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RESEARCH ARTICLE

FACTORS THAT AFFECT THE PARTICIPATION OF DISABLE STUDENTS IN SPORT ACTIVITY IN CASE OF WOLDIA UNIVERSITY

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ABSTRACT

Background: participating in any sport activity has social, health and skill related benefits due to this physical disability individuals that participated on sport activity have increase their confidence. **Objective:** the main objectives of this study were to find out the incidence and the factors that affect the participations of Disability students in sport activity. **Methods:** to find out the factors the researcher were used cross-sectional research design in Woldia University totally 46 disability students so the researcher were used all students. **Result:** the prevalence of the disability students were 46 from those 6 students were visual impairment the rests were physical disability. 95% of the respondents were not participating with any sport activities. All respondents were having interest to participating on sport activities. 65% of the respondents knew the benefits that participating on different sport activities. **Conclusion:** the respondents were described the causes that limited on physical activities. Some of the were Lack of awareness' about the benefits of participating in sport, haven't knowledge about the adapted sports, the attitudes of the community on their village on the disability individuals, the physical Education teachers excluded those students during practical activities at elementary and high school, there was no coordinator and motivator for participating different sports and there was no launch different sport activities for disability students in our university.

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INTRODUCTION

The relationship of physical activity to functional development and well-being has long been valued. In 460 BC Hippocrates used exercise and sport to strengthen muscles and aid rehabilitation. Physical or mental impairment is that substantially limits one or more major life activities such as: caring for one's self, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning, and working (Auxiter *et al.*,1993). Impaired is further defined by (Dunn, 1989), referring to those with "identifiable organic or functional disorders" and disabled as referring to those "who because of impairment are limited or restricted in executing some skills, performing tasks or participating in certain sport activities. Disability affects hundreds of millions of families in developing countries; currently around 10% of the world's population, or roughly 650 million people, live with disability,

the proportion and number, significantly higher and on the rise in developing countries. (Retrieved from, (<http://www.disableworld.com/disability> on April 12. Research by the world health organization shows that more than 81million Africans live with some form of disability including up to 15 percents of school age –children. Disabled students face both practical challenges, including lack of equipment such as wheelchairs, crutches and Braille machines that would make their lives easier and stigma. Those with learning disability face ignorance and stigma. Retrieved from, (www.bbc.co.uk/mediacenter/proginfo/2016/34/africa-debate April 12)

Statement of the problem: Sport participation for disability student is very important especially for health. That improves social interactions and communication, improves self- esteem, confidence, and physical improvement or fitness (power, speed, endurance, flexibility) and it also has emotional benefit including acting out behavior depression trouble adjusting to certain situation stress anxiety and bad behavior. Students with disabilities face substantial health risks associated with a physically inactive life style, like diabetics, heart disease, lung cancer and others.

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Table 1. Age of the respondents

Age	Frequency		Percent	Visual impaired			Physical Impairment			Total percent
	M	F		M	F	Percent	M	F	Percent	
18-20	4	3	15.21%	-	-	0%	4	3	15.21%	15.21%
21-23	8	9	36.95%	-	-	0%	8	9	36.95%	36.95%
24-26	12	3	32.61%	2	1	6.5%	10	2	26.1%	32.61%
27-29	5	-	10.86%	2	-	4.34%	3	-	6.52%	10.86%
30-Above	2	-	4.34%	1	-	2.17%	1	-	2.17%	4.34%
Total	31	15		5	1	13.04%	26	14	86.95%	100%

Table 2. level of Education

Year of the respondents	Frequency			Percent
	Male	Female	Total	
1 st	2	5	7	15.21%
2 nd	13	7	20	43.47%
3 rd	9	3	12	26.1%
4 th	4	-	4	8.7%
5 th	3	-	3	6.52%
Total	31	15	46	100

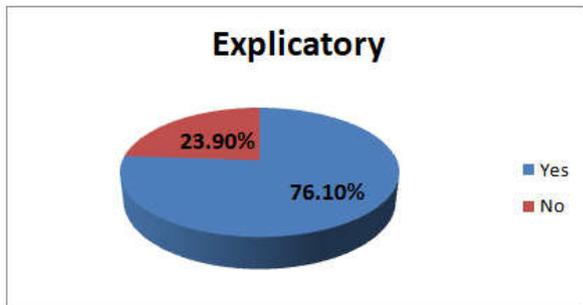


Fig. 1. Attitudes of the respondents on sport activities

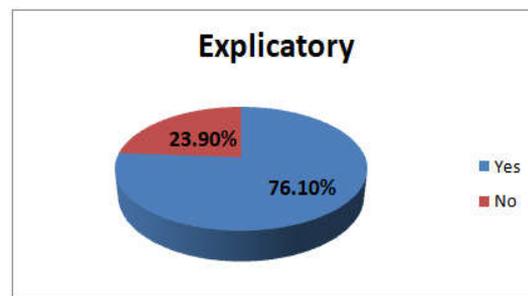


Fig.2. participating on any sport

Unfortunately even when individual with disabilities want to increase their physical activity levels, they are often confronted with many more challengers than the general populations (Research digests, 2008). There for, in all aspects disabled students had a great chance to exposing themselves to these risk factors because of physically inactivity and also they are not beneficial from physical activities. Although in Woldia university different sport competition would take place such as like GC-Cup sport computation and Ethiopian higher educational institution sport festivals also held by different universities from year to year, but in this sport participation disability students are only participate in athletics event rather than other sportive event, disability students faced many problems to participate in sport activity due to their disabilities. This fact triggered the investigators to conduct this research which was stated about the factors that affect the participation of disabled students in sport activity, found out possible solutions, and provided recommendations to concerned bodies.

