



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



Improvement and achievement plan template
Basra University colleges and scientific departments
Academic year 2022 -2023
Department of Computer Science

Preparation

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Improvement plan for scientific departments

First – types of strategies

Types of strategies	
<p>SO Growth and : (Expansion ● Encouraging teachers to raise their scientific competence by providing capabilities for scientific research</p>	<p>- Opportunities Strategies: WO (Develop and (Improve ● Lack of delegations that would develop the scientific and research level of university professors</p>
<p>ST stability and) : (stability ●</p>	<p>) Weakness Strategies – Threats WT (Deflation : ●</p>

secondly – The strategic objectives and policies of the department in light of the environmental analysis and the college’s strategic plan

Department objectives

-1 Producing graduates with a future in the information technology sector.

Effective participation in community service and building an economy based on information technology -2

strategic goals

To achieve the general objectives of the scientific department, the strategy must adopt a set of strategic objectives and be formulated to be linked to the reality of the department, college, and university and their current state, and to have quantitative standards by which the extent of achievement and achievement of the target can be measured. In light of the department and college’s vision and mission, environmental analysis, and the university’s strategic plan; The department seeks to achieve the following strategic goals

- 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 department 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

Third – Analyzing the gap between the current situation and strategic goals

The gap study was based on the results of the environmental analysis **SWOT Analysis** and the department’s self-study, as well as the report of follow-up visits, and then, in light of the above, it was impossible to identify the gap between : the current situation of the scientific department , and what the college seeks to achieve in terms of future goals; To support and consolidate the college’s mission, consistent with the university’s strategic plan . The study resulted in proposing methods and policies to achieve the targeted balance in light of the available sources of funding and arranging priorities to achieve the strategic goals of the department and college

The previous analysis showed that there is a gap between the current status of the scientific department and : college and the strategic goals represented in the following elements

.1 Lack of practical experience on the ground

Lack of capabilities for the desired performance .2

Accordingly, the current situation needs to be reorganized in order to comply with the requirements of academic accreditation and the excellence desired locally and regionally. Therefore, it is necessary to : create a distinct educational climate, which is as follows

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

.2 . The need for employees to replace teachers in some tasks so that they can devote themselves to teaching

. The need for courses outside the country .3

The need for scientific visits outside the country .4

Fourthly - Linking the department's strategic plan to the college's strategic plan.

There is a close connection between the department's strategic plan and the college's strategic plan, as well as a significant connection between the department's mission and vision and its strategic goals, and between the college and university's vision and mission and their strategic goals. This connection is evident in the **SWOT analysis** that was conducted in light of the corresponding variables in the quadrilateral analysis of the scientific department; Therefore, it can be summed up that the department's strategic plan stems from . and emanates from the college's strategic plan

1. : In the field of education and learning

Through the College Council's approval of the study plan submitted by the department . and then obtaining the university's approval for it

2. : In the field of scientific research

Raising the scientific level of the teacher by increasing his research will lead to raising the scientific .level of the student

3. : In the field of community service and environmental development

Cooperation with other departments in the department's field of specialization.

Fifth : Arranging priorities in light of relative importance and available funding.

1. .Development of scientific laboratories
2. Updating the curriculum
3. The presence of technical staff in laboratories
4. .Increase scientific visits

Sixth : Policies and procedures for implementing the strategic plan to qualify for department accreditation.

Based on the vision and mission of the department, the following policies and procedures are :implemented

.Providing the Internet at all times while providing modern technologies in scientific laboratories

Seventh – Identifying expected difficulties and challenges.

:Difficulties facing the implementation of the department's strategic plan

Lack of technical staff in laboratories .1

The building does not accommodate student preparation .2

. The Ministry's failure to adhere to the admission line for each academic year .3

:Suggestions to confront difficulties

. Responding to the department's needs financially and morally . 1

Increasing the department's powers .2.

Eighth- Executive plan.

: Teaching staff development program -1

2- . Twinning with international universities

Development courses - 3

: Curriculum Development Program -2

- Preparing new curricula that keep pace with developments in the field of information technology
- .Increasing the number of graduate research that addresses the country's needs

: Publishing and Scientific Research Development Program -3

- .Courses on publishing in Scopus magazines

: Program for measuring performance and achieving academic accreditation -4

Ninth- Mechanisms for ensuring evaluation methods, follow-up and continuity of the strategic plan

The continuity and follow-up of the plan in the future depends on its continuous communication with the needs of the labor market and community participation, starting from the needs of society in light of contemporary national and global trends so that it meets the requirements of progress and the scientific and technological revolution, and remains an active partner in achieving sustainable community development . Therefore, the Department of Business Administration, College of Administration and Economics, University of Basra, must maintain its permanent and effective connection with society. The college must bear its responsibilities and obligations - in addition to the educational process - towards continuous scientific research. Searching for facts, conveying and developing them, in addition to carrying out its multiple societal responsibilities, including enlightenment, constructive criticism, leadership and training . Therefore, it must deepen and develop these functions in order to ensure the effectiveness of its roles. Future planning ambitions to achieve the comprehensive quality of the college will remain subject to several factors and guarantees. The

