

INVESTIGATING THE ATTITUDE OF BHUTANESE TEACHERS TOWARDS IMPLEMENTING LIFE SKILLS EDUCATION

Abstract

The present study examined the attitude of Bhutanese teachers towards implementing Life Skills Education in different level of Schools. The researcher used quantitative research approach with descriptive survey design. Simple random sampling technique was employed to select a total sample of 100 teachers from the Eastern part of Bhutan. The data collected were analyzed using both descriptive and inferential statistics like t-ratio and ANOVA using SPSS software. The findings illustrated that the teachers with science background hold comparatively higher attitude towards imparting Life Skills Education compare to non-science teachers and significant difference was also found between the teachers holding post graduate and B.Ed. qualification towards infusing Life Skills Education. However, the findings disclosed that there does not exist significant difference in teachers' attitude towards Life Skills Education in term of their teaching experience.

Key words: Attitude, Life Skills Education, Bhutan

INTRODUCTION

Education plays pivotal roles in the development of the individual and the nation as a whole. It aims at preparing individuals with sound knowledge, skills, attitude and values that enable them to become productive and creative citizens. It is also expected to make a significant influence on how young people learn to relate with others and make informed decision in their lives. However, in the era of globalization human beings encounter numerous challenges especially during adolescence stages which mark the period of transition from childhood to adulthood. These challenges are often related to physiological, psychological, social and economical which may render the youth vulnerable to social and health risks, such as drug abuse, irresponsible sexual behavior, increased in crime, violence, school dropout, teenage pregnancy and general indiscipline among adolescence. Ancient cultures which was the strength of human life, and respect to elders, respect for the social norms, proper reading habits for

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acquisition of knowledge by developing thinking, reasoning and creativity are missing. Even pupils are facing hard situation to make right decision. Hence, worldwide there appeared value crisis. In this regard, Life Skills Education plays a vital role in creating awareness and providing guidance and directions to youth.

Life Skills Based Education (LSBE) has a long history of supporting child development in terms of health promotion, social development, emotional and social adjustment. WHO (1999) defines life skills as “the abilities for adaptive and positive behaviour that enables individuals to deal effectively with demands and challenges of everyday life”. Life Skills Education as defined by the UNICEF “a behavior change or behavior development approach designed to address a balance of areas; knowledge, attitude and skills.” Life skills are further classified into three broad categories; thinking skills, social skills and emotional skills.

Life Skill Education helps adolescents to develop interpersonal relationship with their parents, teachers, adults and peers. Moreover, they learn the substance of say ‘NO’ during the times of negative peer pressure. They learn to take control of their emotions and make more informed decisions, set boundaries for appropriate behaviours, sustain relationships, and learn to be responsible for their actions and adopt healthy life styles. School as one of the important socializing agency and institution, plays an important role in Life Skills development among individuals, to cope with the current progress of life.

Hence, it is paramount importance for teachers to develop positive attitude towards imparting life skills education, which are indispensable for youth during their transition period. The present study intended at examining the attitude of Bhutanese teachers towards implementing Life Skills Education in different level of Schools.

LITERATURE REVIEW

Review of related literature is an important step and it plays a vital role in all types of research. It helps to identify a problem, to formulate hypothesis, in the selection of tools and methods to be used for the investigation. The study of literature review implies to locating, recording and evaluating the related research works.

Dhamane (2012) found out that knowledge of Science Student Teacher regarding HIV/AIDS & Life Skills Education was more than non-science student teacher and the attitude towards HIV/ AIDS and Life Skills Education of all student teachers was found positive.

Adhiambo (2013) found out that the implementation of life skill education was determined by the lack of qualified and trained teachers in schools. Further, he asserts that LSE should be made exam orientated and seminars should be held occasionally to ensure proper implementation in the school.

Chege (2013) assert that the negative attitude among teachers and principals undermined implementation of life skill education in school curriculum. The study further established that shortage

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of teaching and learning materials negatively influences realization of life skill education in the school curriculum.

The researchers studied the Level of Preparedness of Teachers and School Managers in Implementing Life Skills Education in Trans- Nzoia District, Kenya:

Most teachers had not been trained on Life Skills Education hence indicating low level of preparedness by teachers. It was established that while teachers had negative attitude towards teaching of LSE, students portrayed a positive attitude towards learning of LSE. It was concluded that the level of preparedness by teachers and school managers was fairly low and this hampered effective implementation of the educational component in schools visited.

(Abobo & Orodho, 2014, p.32)

(Githaga et al 2014) found out that “life skills education was not given enough attention as it should to equip the learners with adaptive skills that would enable them to deal effectively with the demands of everyday life”.

(NOTE: it is necessary here to state the gap this research work intends to fill.

