

## **ROLE OF INFORMATION TECHNOLOGY IN SPORTS MANAGEMENT**



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### **Abstract**

The purpose of the study is to determine the role of information technology among the sports managers. Subjects included 30 sports managers or physical education teachers / head of the physical education department of public schools in Gwalior, M.P. Final drafted questionnaire with 30 questions was used for data collection and standardization. The questionnaire was administered individually to each subject. All the subjects were instructed give

frank and true opinions. For finding out the significance of the differences of mean among the various items of the questionnaire. Chi-square analysis was applied. The results indicate that information technology is very essential part for the physical education. Every sport manager must have the adequate knowledge of information technology as well as the implementation of information technology in the physical education.

## **Introduction**

Many people regard that information technology and physical education are separate and distinct, but now information technology is being an essential part of physical education. Knowledge testing has probably always been a part of school physical education programs; however, most attempts to measure knowledge have been done through the use of teacher made tests. This is one type of knowledge test, which may be either objective or subjective in nature, but they have not been scientifically constructed and devised.

The purpose of the Information Technology (IT) section is to offer links to many sources of general information to assist in efficient use of the available IT within Arts and Sciences and throughout the University. From information on e-

mail setup to support services to training and education. Aside from sharing data, a network can share other resources as well.

The computer network with which the public is most familiar is the internet and the World-Wide-Web, known simply as the “Web” is what most people think of when we say the “Internet”. It is the digital medium which presents information in text, audio, video and graphics in a simple hyper-text computer language readable by browser. This medium has simply exploded and today there are more than 30 million web addresses called Uniform Resource Locators (URLs), many with hundreds of individual pages on their sites. Thousands of applications for new URLs are received everyday. Therefore observing the felt requirement we consider it necessary to attempt a study on “Role of Information Technology in Sports Management”.

## **Materials and Methods**

For the purpose to examine the role of information technology in sports management 30 sports managers or physical education teachers / head of the physical

education department of public schools in Gwalior, M.P. randomly selected as the subjects. The subjects were the employees of the public schools in Gwalior. Initially

40 questions was carefully drafted so that the overlapping in the items does not occur. The initial draft of questionnaire were trial among experts for suggestion. After that 30 questions were selected. The questionnaire was administered individually to all the subjects. All the subjects had answered the questionnaire separately, without consulting others. To analysis the data, collected by administering the questionnaire to all the subjects

descriptive statistics analysis was used for each selected characteristics and the responses of the questionnaire were analysed with non parametric statistics i.e. chi square.

## **Findings**

**Observed and Expected Frequencies for the  
data to find out the Role of Information  
Technology in Sports Management / Physical  
Education**

Statements	Fo (Frequency Observed)				Fe (Frequency Expected)			Chi-Square
	Agree	Disagree	Undecided	Total	Agree	Disagree	Undecided	
1.	27	03	00	30	10	10	10	23.8*
2.	29	01	00	30	10	10	10	44.2*
3.	25	05	00	30	10	10	10	25.0*
4.	27	03	00	30	10	10	10	23.8*
5.	23	07	00	30	10	10	10	17.8*
6.	25	05	00	30	10	10	10	25.0*
7.	26	04	00	30	10	10	10	29.5*
8.	28	02	00	30	10	10	10	38.8*
9.	30	00	00	30	10	10	10	40.0*
10.	30	00	00	30	10	10	10	40.0*
11.	25	05	00	30	10	10	10	25.0*
12.	29	01	00	30	10	10	10	44.2*
13.	23	07	00	30	10	10	10	17.8*
14.	22	08	00	30	10	10	10	14.8*
15.	26	04	00	30	10	10	10	29.5*
16.	21	09	00	30	10	10	10	12.2*
17.	23	07	00	30	10	10	10	17.8*
18.	25	05	00	30	10	10	10	25.0*
19.	27	03	00	30	10	10	10	23.8*
20.	28	02	00	30	10	10	10	38.8*
21.	20	10	00	30	10	10	10	10.0*
22.	27	03	00	30	10	10	10	23.8*
23.	28	02	00	30	10	10	10	38.8*
24.	29	01	00	30	10	10	10	44.2*
25.	30	00	00	30	10	10	10	40.0*
26.	25	05	00	30	10	10	10	25.0*

27.	27	03	00	30	10	10	10	23.8*
28.	28	02	00	30	10	10	10	38.8*
29.	20	10	00	30	10	10	10	10.0*
30.	20	10	00	30	10	10	10	10.0*

$$\chi^2 = 23.8+44.2+25+23.8+17.8+25+29.5+38.8+40+40+25+44.2+17.8+14.8+29.5+12.2+17.8+14.8+29.5+12.2+17.8+25+23.8+38.8+10+23.8+38.8+44.2+40+25+23.8+38.8+10+10 = 895.5^*$$

$$\text{cal. } \chi^2_{.05} = 895.5^*$$

$$\text{tab. } \chi^2_{.05}(30) = 43.77$$

### Discussion

On the basis of the result of the study, following conclusions were drawn :

Information Technology is very essential part for physical education. It plays a vital role for the field of physical education. Every Sports Manager had adequate knowledge at information technology as well as the implementation of information technology in the physical education. There may be further more to do in this particular field to get the optimum use of Information Technology for the development of physical education.

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