Specific objective

The following are the main specific objective of the study

- To identify the motives of higher officials in order to participate disability students in sport activities.
- To identify the major challenges that influences the participation disability students in sport activity.

Study area: This study was conducted at Woldia University, particularly in main campus.

The university is found in North Wollo called Woldia town and located at about 521 km far from the capital city of Ethiopia and 360 km from Bahir Dar.

Study Design: The study was designed to investigate the factors that affect the participation of disability students in sport activities. Descriptive research design was employed.

Population: The total population of the study was 46. Among those students six of them were visual impaired (five male and one female) and 40 physical impaired students from this 24 were male and 16 students were female.

Data collection instrument: The researchers were used primary data from the respondents with structured interview. The questionnaires were containing both open ended and close ended type.

Methods of data analysis: The researcher’s analysis close ended and open ended questions by using quantitative and qualitative method of data analysis and presenting data were by tables and figures. The above table shows that the age category on visual and physical impairment. Based on the data 86.95% were physical impairment, from those 35% were female and most age category of physical impairment was 21 – 23. 13% of the respondent was visual impairment from those 83.33% were male. The age category of the visual impairment was 24 -29.

Educational Level respondents: The above table indicates that the level of education in the selected university.

Based on the above table most students called 43.47% were 2nd year students and more female students were in it comparing to others year. Finally all are social science students. The above figure shows that most of the respondents understand the physical disabilities individuals can participate different sport activities but the rest 23.9% of the respondents had lack of insight learning on participating different sports activities. In addition to this 90% of the respondents knew disability individuals participating on different sports. The above figure indicates that most of the respondents were not participated any sport activities. The rest respondents were participated on different sport activities. This implies most of the student did not have experience of sport activity. Regarding on this, those individuals responds they haven't awareness to participate in sport activities, lack of appropriate equipment and materials like (wheelchair, sound ball), afraid, seclusion and lack of interest and health problem were the factors not to participate in sport activities. But the participant respondents were participated only on athletics.

Interest of individuals on participating sport activities: All of the respondents had big interest to participating any sport activities in the intramural and extramural. 65% of the respondents also had knowledge and the rest 35% were no knowledge about the benefits that participating on sport activities.

Causes of blocking for participating on sport activities

The respondents were list different causes for participating any sport activities. The frequent responses are

- Lack of awareness' about the benefits of participating in sport
- Haven't knowledge about the adapted sports
- The attitudes of the community on their village on the disability individuals
- The physical Education teachers excluded those students during practical activities at elementary and high school.
- There were no experienced teachers on it.
- There were no equipments for different sports, like wheelchair, sound ball, and different convenient courts even in the university.
- There was no coordinator and motivator for participating different sports
- There was no launch different sport activities for disability students in our university

The respondents also described different stakeholders on that motivated to participate on different sport activities in their university including the presidents of university. Those were listed:

- University student dean office
- Student sport and entertainment office
- Sport science department
- Student union
- Gender office
- Disability student union

Conclusion

The ultimate purpose of this study was to identify the factors that affect the participation of disability students in sport

activities. Based on the response of the respondents indicated most of the them were not participated different sport activities due to different causes like, lack of awareness' about the benefits of participating in sport, haven't knowledge about the adapted sports, the attitudes of the community on their village on the disability individuals, there were no equipments for different sports, like wheelchair, sound ball, and different convenient courts even in the university and there was no coordinator and motivator for participating different sports. The respondents also described the stakeholders that will be actuate, motivate and coordinating those activities for disability students.

The main purpose of this study is to investigate the major factors that affecting the participation of disability students in sport activities, based on the analysis and finding on the previous chapter the following conclusion were made. According to the results of the study, student with disabilities do not access quality of sport opportunities in the same manner as that of persons without a disability. Students with disabilities do not have the opportunity to participate in a disability specific sport activities in Woldia University. The University is not fully accessible. In order to help and encourage the participation of these students, sport centers need to improve the situation of their facility. The findings indicate that the participation of disabilities students in sport activity is low and the most identified factors indicated by students with

Recommendation

Based on the finding of the study the following possible recommendation could be forwarded.

- The university should be build and construct suitable different sport arenas, because in the university there were no courts for those students.
- The student dean office should be give high attention for those students because those students were excluded during different sport activities that offered in the university. In addition to this the office must be supply ied different sport equipments.
- The department of sport science should be run different sport tournaments for disability students because participating in different sport activities have health benefits.
- The student union and disability students union should be give highly emphasized and attention for those students in order to participating sport activities.

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