



Original Article

The Role of Electronic Management in The Development of Karate in Sports Organizations

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Abstract

This research aims primarily to identify the role of electronic management in developing the administrative performance of karate in sports organizations. The authors used the descriptive approach, and the authors chose. The participants was conducted using the intentional method from the research community, which amounted to (65) sports administrators, and the size of the research amounted to. The basic sample (50) sports administrators, while the size of the exploratory sample was (15) sports administrators. They were selected from within the research community and from outside the basic sample of the research, and the most important results of the research were that E-management has an important impact on developing the administrative performance of karate in sports organizations, and the availability of the human, legal, technical, technological, financial and administrative requirements are weakly necessary for applying electronic management to sports organizations. The study recommends the necessity of moving towards electronic management within sports organizations, given its importance in raising performance levels and enhancing the efficiency of administrative performance.

Keywords: *Electronic Management, Sports Organizations, Karate*

Introduction

Electronic management represents a cultural and civilized boost for the societies and its effect spreads to include all political, economic and social sides. Information production, operation, circulation and utilization in making decisions and fulfilling goals become a real axis for new administration interest. According to the previous, electronic management represents a new method for modern administration embodiment and liberal culture that is freed of all constraints and bureaucratic actions and has quality services proceeded for the citizens hopes and ambitions. (Al-Sharai, 2007)

It is defined as the matrix of works and activities which are performed electronically through the networks. They perform administrative duties of planning, organizing, monitoring



and making decisions through using information technology disciplines inside the organization from one side and making processes of connecting the organization with the group of effective entities for developing organizational relations with its environment from the other side. (ghaleb, 2017)

Electronic management is the organization's ability to present services and exchange information between its elements, its citizens and other working organizations simply, accurately, in short time and in any place by using electronic tools as the internet or any electronic connection network. It is unprecedented administration without paper, time limits, buildings and traditional organizational structures. According to this, electronic management represents one of the modern attitudes in management and it presents services, simplifies procedures, complete transactions, fulfill policies and decisions making speedily, accurately and effectively. This is reflected positively on the relationships between citizens in the same district and makes them away from different problems and crisis that threaten the district stability and sustainability in performing its vital functions which affect on its self ability in establishing the competitive advantage. (Amin's, 2021)

The authors believes that e-management is a new and sophisticated methodology in management, based on comprehensive absorption, conscious use and positive investment of information and communication technologies in the practitioner of the basic functions of management and contributes to electronic management to improve the performance of management services and build the effective competitiveness of contemporary organizations, thus moving management from the traditional expensive pattern of time, money and effort to the modern pattern that is characterized by efficiency, speed and flexibility by applying electronic management ideas that focus on the principle of time is the resource The most vital, timely implementation of management functions in a timely manner.

As you know, re-engineering works, governmental relations and activating information and communications technology and change them into electronic form. This is for presenting governmental services for individuals and business sector accurately. This electronic form aims at obtaining services more transparently and speedily to save the society needs and ambitions through presenting effective, accurate and general services and creating digital interaction between individuals, works sector and governmental units. (Muttalib, 2018)

The electronic management is a new and developing method in management which depends on complete understanding and conscious use and positive investment of information technology and communications in practicing main functions in management. electronic management participate in improving administration services performance and building effectively competitive abilities for contemporary organizations. Due to this the administration transferred from the wasting time, money and labor method into the modern method which is featured by efficiency, speed and flexibility in applying ideas of electronic management which



focuses on the principle of time as it is the more vital resource, performing administration functions in the suitable time and making it clear that the need for modernizing inside the organization becomes an unescapable matter. Modernizing is like the human needs to water and breathe, lives in a world whose prevailing feature is challenges and fluctuations. The world's parts become near and life becomes faster and obligates us new values which doesn't allow us to rest, be stable, waste time or murder creativity or creators. It is important to benefit from talents and create new thinking environment for making future and rising up. There is no doubt that changing with its positive directions has a lot of difficulties, crisis and troublesome questions which crash with the old reality, so the process of reformation and changing aim at treating defects and shortage inside the organization according to designed plan without causing harm and to make response to the sense of changing and development importance. This is to leave a critical reality to a better one to ensure the organization survival and improve its performance. In this process, the leadership and employers with different attitudes and desires melt their efforts to shape a changing bloc using different available resources and techniques. (Al-Hayali, 2015)

