hajjaj	Protection of images by combination of vernam stream cipher, AES, and LSB steganography in a video clip	14
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/31115/17513	**2023/8**	*Scoops Q3*	Indonesian Journal of Electrical Engineering and Computer Science	Wad Aqeel Alaa Khalaf	Nexus between Iraqi SMEs cloud computing adoption intention and firm performance: moderating role of risk factors	15
https://ijece.iaescore.com/index.php/IJECE/article/view/28578	**2022/12**	*Scoops Q3*	Indonesian Journal of Electrical Engineering and Computer Science	Wad Aqeel Alaa Khalaf	Hybrid information security system via combination of compression, cryptography, and image steganography	16

https://ijeecs.iaescore.com/index.php/IJEECS/article/view/27207/16825	**2022/11**	*Scoops Q3*	Indonesian Journal of Electrical Engineering and Computer Science	Wad Aqeel Alaa Khalaf	A prediction model based on machine learning algorithms with feature selection approaches over imbalanced dataset	17
https://jceps.utq.edu.iq/index.php/main/article/view/192	**2022/12**	*local*	Journal of Education for Pure Science- University of Thi-Qar	Hussein Zia Khalaf Dr.. Abbas Hanoun	Detection of Image Tempering: Conventional and Deep Learning-based Techniques	18
https://www.journalofbabylon.com/index.php/JUBPAS/article/view/4682	/5 2023	*local*	College of Sciences for Women, University of Babylon	Maha Ali Dr.. Abbas Hanoun	A Review of Skin Cancer Detection: Traditional and Deep Learning-Based Techniques	19
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/29694	**2023/1**	*Scoops Q3*	Indonesian Journal of Electrical Engineering and Computer Science	Nada Badr Jarah Kadhim Mahdi Hashim21 Abbas 22 Hanon Hassin	Earthquake prediction in Iraq using machine learning techniques	20
https://ieeexplore.ieee.org/document/9888328/	**2022/10**	*Scoops*	International Conference on Engineering Technology and their Applications (IICETA	Zainab Hamid Eman Mohsen	Design and Implement a Web-Based Learning System to Provide E-learning at the University of Basrah During Crises	21
https://dl.gi.de/items/00014437-0eac-43f3-acfe-a0e8bb9cef86	**2022/12**	*world wide*	De Gruyte r	Zainab Hamid	Design and implement a *mobile* based system to teach *traffic signs*	22
https://faculty.uobasrah.edu.iq/uploads/publications/1691407220.pdf	**2023**	*Scoops*	Informatica	Noor Mohammad Dr.. Raeda Salem	Fake image detection using deep learning	23
https://ijisae.org/index.php/IJISAE/article/view/2841	**2023**	*Scoops*	**International Journal of Intelligent Systems and Applications in Engineering (IJISAE)**	Noor Mohammad	Deep Learning and Feature Extraction of Brain Tumor Detection	24

Link	date of publication	Its type	Name of the journal/conference	Researcher's name	Search Name	T
https://www.informatica.si/index.php/informatica/article/view/4375	2022/9	*Scoops*	.informatica	Noor Mohammad Dr.. Raeda Salem	Combination of Machine Learning Algorithms and Resnet50 for Arabic Handwritten Classification	25
https://www.informatica.si/index.php/informatica/article/view/4724	2023	*Scoops*	.informatica	Janan Abdul Karim Dr.. Raeda Salem	Integration of EfficientNetB0 and Machine Learning for Fingerprint Classification	26
https://ijici.edu.iq/index.php/1/article/view/26	6/2023	*Scoops*	Iraqi Journal of Intelligent Computing and Informatics (IJICI)	Muntazar Muslim Dr.. Haider Mohammed	Enhanced Security of Iraqi National Card Based on Blockchain Technique	27
https://www.informatica.si/index.php/informatica/article/view/4668	2023	*Scoops*	Informatica	Alaa Dahi Dr.. Haider Mohammed	Detection of IoT Botnet Cyber Attacks using Machine Learning	28
https://www.informatica.si/index.php/informatica/article/view/4519	2023	*Scoops*	Informatica	Alaa Khalaf	Predicting Students Performance Using Supervised Machine Learning Based on Imbalanced Dataset and Wrapper Feature Selection	29
http://scjournal.ius.edu.ba/index.php/scjournal/article/view/232	2022/9	*world wide*	Southeast Europe Journal of Soft Computing	Alaa Khalaf Alia Saad	Machine Learning Algorithms in Analysis, Diagnosing and Predicting COVID-19: A Systematic Literature Review	30