Also, the null hypotheses or research questions can be stated here)

METHODOLOGY

The researcher used quantitative research approach with descriptive survey design to acquire relevant and specific information regarding the existing condition of the phenomenon.

SAMPLE

100 teachers were selected as the research participants from Eastern part of Bhutan using the simple random sampling technique.

TOOLS

A questionnaire developed by the investigator was used. This scale consisted of 2 sections. Section— A consisted of 20 items measuring the significance of life skills. Section — B contained 20 items related to particular life skills. Both sections contained positive and negative statements in a five-point scale from Strongly Agree (SA) -Strongly Disagree (SD). Altogether the questionnaire comprised of 40 items. Likert type summated rating type scoring was adopted and each individual’s scores were calculated. The reliability and validity of the attitude scale was also determined by split half method and content validation method which was found to be reasonable high (0.78) with N as 200. The content validity was established through expert judgments.

Comment [COE10]: this review of literature is very scanty and the short, short sentence form make it look like extract from/post field paper work. Review more literature to give the paper a wider view and avoid short sentence format in presentation

Comment [COE11]: recast this sentence ie “In the work of Abobo and Orodho (2014) on the level of ...”

Comment [COE12]: since you are citing these authors directly, the words must be in italics form an indented with inverted coma

Comment [COE13]: this is the first citation the authors must be written in full not et al

Comment [COE14]: this is not sample for the study, this is just selection of participant for the study. So the sub-title supposed to be “Selection of Participant for the Study”

Comment [COE15]: why not Instrument

Comment [COE16]: the recent research study shows that five-point Likert scale had been reduced to four-point scale of Strongly Agreed, Agreed, Disagreed and Strongly Disagreed. The undecided section had been removed because of its effect on the analysis. It is of importance to show the scoring mode for negative and positive statements in the instrument ie. 4, 3, 2, 1 for positive statement and 1, 2, 3, 4, for negative statements

Comment [COE17]: N for validation 200 is greater than N for actual research work 100. Why?

DATA ANALYSIS TECHNIQUES

Data was gathered using the questionnaire developed by the investigator from teachers teaching in four levels of schools in Trashigang District. In order to test the hypotheses formulated for the study, both descriptive and inferential statistics like 't' ratio and ANOVA were adopted.

FINDINGS AND DISCUSSIONS

Table 1: Summary of test significance of difference between mean scores due to gender variation

Contrast	Number of samples	Mean	SD	SE _D	't'	Remarks
Male	50	155.7	12.6	2.4	0.33	Not significant
Female	50	154.9	11.1			

In case of male and female variation, the Calculated 't' value 0.33 was found not significant as it is lesser than the tabular value of 't' which was 1.98 at 0.05 level and 2.63 0 at 0.01 level of significance at 98 degrees of freedom. Therefore, the null hypothesis (HO) stated as "There is no significant difference in the attitude of school teachers of Bhutan towards Life Skills Education in relation to gender variation" was accepted. Thus, the finding established that both male and female teachers teaching in four levels of schools in Bhutan do not vary due to their gender with regard to attitude towards Life Skills Education. The above finding is in conformity with the earlier study examined by Sandhu (2014), who found that there was no significant difference in life skills between male and female pupil teachers as well pupil teachers belonging to urban and rural area.

Table 2: Summary of test significance of difference between mean scores in relation to subject variation

Contrast	Number of samples	Mean	SD	SE _D	't'	Remarks
Science	50	159.1	10.8	2.3	4.7	significant
Non-science	50	148.2	11.9			

From the above table it revealed that the calculated 't' value 4.7 was found to be significant as its value was greater than the tabular value of 't' which was 1.93 at 0.05 level and 2.63 at 0.01 level of significance at 98 degrees of freedom. Thus, the null hypothesis (HO) stated as "There is no significant difference in the attitude of school teachers of Bhutan towards Life Skills Education in relation to subject" was rejected. The finding confirms with the previous study conducted by Dhamane (2012) & Sandhu (2014), who found out significant difference between Science and Arts pupil teachers. Science pupil teachers were found to possess higher level of life skills as compared to Arts pupil teachers. Thus,

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Comment [COE20]: This table needs some adjustment. There is need to include the column for T-value and be compare at glance with T-calculated. Why testing at 2 levels of significance 0.01 and 0.05 The null hypothesis HO₁ must be stated before the table clearly.

Comment [COE21]: This is too affirmative; research is on-going I suggest the word "revealed" instead of established

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the finding indicated that the science teachers have higher level of positive attitude towards Life Skills Education as compared to that of non-science teachers in Bhutan. The other reason could be that the Life Skills education in Bhutan mostly focuses on sex related issues and consequently more numbers of science teachers are given opportunity in terms of training and courses.