The electronic management is from modern methods in management. It uses modern electronic techniques which has effective effect and represents one of the concepts of digital revolution. It allows knowledge and administrative services to all people in less time and expenses and electronic communication with the outside and inside environment to plan the suitable sports plan. This information revolution in all shapes imposes the sports organizations in different shapes a lot of challenges and obstacles, so it is important to coordinate efforts for discussing these challenges and obstacles and finding suitable solutions for them. It is important also to keep up developments which the world face in karate field inside these sports organizations. This directs the authors to study the electronic management and its role in developing the administrative performance for karate sport in sports organizations.

The scientific importance of the research becomes clear from being an effort to reach to a group of performance indicators which are suitable for defining the role of applying electronic management in developing administrative performance for karate sport in sports organizations. This study can be a new addition to the knowledge field especially in the Arabian library and measuring the requirements of applying electronic management in sports organizations. This study also participates in clearing the concept and requirements of electronic management and its importance in managing sports activities.

The study has a practical importance of participating in clearing the role of electronic management in developing administrative performance of karate sport in sports organizations and requirements of its application and processing. The study defines the participation of electronic administration, when being applied, in developing administrative performance from the side of speed, accuracy and improvement and its role in neglecting the traditional working procedures inside the sports organizations.



The study aims at defining the role of electronic management in developing administrative performance of karate sport in sports organizations and this is from:

- 1- defining the actual reality of electronic management requirements availability in developing administrative performance of karate sport in sports organizations.
- 2- The reality of electronic management as an approach of developing administrative performance of karate sport in sports organizations according to the point of view of sports administrators.

Study Questions:

- 1- How far are electronic management requirements available which are human, financial, administrative, technical and professional in sports organizations?
- 2- What is the role of electronic management as an approach in developing administrative performance of karate sport in sports organizations?

Methods

The authors used the descriptive approach using the analytical survey method, as it is suitable for the nature and variables of the study.

Participants:

The study community are the manager and administrative employees of sports activities in clubs and sports organizations.

The authors selected (65) participants purposely from the community. They were distributed into two groups, the first group was (15) for the pilot study while the second group was (50) for the main study.

Table 1. Description of the participant groups

Participants	Number	Ratio
The pilot study	15	23.077%
The main study	50	76.923%
Total	65	100%

Procedures

The authors depends on specialized references, standardized interviews and previous studies related to the study variables as (Sayeh, 2019), (- Awil Abdul Samad, 2020) (Tawfeek, 2020), (Yademy, 2020) to design the questionnaire form as a mean of data collection tool after ensuring its reliability and validity.



1. Forming the questionnaire

The authors defined the main used axes of the questionnaire form through scanning the literature review and specialized scientific references. The authors designed the questionnaire form to show it to the experts to know their opinions and this form contains the main proposed axes. The authors showed five experts the proposed axes in the field of sports administration. The experts are selected according to the following criteria:

- Being academic and certified to doctorate degree in the field of sports administration.
- Having experienced in the field of sports administration for not less than fifteen years.

This is for defining their scientific opinions about the proposed axes of the questionnaire and the axis relation to the study subject, adding some axes, omitting some other axes and defining the percentage of each axis. Two main axes and five sub-axes are defined for the questionnaire form of electronic management.

2. Determining the phrases of the questionnaire

The authors phrased the phrases of each axis through reviewing the specialized references and previous studies and surfing the internet. The following criteria are selected for defining the questionnaire phrases:

- Each phrase has just one definite meaning or expressing just one idea.
- Each phrase is freed from other phrases in the questionnaire. Each phrase is not built according to other phrases.
- The phrases are phrased in a reportable manner and not to use negation.
- Simple and complicated vocabulary are not used.

