



CURRENT STATUS OF COMPUTER LITERACY AND ITS APPLICATIONS USED BY PHYSICAL EDUCATION TEACHER OF VARIOUS SCHOOLS IN AKOLA CITY

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Abstract:-Maximum uses of computers application enhance the performance of every field of knowledge. World has become so compact & fast due to communication by using computer and mobile facilities. In modern era computer application and its uses is most important factor to gain knowledge bottom to top. Physical Education & Sports field is also one of the vast knowledge & sports activity sector. Maximum computer applications can help for enhancement of physical education and most useful for official work, research work, sports organization and keep recorded of every sports event. Physical education teacher has so much official work, formation of various games and sports team with other official work i.e. to attend various tournaments as team manager, coach, umpire and referee or in-charge of coaching camp of games and sports at school level. There is single post of Physical education teacher in some schools. So the Physical Education Teacher is so much busy in his routine work.

Aim of this research paper is to search how many Physical Education Teachers in Schools of Akola city uses maximum applications of computer in their daily official work. Questionnaire which contains 10 questions prepared for survey method. 40 Physical Education Teacher selected from different schools in Akola City for this study as sample.

After the data collection and it's statically analysis prepared graphical analysis. On the basis of statically result a current research shown that there is much less use of computer applications in daily routine work by Physical Education Teacher but all are agreed about the importance of computer application in physical education & sports field is must for enhancement.

Keywords:Computer Application - Physical Education Teacher – Akola City.

INTRODUCTION

In the modern digital era of Information technology, emergence of computer, access to electronic media, advanced telecommunication systems, audio visual technology, multimedia have created new possibilities to deal with collection, organization and dissemination of vast amount of digital information. Major role of computer applications is used in official work, E-resources in research and up-gradation of knowledge in any disciplines. Technology impacts health, physical education, recreation and official work, educators in the areas of research, coaching skills, classroom teaching and distance education. While the overall effect is not yet fully assessable, the use of technology in so many different aspects of the profession makes it important to more clearly recognize and appreciate its current and potential role. Computer and Internet connections are becoming widely available in schools, colleges and universities.

Akola is a city in Akola district in Vidarbha region in the state of Maharashtra in central India. The city of Akola is the district headquarters. There were 133 schools in Akola City which are affiliated to the Maharashtra State Board of Secondary and Higher Secondary Education. The Municipality runs all public schools in the city. They lack many facilities, but are the only option for poor residents who cannot afford the more expensive private schools. There are so many well know Private schools in the Akola city.

Physical Education & Sports field is also one of the vast knowledge & sports activity sector. Physical education teacher has so much official work, formation of various teams of different sports with other official work i.e. to attend various tournaments as team manager, coach, umpire and referee or in-charge of coaching camp of games and sports at school level. There is single post of Physical education teacher in some schools. So the Physical Education Teacher is so much busy in his routine work. Maximum computer applications can help for enhancement of physical education and most useful for official work, research work, sports organization and keep recorded of every sports event.

Physical educationists have to develop their knowledge and skills in order to use computers as teaching, training or coaching tool and official work with a support and guide students to use these technologies for sports skills development. The aim of this study is to find out how often physical education teachers use computer and related software for official work and how computer applications help them to solve their problems.

PURPOSE OF THE STUDY:

Aim of this research paper is to search current status of how many Physical Education Teacher of Schools in Akola City used maximum applications of computer in their daily routine official work and their opinion about computer applications used for the enhancement of physical education.

METHODOLOGY:

There were 133 schools in Akola City which are affiliated to the Maharashtra State Board of Secondary and Higher Secondary Education. Out of 133 schools 82 schools have single post of Physical Education Teacher. Out of these 82 Physical Education Teachers, 40 Physical Education Teachers are randomly selected for this study. Questionnaire which contains 10 questions prepared for survey method as a tool.

The questionnaire is as follows.

QUESTIONNAIRE

- 1.State whether you are Computer Literate?
- 2.Have you completed any computer course?
- 3.Are you using computer for official work?
- 4.Are you surfing Internet?
- 5.According to you can computer help physical education & sports field for enhancement?
- 6.Do you know about sports engineering & sports skill analysis through computer applications?
- 7.Do you own a laptop?
- 8.Are you satisfied with latest research review, training or coaching methods of sports skill & study material of physical education on Internet?
- 9.Is Sports skill coaching by computer beneficial for players?
- 10.Are you member of any authorized online sports or physical education journal for access?

Result:

As per data collection through questionnaires data analysis sheet is prepared.