Table 3: Summary of test significance of difference between means scores due to variation in professional qualification

Contrast	Number of samples	Mean	SD	SE _D	't'	Remarks
Post Graduate	50	159.5	11.8	2.2	3.8	significant
B.Ed	50	151.1	10.3			

With regard to the intra variables of post graduate and B.Ed variations, the calculated 't' value 3.8 was found to be significant as its value was greater than the table value of 't' was 1.98 at 0.05 level and 2.63 at 0.01 level of significant at 98 degrees of freedom. Therefore, the null hypothesis (H₀) stated as "There is no significant difference in the attitude of school teachers of Bhutan towards Life Skills Education due to their professional qualification" was rejected. Thus, it can be concluded that there existed significant difference in Bhutanese teachers' attitude towards implementing Life Skills Education in relation to their professional qualifications.

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Table 4: Test of significance of difference through ANOVA on attitude of teachers towards Life Skills Education in relation to teaching experiences

Variable	Categories	N	SS _t	SS _b	SS _w	F	Remarks
Teaching experience	1-5 years	25	12964.6	144.7	12819.9	0.36	Not significant
	6-10 years	25					
	11-15 years	25					
	>15 years	25					

From the test of ANOVA, the finding vividly elucidates that the calculated 'F' value (0.36) is lesser than the tabular values at 0.05 (2.70) and 0.01(3.98) level. Hence, the hypothesis (H₀) stated as "There is no significant difference in the attitude of school teachers of Bhutan towards Life Skills Education in relation to number of years in service" has been retained. It can be concluded that there is no significant

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difference in teachers' attitude towards life skill education in relation to their teaching experience. The reason behind may be that the teachers in Bhutan are given equal training in Life Skills Education irrespective of their teaching experiences.

Table 5: Test of significance of difference through ANOVA on attitude of teachers towards Life Skills Education in relation to school levels

Variable	Categories	N	SSt	SS _b	SSw	F	Remarks
Level of schools	Primary school	25	12964.6	1889.5	11075.1	5.5	significant
	Lower secondary school	25					
	Middle secondary school	25					
	Higher secondary school	25					

Through the test of ANOVA, it revealed that the 'F' value (5.5) was greater than the table value at 0.05 (2.70) and 0.01 (3.98) level. Thus, the hypothesis (H₀) stated as "There is no significant difference in the attitude of teachers teaching in different school levels (Primary school, lower secondary school, middle secondary school and higher secondary school) to towards Life Skills Education" was rejected. The finding discloses that there exists significant difference in the attitude of teachers in Bhutan teaching at four levels of school towards Life Skills Education. It signifies that teachers teaching in secondary schools have higher positive attitude towards Life Skills Education as compared to primary school teachers. One of the underlying reasons could be that Life Skills Education is given more importance from secondary stage onwards which marks the transition of childhood to adolescents. Subsequently, more number of secondary schools' teachers may be trained in life skills education as compared to primary school teachers.

RECOMMENDATIONS FOR FUTURE RESEARCH |

Based on the findings of the study, following recommendations were made:

- The same study can be replicated using similar methodology but in different parts of Bhutan taking into account larger number of teachers. This may help the future researcher to make the results more generalized in larger extent.

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- Research project on similar topic may be conducted in future to investigate the perceptions and attitudes of school principals, counselors, parents and students.
- The present study was quantitative, but qualitative research in future can be conducted using interview and observation techniques to gain ill-depth information that could enrich the findings of the study and create better understanding of implementing life skill education in Bhutan.

CONCLUSION

In the present study, sincere effort was made by the investigator to explore and to see the ground realities on attitude of Bhutanese teachers towards implementation of Life Skills Education. The current study showed that teachers teaching in four levels of school (Primary, lower secondary, middle secondary and higher secondary schools) have significant difference in their attitude towards life skills education. Therefore, it was deduced that attitude of teachers teaching in Bhutan have significant difference in accordance with the levels of schools served.

While testing the attitude of teachers towards life skills education in variation to their teaching experience, the study found that the teaching experience does not make significant difference in implementing life skills education. On the other hand, while testing the attitude of teachers towards life skills education in relation to gender, the study showed that there does not exists significant difference in respect of male and female teachers.

While examining the attitude of science and non-science teachers towards Life Skills Education, the result revealed that there was significant difference between the two intra variables, which was in conformity to past researchers. Similarly, the study also established that there was significant difference in teachers' attitude towards life skills education in relation to their place of working (locale).

However, this study is a preliminary step undertaken by the investigator in this area and the investigator plans to conduct further investigations into the determinants that influence the attitude of teachers towards implementing Life Skills Education in Bhutan. Nonetheless, the investigator also hopes that this study would aid curriculum designers, principals, administrators, teachers and parents to understand teachers' perceptions concerning the implementation of Life Skills Education. Hence, this in turn may lead to adequate training of teachers, professional development, and development of appropriate life skill curriculum which would definitely contribute to production of prolific and creative citizen who can meaningfully help in nation building.