: most important of them are

Quality management at the university by giving courses to staff in all colleges on quality -1

. requirements

- . Increase financial support for applied research - 2
- . Appointing people whose mission is quality management only -3

Axes (Implementation) : Completing the improvement plan for scientific departments

- Academic accreditation plan for scientific departments
- Curriculum development plan for scientific departments
 1. Striving to develop the curriculum by updating it periodically so that it keeps pace with .scientific development and the requirements of the labor market
 2. Follow up on the implementation of the curriculum after its approval and develop the .necessary standards and models for this
 3. Adopting the latest methods and technologies used globally to develop curricula, and .benefiting from national, regional and global expertise in this field
- Problems and obstacles

The strategic plan for faculty members according to academic title and certificate

Plan 2022-2023							Completed 2021-2022						Planned 2021-2022								
Master's degree				Ph.D			Master's degree				Ph.D		Master's degree				Ph.D				
mil	M	a.	a	M	a.	a	mil	M	a.	a	M	a.	a	mil	M	a.	.a	M	a.	a	
lim		M			M		lim		M			M		lim		M			M		a
ete							ete							ete							
r							r							r							
2	6	3	0	4	4	7	3	6	2	1	6	4	4	3	5	3	1	3	6	7	

strategic plan for the staff

Planned 2022-2023		Completed 2021-2022		Planned 2021-2022		
Technicians	Administrators	Technicians	Administrators	Technicians	Administrators	
	-	-		6	-	

Scientific research - scientific departments

Planned 2022-2023		Completed 2022-2021		Planned 2021-2022	
Applied	theory	Applied	theory	Applied	theory
51		31		51	

Planned 2022/2023				2022-2021 Completed				Planned 2021/2022			
Methodical books				Methodical books				Methodical books			
Help	Main	E	Arabic	Help	Main	E	Arabic	Help	Main	E	Arabic
24		24	20	-		-	-	24		24	20

Strategic plan: Needs for books and scientific sources

strategic plan for missions and vacations

Planned 2021/2022				Completed 2021/2022				Planned 2021/2022			
Missions		Study vacations		Missions		Study vacations		Missions		Study vacations	
Outside Iraq	Inside Iraq	Arabic	Foreign	Outside Iraq	Inside Iraq	Arabic	Foreign	Outside Iraq	Inside Iraq	Arabic	Foreign
-	-	2	-	-	-	2	1	-	-	2	1

strategic plan for recruiting and training workers to develop cadres

Planned 2022-2023				Completed 2021-2022				Planned 2021-2022			
employees		Teaching staff		employees		Teaching staff		employees		Teaching staff	
Outside Iraq	Inside Iraq	Outside Iraq	Inside Iraq	Outside Iraq	Inside Iraq	Outside Iraq	Inside Iraq	Outside Iraq	Inside Iraq	Outside Iraq	
-	-	-	-	-	-	-	-		-	-	

strategic plan for future capacity

Planned 2022-2023				Planned 2021-2022				2022-2021 Planned			
employees		Teaching staff		employees		Teaching staff		employees		Teaching staff	
Technicians	Administrators	M	Dr	Technicians	Administrators	M	Dr	Technicians	Administrators	M	Dr
6	6	10	10	-	-	-	-	6	6	10	10

Postgraduate studies - preliminary study : strategic plan for accepting students

2023-2022 Planned			2022-2021 Completed			2022-2021 Planned		
Supreme	Preliminary study		Supreme	Preliminary study		Supreme	Preliminary study	
the plan	Evening	morning	the plan	Evening	morning	the plan	Evening	morning
5	50	50	14	140	170	5	50	50

Academic years						Interviewer
2023-2022		2022-2021				
Scheme		Achieved		Scheme		
M	s	M	s	M	s	
	30		26		26	Teaching staff
	4		2		2	Scientific promotions
	12				12	Staff
						Scientific plan
	51		31		51	Completed research
	2		-		2	Authored books
	1				1	Annual scientific conferences
						Annual seminars
	30				30	Study groups
	15				15	Discussions
						students Affairs
	5		14		5	Postgraduate students
306		290		290		Primary school students

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
- 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) 0
- 5- .Providing potable water coolers

Subjects taught in the hall (scientific/humanities/other)	Minimum number of requests	Area in square metres	Name or number	T
Scientific	42	76	Hall 1	1
Scientific	46	114	Hall 3	2
Scientific	64	72	Hall 5	3
Scientific	80	112	Hall 7	4
Scientific	64	112	Hall 9	5

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