Data Collection Sheet

Que.	1		2		3		4		5		6		7		8		9		10	
	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
1	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
2	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
3	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	1	0	0	1
4	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
5	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
6	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	1	0	0	1

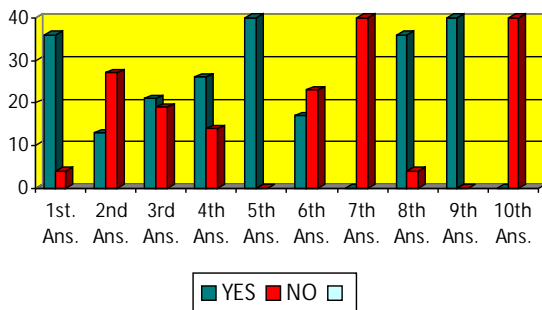
CURRENT STATUS OF COMPUTER LITERACY AND ITS APPLICATIONS USED BY PHYSICAL EDUCATION.....

7	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
8	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
9	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
10	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	1	0	0	1
11	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
12	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
13	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	1	0	0	1
14	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
15	1	0	1	0	0	1	1	0	1	0	1	0	0	1	1	0	1	0	0	1
16	0	1	0	1	1	0	1	0	1	0	1	0	0	1	0	1	1	0	0	1
17	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
18	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
19	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	1	0	0	1
20	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
21	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
22	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	1	0	0	1
23	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
24	1	0	1	0	0	1	1	0	1	0	1	0	0	1	1	0	1	0	0	1
25	0	1	0	1	1	0	1	0	1	0	1	0	0	1	0	1	1	0	0	1
26	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
27	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
Que.	1		2		3		4		5		6		7		8		9		10	
PET	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
28	1	0	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	0	1
29	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
30	0	1	0	1	0	1	1	0	1	0	0	1	0	1	1	0	1	0	0	1
31	1	0	1	0	0	1	1	0	1	0	1	0	0	1	1	0	1	0	0	1
32	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
33	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
34	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	1	0	0	1
35	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
36	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	1
37	1	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	1	0	0	1
38	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1
39	1	0	1	0	0	1	1	0	1	0	1	0	0	1	1	0	1	0	0	1
40	0	1	0	1	1	0	1	0	1	0	1	0	0	1	0	1	1	0	0	1
Total	36	04	13	27	21	19	26	14	40	00	17	23	00	40	36	04	40	00	00	40

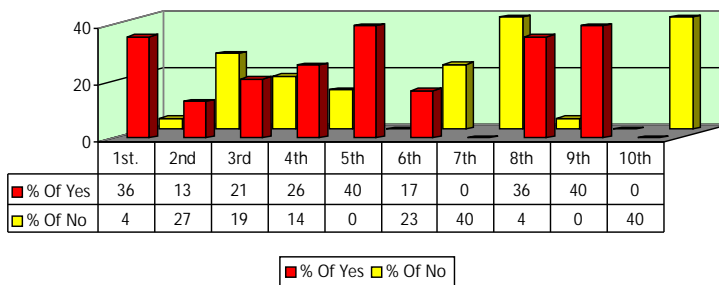
We have used code words 1 for “Yes” and 0 for “No”.

Graphical Representation is shown as below.

Bar Chart of Answers



Percentage of Physical Education Teachers those who have given answers “Yes” and “No” in favor of Computer Applications



CONCLUSION:

The present research is shown following result based on the data analysis.

- 90% Physical Education Teacher literate in computer out of them 67.5% have not completed any computer course.
- 52.50% Physical Education Teacher are using computer for their official work.
- 65% Physical Education Teacher are surfing Internet.
- All Physical Education Teacher are agreed that computer helps in physical education & sports field for enhancement.
- 42.50% Physical Education Teacher are aware about sports engineering & sports skill analysis through computer applications.
- Physical Education Teacher is not having own laptop.
- 90% Physical Education Teacher are satisfied with latest research review, training or coaching methods of sports skill & study material of physical education on Internet.
- All Physical Education Teacher are agreed that in Sports skill coaching by computer is beneficial for players.
- No Physical Education Teacher is the members of online sports or physical education journal.

All Physical Education Teachers are agreed to the importance of computer applications and also those wants to learn or try computer and its applications in their routine work.

REFERENCE:

- 1.Chandrawanshi, R.D., & Lohakpure, S., (2011). Current status of computer literacy and its applications used by Director of Physical Education in Senior Colleges of Sant Gadge Baba Amravati University, Amravati. Current Trends in Education, Physical Education & Sports (Souvenir ISSN No. 0977-0277), Shri Shivaji College of Education, Amravati .2011, 226-229.
- 2.Jinhai Sun ,The Establishment of Sports Systems Engineering (SSE) as a Discipline 1,ISSN 1750-9823 (print) International Journal of Sports Science and Engineering Vol. 1 (2007) No. 1, pp. 67-72
- 3.McLean, Daniel D., Use of Computer-based Technology in Health, Physical Education, Recreation, and Dance, ERIC Digest, Washington DC,1996
- 4.Patel Bharat Z., Impact of information and communication technology on physical education and sport, India Federation computer science in sports, Volume 3, No.1 Half Yearly July 2010 to Dec. 2010.



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