Table 2. Description of the questionnaire form for electronic administration in its initial form

Axis Name		Nr. of Phrases	Percentage
First Axis: electronic management Requirements		28	70%
1	Human requirements	6	15%
2	Financial requirements	6	15%
3	Administrative requirements	6	15%
4	legal Requirements	5	12.5%
5	Technical and professional requirements	5	12.5%
Second Axis: The role of electronic management in developing the administrative performance of karate		12	30%
Total		40	100%

The authors designed the questionnaire form and showed it to the experts for their scientific opinions about how far the objective phrases are suitable for each axis and how far



the proposed evaluation scale is suitable which represents the response in its used in the main application or proposed other scale which may be more suitable. The experts response to the proposed was 100% and table (2) described the questionnaire form in its initial form.

Pilot study

The authors carried out the pilot study from 2/1/2024 to 3/1/2024 in order to:

- Ensure the suitability of the proposed questionnaire form for the research sample.
- Identify assistants and ensure they understand the questionnaire.
- Ensure that the scientific transactions of the questionnaire form are achieved.

Content validity of the questionnaire

The authors showed five experts the axes and phrases of the questionnaire form (attachment 1) to get their scientific opinions about how far the axes and phrases of each axis are suitable and by this the authors ensures the validity of the questionnaire phrases according to the experts' instructions. The authors were satisfied by percentage of 80% of acceptance on the questionnaire axes and phrases.

Table (3) of the experts' opinions percentage clears that all the questionnaire phrases record from 80% to more of the experts opinions. The total number of the questionnaire phrases is (40) phrases.

Internal consistency Validity of the questionnair

The authors performed the internal consistency through applying the questionnaire form after the experts' opinions on the pilot sample of (15) individuals which was precisely selected before. It is to calculate the internal consistency validity by using Pearson correlation coefficient between the phrase of each axis and the total of each axis from which the phrase is detected. The application of the questionnaire was made on the pilot sample as shown in table (4).

It is clear from Table 4 that all the statements of the questionnaire form were statistically significant at the level of (0.05), as all the values of the calculated correlation coefficients are greater than the value of the table correlation coefficient at the level of (0.05), which indicates that the axes and statements of the questionnaire form related to electronic administration are at an acceptable degree of validity.



Table 3. Percentage of expert opinions on the axes and phrases of the questionnaire form (n=5)

Axes of the questionnaire	Nr. of phrases												
	1	2	3	4	5	6							
First Axis: electronic management Requirements													
Human requirements	Rep.	5	5	5	4	5	4						
	%	100%	100%	100%	80%	100%	80%						
Financial requirements	Rep.	5	4	5	5	5	5						
	%	100%	80%	100%	100%	100%	100%						
Administrativ requirements	Rep.	5	5	4	5	5	5						
	%	100%	100%	80%	100%	100%	100%						
Legal Requirements	Rep.	4	5	5	4	5							
	%	80%	100%	100%	80%	100%							
Technical and profissional requirements	Rep.	5	4	5	4	5							
	%	100%	80%	100%	80%	100%							
Second Axis: The role of electronic management in developing the administrative performance of karate													
The role of e-management in developing the administrative performance of karate	Nr. of phrase	1	2	3	4	5	6	7	8	9	10	11	12
	Rep.	5	5	4	4	5	4	4	5	5	4	5	5
	%	100%	100%	80%	80%	100%	80%	80%	100%	100%	80%	100%	100%



Table 4a. The correlation coefficient between the phrase of each axis and the total of the axis in the questionnaire form