Comment [COE27]: These recommendations looks more of recommendation in Thesis/Dissertation rather than a journal article. The recommendations should focus more on the importance of the findings of this work especially the LBSE on an individual, curriculum planner, the teachers, government and non-government organizations. The one here is just suggestions for further study not recommendations

REFERENCES

Abobo, F., & Orodho, A. J. (2014). Life Skills Education in Kenya: An Assessment of the level of preparedness of teachers and school managers in implementing life skills education in Trans-Nzoia District, Kenya. *Journal of Humanities and Social Science*, 19, (9), 32-44.

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Adhiambo, L. P. (2013). Implementation of Life Skills Education in secondary schools in Uriri and Awendo districts, Migori county, Kenya. Dissertation submitted in partial fulfillment of the Master of Education. Kenyatta University, Kenya.

*Behera. A. K.(2020). Life Skill Education in Classroom. *International Journal of Humanities and Social Science Invention (IJHSSI)*, 9, (8) 04-10, DOI: 10.35629/7722-0908020410. www.ijhssi.org

Chege,J.N.(2013). Factors that influence implementation of Life skills education in Public secondary school, Kingumo District, Murang country, Kenya. A Research Project submitted for Registration for Degree of Master of Education Curriculum Studies in University of Nairobi.

*Department of Youth and Sports (2014). Implementation of life skills education in schools review report, 2014. Thimphu: Department of Youth and Sports, Ministry of Education.

*Dorji, P., & Yangzome. (2018). Life skills education as a positive disciplining intervention for students with disciplinary issues in the school. *Rabsel-the CERD Educational Journal*, 19(2), 18-37.

Dhamane,V. (2012). Development of HIV/AIDS and Life Skills Education Booklet for Student Teachers and Study Effectiveness. *Scholarly Research Journal for Humanity Science & English Literature*. <https://www.srjis.com>

Githaiga,S. N., Gathanwa.L.W., & Thinguri. R. (2014). An Exploration of Teachers' Attitude towards Life Skills Education: A Case Study of Secondary Schools in Thika West District, Kiambu County, Kenya.

Journal of Education and Practice, 5, (34). www.iiste.org.

*Kalanda, F.B. (2010). Life skills and reproductive health education changes behaviour in students and teachers: Evidence from Malawi. *Educational Research and Reviews*, 5, (4), 169-174.

www.academiejournals.org/ERR.

*Ministry of Health and Ministry of Education (2008). *Guide Book for Teachers, Comprehensive School Health Programme*. Royal Government of Bhutan, Thimphu.

*Mbewa, T.C., & Tamilenthi, S. (2012). An analysis of Basic school Teacher's Perception in Teaching of Life Skills Education to the Basic School of Chipata District, Republic of Zambia. *International Journal of Recent Scientific Research*, 3, (2), 111 – 115.

*Munsi, K., & Guha, D. (2014). Status of life skills education in teacher education curriculum of SAARC countries: A comparative evaluation. *Journal of Education & Social Policy*, 1, (1), 93-99.

*Murthy, V. C. G. (2016). Issues, problems and possibilities of life skills education for school going adolescents.

The International Journal of Indian Psychology, 3, (11), 56-76

*Prajapati, R., Sharma, B., & Sharma, D. (2017). Significance of Life Skills Education. *Contemporary Issues*

in Education Research – First Quarter, 10, (1)

*Schultz, M. C., & Chweu, M. G. (2012). The Value of a Life Skills Programme at a Higher Education Institution in South Africa. Tshwane University of Technology. *International Review of Social Sciences and Humanities*, 2, (2), 190-199.

Sandhu, K. (2014). A STUDY OF LIFE SKILLS OF PUPIL TEACHERS. *Indian Journal of and Applied Life Science*, 4, (3) 389-395. <http://www.cibtech.org/jls.htm>

**UNICEF (2005). Life Skills- Based Education in South Asia. A Regional Overview prepared for the South

Asia. Kathmandu, Nepal. World Health Organization (1999). *Partners in life skills education:*

Conclusions from a United Nations Inter-Agency Meeting. Geneva: Department of Mental Health, Social change and Mental Health Cluster.

**World Health Organization (WHO) (1997). *Life skills education for children and adolescents in schools*.

Geneva: Division of Mental Health and Prevention of Substance Abuse.

*Yadav, P., & Iqbal, N. (2009). Impact of Life Skill Training on Self-esteem, Adjustment and Empathy among Adolescents. *Journal of the Indian Academy of Applied Psychology*, 35, Special Issue, 61-70.

Comment [COE29]: The author should try and follow the correct current APA format of referencing. Those authors with * (asteric) were not cited but referenced, those with ** are either referenced or cited with wrong date while UNICEF was cited without date.