Number of planned research = 53	Number of published research = 30					
	At a conference		In a magazine			
Sent for publication = 6	Outside	inside	Web of science	local	worldwide	Scoops
	1	3	1	6	3	20

Numbers of students/initial study) 2022-2023 (

the total	Evening study	Morning study	school grade
217	46	171	The first stage
283	45	238	The second phase
200	52	148	third level
246	62	184	The fourth stage
946	**205**	**730**	**total summation**

Success rate/initial study) 2022-2023 (

the total	Evening study	Morning study	school grade
36.0595	45.299	26.82	The first stage
16.5225	13.725	19.32	The second phase
54.3615	58.333	50.39	third level
50.69	55.55	45.83	The fourth stage
278.4933	**43.226**	**513.76**	**total summation**

Numbers of postgraduate students (2320 (2022 –

Graduates	Writing stage	Courses stage	Type of study
nothing			Higher diploma
nothing	7	4	MBA Masters
nothing			Ph.D. Ph.D

Scientific activities (2320 (2022 –

2021		2022	
the address	the date	the address	the date
Sign Language Gesture Recognition using Deep Learning	11/21/2022	(Injuries Sports and how to treat them)	12/12/2022
Opening of the table tournament	11/21/2022	(Feasibility Economics from the Gulf 25)	12/14/2022
An entertainment trip for college students and professors	11/24/2022	Computer Network Monitoring to Performance Evaluation for Quality of Services	12/21/2022
A lecture on electronic blackmail	11/27/2022	Traffic Load Balancing Based Congestion Avoiding in high Speed Networks	12/21/2022
phishing websites detection using machine learning	11/28/2022	The student's experience after graduation in the labor market	**3/27/2022**
Epileptic detection from EEG recordings based on machine	09/05/2022	Summer training and how to benefit from it	**3/17/2022**

learning techniques			
Pre Diagnosing the Stroke Using Artificial Intelligence	09/05/2022	Authentication for Patient's E-Healthcare System: Safety and Privacy	2/26/2022
Prediction Using Artificial Neural Network	09/05/2022	Skills in PowerPoint	/12/4−8 2022
Biologically Inspired Path Planning Method For Autonomous Mobile Robot	09/12/2022	Forgery Electronic Documents Detection Using New a Fragile Watermark Secret Generator	2022/26/9
An Efficient User Authentication Scheme For Electronic Health Record Systems .docx	2022/12/9	Big data classification framework for public e-governance using machine learning techniques	2021/26/9
Removal Homogeneous Haze from a Single Image using DAOD-Net and DRHNet-K	2022/19/9	DOCUMENTS FORGERY DETECTION BASED ON CONVOLUTIONAL NEURAL NETWORK	2022/26/9

Service supplies)2022-2023(

the number	the information
Shared	Private rooms for faculty members
nothing	Private computers (laptops) for teachers
3	Special computers (laptops) for administrative work
Nothing	Computers (laptops) for scientific research
5	Classrooms for primary school students
5	Computer laboratories
100	Computers (laptops) available to primary school students (computer laboratories)
1	Postgraduate student halls
Nothing	Computers (laptops) available to postgraduate students
2	Private bathrooms for faculty members and staff
2	Private bathrooms for students of the scientific department

Signature of the department head **M.**
Haider Jassim Fadel ..Dr