Nr.	Axis and Phrases	Correlation Coefficient
First axis: electronic management requirements		
Human Requirements		
1	There are plans to train and qualify employees to use information technology.	0.59*
2	Human resources who are needed for applying electronic management are available in sports organizations.	0.551*
3	Employees have the ability to use computers and the Internet.	0.613*
4	Sports Organizations have sufficient qualified employees to develop network infrastructure.	0.576*
5	I have the ability to deal with computer and its applications well.	0.634*
6	The Federation has IT specialists.	0.518*
Financial requirements		
1	Senior management works to prepare employees psychologically and morally to use electronic management.	0.791*
2	Specialized training courses are provided for workers in the field of electronic management..	0.657*
3	In the sports organizations, the management supports the policy of electronic management application	0.511*
4	There is flexibility in administrative systems towards the application of e-management.	0.727*
5	There are enough flexible plans for bearing any changes the electronic management use needs	0.647*
6	The management seeks help of consulting agencies and experts for presenting the consultation in the field of electronic management	0.549*
Administrative requirements		
1	Senior management works to prepare employees psychologically and morally to use electronic management.	0.582*
2	Specialized training courses are provided for workers in the field of e-administration.	0.755*
3	The management in sports organizations supports the policy of implementing electronic management.	0.630*
4	There is flexibility in administrative systems towards the application of e-management.	0.569*
5	There are enough flexible plans for bearing any changes the electronic management use needs.	0.667*
6	The management seeks help of consulting agencies and experts for presenting the consultation in the field of electronic management	0.497*
Legal Requirements		
1	The use of electronic management increases trust in electronic transactions.	0.543*
2	In the sports organizations, there are plans and techniques for protecting information safety and trust.	0.652*
3	The Federation management supports the policy of electronic management application	0.665*
4	There is a committee which puts plans, implements and follows up electronic management application	0.762*
5	Sports organizations seek help from specialized consulting agencies in electronic management application	0.516*



Table 4b. Correlation coefficients between the statement of each axis and the total sum of the axis in the questionnaire form

Nr.	Axis and Phrases	Correlation Coefficient
Technical and professional requirements		
1	The necessary systems and programs are available to implement modern electronic management.	0.741*
2	There is a connection between the main headquarters of the organization and the branches via computer networks.	0.629*
3	There is an effective website for sports organization on the Internet.	0.680*
4	Possibility of performing work via the information network of sports Organization	0.076
5	There is an electronic link between the departments and sections of the various sports organization.	0.632*
The second axis: The role of e-management in developing the administrative performance of karate		
1	electronic management improves communications between sports administrators and increases the efficiency of administrative processes.	0.698*
2	Electronic management reduces the cost of storing information and archiving places for sports activities.	0.692*
3	electronic management overcomes the obstacles which reduce the sports administrators performance level	0.615*
4	electronic management improves the sports administrators performance in the sports organizations	0.750*
5	electronic management organizes daily workloads of the sports administrators in implementing sports activities	0.508*
6	electronic management defines clear responsibilities for the sports administrators	0.417
7	electronic management increases the speed of instructions delivery to the sports administrators	0.521*
8	electronic management helps to increase advanced sports activities programs efficiency	0.595*
9	electronic management bears a bigger number of beneficiaries at the same time	0.798*
10	electronic management works for canceling the paper archiving system in sports activities	0.760*
11	electronic management decreases the cost of administrative procedures in implementing sports activities in sports organizations	0.526*
12	electronic management fulfills speed, accuracy and transparency of work in sports activity in sports organizations	0.673*

* Tabular value (r) at significance level (0,05) = 0.4821

The Reliability

The authors used the Cronbach's alpha coefficient, and the result of calculating the reliability as shows table 5.

It is clear from Table 5 that all the electronic administration questionnaire forms are of a high degree of validity and reliability, and confirms confidence in the results that can be obtained when applied to the main study sample.



Table 5. Alpha coefficient valuesAlpha for questionnaire form axes

Axis Name		Nr. of Phrases	Alpha coefficient values Cronbach's Alpha*
First Axis: electronic management Requirements		28	0.719
1	Human requirements	6	0.654
2	Financial requirements	6	0.578
3	Administrative requirements	6	0.812
4	legal Requirements	5	0.798
5	Technical and professional requirements	5	0.753
Second Axis: The role of electronic management in developing the administrative performance of karate		12	0.781

* Tabular value at significance level (0,05) = (0.4821)

Main Study

After identifying the study problem, its objective and questions, the authors applied the main study, while they asked the participants to answer the questionnaire form from 5/1/2024 to 25/3/2024. Then the authors downloaded the results from 26/3/2024 to 28/3/2024.

Statistical Analysis

The authors used statistical treatments appropriate to the nature of the research data through the statistical program SPSS: Frequencies, percentages, arithmetic mean, correlation coefficient, relative weight, chi-squared. The authors accepted the level of (0.05) to accept the research results, as well as the results that exceed the percentage of (80%). The authors also used Likert scale.

Results

First, answering the first question to determine how far the electronic management requirements availability of human, financial, legal, technical and professional for developing administrative performance of karate in sports organizations.

From table (6) the participants responses to all first axis phrases are clear. Human requirements have the total of the axis value (499), Chi-squared value is (65.51) and percentage is (55.44%). This refers to the mean reality of human requirements availability of the research sample.

The authors attributes these results of mean total marks of human, financial, legal, technical and professional requirements reality to training and habilitation plans implementation decreasing about using information technology and the weaknesses of others in using computers and internet. The number of qualified employers in developing network infrastructure is not enough.



The authors saw that humans are the main resource in any organization. It is the dynamic factor and their work whatever it is administrative or implementing is the base of any organization performance. It is also important strategic stock which the organization owns for its development, prosperity and facing challenges. Here it is said that the only way for the organization to excel and be distinguished is the good performance of the employers, they are the main pillar of any organization. That is for practicing different activities. No aim can be reached without real performance.

Table 6. Frequencies, Chi², estimated total, relative weight and order of the participants responses on The first axis: electronic management requirements (human requirements) (n=50)

No	Phrases	Repetitions			Chi ²	Estimated total	Relative weight %	order
		Yes	Some how	no				
1	There are plans to train and qualify employees to use information technology.	11	21	18	3.16	93	62%	1
2	In the sports organizations, there are human crews which are needed for applying electronic management	6	21	23	10.36	83	55%	4
3	Employees have the ability to use computers and the Internet.	11	16	23	4.36	88	59%	2
4	In the sports organizations, there is enough number of individuals who are qualified for developing network infrastructure	7	13	30	17.08	77	51%	5
5	I have the ability to deal with computer and its applications well.	1	21	28	23.56	73	49%	6
6	The Organization has its IT specialists.	10	15	25	7.00	85	57%	3
Total					65.51	499	55.5%	

The authors believes that the human element is the most important resource in any institution, as it is the dynamic factor, and the work it performs makes its performance, whether administrative or executive, the basis for the institution's performance, and it is also an important strategic reserve that the institution owns to survive, grow, prosper and stand up to challenges. Thus, it can be said that the only way to excel and be distinguished in the institution is the good performance of the workers, considering that the workers are the basic pillar on



which any institution is based, through practicing various activities, so that no goal can be achieved without there being any real performance to be seen.

Table 7. Chi-squared, average and the sample response arrangement on the first axis: electronic management requirements (Financial Requirements) (n=50)

N	Phrases	Repetitions			Chi2	Estimated total	Relative weight %	order
		Yes	Some how	no				
1	Senior management works to prepare employees psychologically and morally to use electronic management.	5	17	28	15.88	77	51%	5
2	Specialized training courses are offered for employees in e-management field	5	15	30	19.00	75	%50	6
3	In the sports organizations, the management supports the policy of electronic management application	8	13	29	14.44	79	53%	3
4	There is flexibility in administrative systems towards the application of e-management.	6	18	26	12.16	80	53%	4
5	There are enough flexible plans for bearing any changes the electronic management use needs	8	14	28	12.64	80	53%	2
6	The management seeks help of consulting agencies and experts for presenting the consultation in the field of electronic management	16	17	17	0.04	99	66%	1
Total					74.15	490	54.44%	

From table (7) the participants responses to all first axis phrases are clear. Financial requirements have the total of the axis value (490), Chi-squared value is (74.15) and percentage is (54.44%). This refers to the low reality of financial requirements availability of the research sample. The authors attributes this low total mark of financial requirements reality to shortage of funds to buy potentials and infrastructure for electronic management and its maintenance



and electronic programs. There is no rewarding system for distinct employers in the field of electronic administration. Not hiring qualified trainers to train sports specialists on applying electronic work mechanisms.

(Radwan, 2013) ensured the importance of financial requirements which are different in their volume and kind of that needed to traditional administration systems application. From these financial requirements : rational financial planning and enough funds. This needs review of priorities and saving enough money for making the required transformation.

Table 8 Frequency, Chi-squared, average and the sample response arrangement on the first axis: electronic management requirements (administrative requirements) (n=50)

N	Phrases	Repetitions			Chi 2	Estimated total	Relative weight %	order
		Yes	Some how	no				
1	Senior management works to prepare employees psychologically and morally to use electronic management.	15	19	16	0.52	99	66%	1
2	Specialized training courses are provided for workers in the field of of electronic management .	10	15	25	7.00	85	57%	2
3	In the sports organizations, the management supports the policy of electronic management application	8	16	26	9.76	82	55%	4
4	There is flexibility in administrative systems towards the application of e-management.	10	13	27	9.88	83	55%	3
5	There are enough flexible plans for bearing any changes the electronic management use needs .	7	15	28	13.48	79	53%	5
6	The management seeks help of consulting agencies and experts for presenting the consultation in the field of electronic management	7	13	30	17.08	77	51%	6
Total					57.7	505	56.11 %	



Table 8 shows the responses of the participants to all the statements of the first axis, e-management requirements, administrative requirements, which obtained the total score for the axis in the estimated total of (505), Chi-squared is (57.71) and percentage is 56.11%. This refers to the availability of administrative requirements of electronic management in the participants which is in mean degree. The authors noticed that the shortage of administrative requirements is because the senior management in the Federation do not habilitate the employers psychologically and morally for using electronic management and the training courses shortage in the field of electronic administration. There is no flexibility in applying electronic management which may face any changes and not to consult consulting agencies to have consultation in the field of electronic administration..

Table 9. Frequencies, Chi2, estimated total, relative weight and order of the participants responses on the first axis: electronic management requirements. (Legal Requirements) (n=50)

N	Phrases	Repetitions			Chi ²	Estimated total	Relative weight %	order
		Yes	Some how	no				
1	electronic management use leads to electronic transactions trust increase	21	15	14	1.72	107	71%	1
2	In the sports organizations, there are plans and techniques for protecting information safety and trust	9	10	31	18.52	78	%52	5
3	The organization management supports the policy of electronic management application	9	13	28	12.04	81	%54	2
4	There is a committee that develops plans, implements and follows up of e-manegament application.	7	16	27	12.04	80	53%	4
5	Sports orgnizations seek the help of specialized consulting agencies in electronic management application .	8	13	29	14.44	79	53%	3
Total					58.8	425	56.67%	

(Yassen, 2017) recommends that from the main requirements of applying electronic management is that there are electronic management seniors who deal with information technology and communication effectively and efficiently with their ability to create and re-



engineering systematic culture and knowledge production. It is important to define aims and desires of administration correctly and plan effectively for the system requirements and senior managements participation preparing and designing the system.

From table (9) show participants responses to the first axis phrases of legal requirements get the average of (425), Chi-squared is (57.75) and percentage is 56.67%. This refers to the availability of legal requirements of electronic management in the participants which is in mean degree.

The relation between the compatibility between legislative development and both of sports organization international support and changing self-administration style in Sport is a vital issue. Legal drafting becomes an inevitable issue especially in globalization and the recent international direction of unification of laws that no state can legislate laws separately from international laws and covenants. From table (10), it is clear that the participants responses to the first axis phrases of technical and professional requirements get the average of (429), Chi-squared is (45.07) and percentage is 57.20%. This refers to the availability of technical and professional requirements of electronic management in the participants which is in mean degree.

Table 10. Frequency, Chi-squared, average and the sample response arrangement on the first axis: electronic management requirements (technical and professional requirements) (n=50)

N	Phrases	Repetitions			Chi ²	Estimated total	Relative weight	order
		Yes	Some how	no				
1	The necessary systems and programs are available to implement modern electronic management.	7	14	29	15.16	78	%52	5
2	There is a connection between the main headquarters of the organization and the branches via computer networks.	7	16	27	12.04	80	53%	4
3	There is an active website for sports organization on the Internet.	18	17	15	0.28	103	69%	1
4	Possibility of performing work via the information network of sports organization	10	17	23	5.08	87	%58	2
5	There is an electronic link between the departments and sections of the various sports organization .	5	21	24	12.52	81	%54	3
Total					45.1	429	57.20%	



From table (11), it is clear that all the responses of the participants on the first axis of electronic management requirements get the total of (469.6), the total Chi-squared value is (60.24) and the percentage is (55.98%). This refers to the mean availability of electronic management requirements (human, financial, administrative, technical and professional) for the research sample .

From table (11), it is clear that technical and professional requirements of electronic management in developing administrative performance of karate sport in sports organizations come first with percentage of (57.20%), the legal requirements come second with percentage of (56.67%), administrative requirements come third with percentage of (56.11%), human requirements come fourth with percentage of (55.5%) then the financial requirements are in the fifth rank of percentage (54.44%) .

Table 11. Frequencies, Chi2, estimated total, relative weight and order of the participants responses onvThe first axis: electronic managemen requirements

N	Phrases	Chi2	Estimate d total	Relative weight %	orde r
1	Human requirements	65.51	499	55.5%	4
2	Financial requirements	74.15	490	54.44%	5
3	Administrative requirements	57.71	505	56.11%	3
4	Legal Requirements	58.75	425	56.67%	2
5	Technical and profiisional requirements	45.07	429	%57.20	1
Total		60.24	469.6	55.98%	

This agrees with (Tawfeek, 2020) that there are financial, administrative, human, legal and technical obstacles in electronic management application mechanisms in Male Physical Education Faculty in Helwan University. Here the first research question is answered which is texted about human, financial, administrative, legal, technical and professional requirements of electronic management in developing administrative performance of karate sport in sports organizations?Second, answering the question which states the reality of electronic management as an introduction to development to develop the administrative performance of karate in sports orgnizations from the point of view of sports administrators?

Next is to answer the question about the electronic management reality as an approach of developing administrative performance of karate in sports organizations according to the sports administrators.

From table (12), it is clear that the participants responses to the second axis which is about the role of electronic management in developing administrative performance of karate sport get the average of (1353), total Chi-squared is (78.70) and the percentage is (75.17%).



This refers that electronic management role in developing administrative performance of karate sport in sports organizations according to the sports administrators has a high degree of acceptance.

Table 12 Frequency, Chi-squared, average and the sample response arrangement on the second axis: the role of electronic management in developing administrative performance of karate (n=50)

N	Phrases	Repetitions			Chi ²	Estimated total	Relative weight	order
		Yes	Some how	no				
1	electronic management improves the connections between sports administrators and increases the efficiency of administrative processes	26	13	11	7.96	115	77%	6
2	electronic management decreases the cost of data saving and archiving of sports activities	17	20	13	1.48	104	69%	12
3	electronic management overcomes the obstacles which reduce the sports administrator's performance level	28	13	9	12.04	119	79%	2
4	electronic management improves the sports administrator's performance in the sports organizations	23	16	11	4.36	112	75%	8
5	electronic management organizes daily workloads of the sports administrators in implementing sports activities	23	18	9	6.04	114	76%	7
6	electronic management defines clear responsibilities for the sports administrators	26	15	9	8.92	117	78%	5
7	electronic management increases the speed of instructions delivery to the sports administrators	19	16	15	0.52	104	69%	10
8	electronic management helps to increase advanced sports activities programs efficiency	26	15	9	8.92	117	78%	4
9	electronic management bears a bigger number of beneficiaries at the same time	27	15	8	11.08	119	79%	3
10	electronic management works for canceling the paper archiving system in sports activities	19	19	12	1.96	107	71%	9
11	electronic management decreases the cost of administrative procedures in implementing sports activities in sports organizations	29	14	7	15.16	122	81%	1
12	electronic management fulfills speed, accuracy and transparency of work in sports activity in sports organizations	18	17	15	0.28	103	69%	11
Total					78.7	1353	75.17 %	



The authors attribute this result and the high total response of the participants to the role of electronic management in developing directorates of sports activity in general and karate sport in special and the agreement between the participants in high rate that electronic management has a role in developing sports administrators especially in the age of digitalis and technological revolution and the transformation of several works from manual into electronic. This is a logical result of technology in the field of karate administration. The response of the participants on the electronic management role attribute this result in developing administrative performance of karate sport.

The authors explain this result through the important role of electronic management in developing connections between sports administrators and increasing the efficiency of administrative processes that reduce the cost and place of archiving sports activity information and overcoming the obstacles of reducing administrators performance level and improving the administrators performance level of karate sport in sports organizations.

This is agreed by the study of (Oeil Abdelsamad, 2020) that applying electronic management has participations in administrative work in sports organizations because it represents a modern approach depends on information technology and communications. This approach has modern advantages and characteristics that make it unique. electronic management has attributions in planning which is the prediction of the future of developing organizational process, increasing effectiveness of supervision and improving censorship mechanisms which is a main element of administrative process elements performed by management of sports organizations.

This is agreed to the study of (Lafleur, 2008) that widening information technology application use for supporting human resources functions related to their participation in strategic functions and deal with them as strategic partners in changing process. The study proved that there is a strong positive link between using information technology and technical and strategic effectiveness of human resources.

ensured that electronic technology in administration has several positives which rises the efficiency of the organization and increases its competitive ability and keep the incomes and outcomes of work to get rid of traditional administration, reduces labor and steps, and reduces wasted time in administrative processes, presenting speeder services and developing administrative services to elevate the performance inside the directorate. (Saood, 2010)

From this, the second question is answered which is about the reality of the electronic management as an approach of developing administrative performance of karate sport in sports organizations from the point of view of sports administrators.



Conclusion

According to the study objective and within the limits of the participants and based on the statistical treatments and the results of the broadcast indicated by the authors was able to conclude the following:

1- Human requirements:

- The availability of the human requirements necessary to apply electronic management to sports organizations is weak.
- Failure to develop plans to train and qualify employees to use information technology.

2- Financial requirements:

- The availability of the financial requirements necessary to implement electronic management in sports organizations is weak.
- Available in Sports organizations Financial allocations required for the maintenance of electronic devices only.

3- Administrative requirements:

- The availability of the administrative requirements necessary to apply electronic management to sports organizations is weak.
- Lack of flexibility in administrative systems for applying the e-management.

4- Legal requirements:

- The availability of the legal requirements necessary to apply electronic management to sports organizations is weak.
- The organization does not have plans and mechanisms to protect information security and trust.

5- Technical and professional requirements:

- Availability of the technical and professional requirements necessary to apply electronic management to sports organizations to a degree Weak.
- Weakness of transformational leadership within the administrations of sports organizations that carry out the electronic management process.
- Not linking the karate management strategy with the electronic management strategy within sports organizations.
- There are many obstacles and challenges facing the electronic management process within the administrations of sports organizations.

Recommendations

According to the results and data reached by the authors and based on the conclusions, the authors recommends the following:

- The necessity of moving towards electronic management within sports organizations, given its importance in improving the performance, and enhance the efficiency of administrative work.



- Designing a strategy for electronic management inside the sports organizations that is suitable for their aims, potentials and vision..
- The necessity of providing the human, financial, administrative, legal, technical and artistic requirements for the transition to electronic management.
- Preparing, training and refining sports administrators on how to use and benefit from electronic management.
- Providing technological tools and devices that help human resources carrying out the electronic management process within the administrations of sports organizations.
- Hiring experts specialized in the field of electronic management and training those in charge of it.
- Study the local and global environment before developing strategies for e-management operations.

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