

# A Study of Awareness About Sex Education in the Adolescent Female Students

\* Dr. Pawan Kumar

#### ABSTRACT

Education in its general sense is a form of learning in which the knowledge, skills, values, beliefs and habits of a group of people are transferred from one generation to the next through story-telling, discussion, teaching, training and research education may also include informal transmission of such information from one human being to another. Education frequently takes places under the guidance of others but learners may also educate themselves. Objectives of the study are to study and compare the attitude of rural and urban female senior secondary school students towards sex education. The present study conducted on a sample of 50 students selected from senior secondary schools of Block Gohana of District Sonipat in which 25 students of urban area and 25 students from rural area are selected.

Keywords: -Awareness, Sex Education, Adolescent and Students

#### **INTRODUCTION**

Man among the living beings, have the highest capacities to adapt to new situations. Man as a social animal not only adapts to physical demands but he also adjusts to social pressures in the society. Biologists used the terms adaptation strictly for physical demands of the environment but psychologists use the term adjustment for varying conditions of social or interpersonal relations in the society. Thus, we see that adjustment means reaction to the demands & pressures of social environment imposed upon the individual. The demand may be external or internal to whom the individual has to react. Observe the life of a child. He is asked to do certain things & avoid doing others.

Emotions can be aroused by certain objects, things or happening outside the individual himself or within himself when his body, pride self-esteem is likely to be damaged or is damaged fear or anxiety, jealousy, anger, injury or an insult to one's self-respect are the cases of negative emotions. One's become frightened, enraged or upset. These causes, rapid increase in tension level or excitation of the body whenever the various bodily parts are over stimulated, the emotions are unpleasant. On the other hand, affection, hope, joy, courage, trust, meeting a person whom one loves or a beautiful sight or some success leads to positive emotions. A person emotional reaction to an incidence depends both upon the nature of the happening itself and upon his own inner sate. One incidence may create joy in one and grief in another, because it all depends on the inner state of the individual.

Rousseau, "Education is the child's development from with in." When Students grow up, they need to learn and adapt to the physiological and psychological changes in different stages of development. The learning objectives of sex Education vary with the age students and the environment. They need appropriate and continuous counseling and guidance. Parents are the core people who accompany their students as they grow up, so parents are also the most appropriate person to give their students Sex-Education is given at home, the earlier the students are able to establish correct concepts on sex, and the easier the parents can handle the situation.

Young people are exposed to numerous, influences upon their sexual attitudes and behaviors every day the media, their peers, their parents, and other adults. Sex Education / family life Education is valuable in its ability to truthfully educate young people about sex and its risks.

The failure of some persons to regulate sexual feelings, to limit their fondness for material things, to place morality above momentary pleasure or to desensitize themselves to aggravating stimuli and stimuli situations reveal poor emotional control. Personal adjustment requires an effective and continuing dominion over feelings and emotions and this should be one of the primary goals of training, education and mental hygiene programmers. The idea of emotional control should not be confused with emotional rigidity, which is a much opposed to emotional adjustment and health as lack of maturity or control. Modern psychology prefers the word "Stability" of curse intense emotions we experienced by all but it is expected of an educated person that he should express his emotions in socially accepted ways. Without causing distress to others and without making a ridiculous play of him. Emotional maturity does not mean that emotions and feelings should be banished from life, but they shall be experienced in their full range and complexity. These are the species life and make it worth living. Maturity means that young people should act, behave and feel as people of their age do. They should live and act accordingly to their age.

\* Dr. Pawan Kumar, Principal, Yash College of Education, Affiliated M.D. University, Rohtak drpawanarya1@gmail.com

Slightly more than half of adolescents who reported having a health care visit reported that they had an opportunity to talk alone (without a parent or other adult present) with their physician, and fear of disclosure was a major reason for adolescents having missed care they believed that they needed.

## **SEX EDUCATION**

Sex education is instruction on issues relating to human sexuality, including human sensual anatomy, sexual reproduction, sexual activity, reproductive health, emotional relations, reproductive rights and responsibilities, sexual abstinence, and birth control. Common avenues for sex education are parents or caregivers, formal school programs, and public health campaigns.

Sex education aims to reduce the risks of potentially negative out comes from sexual behavior, such as unwanted to unplaced pregnancies and infection with sexually transmitted diseases including HIV. It also aims to contribute to young positive experience of their sexuality, by enhancing the quality of their relationships and their ability to make informed decisions over their life time. Sex education snowed be more than just puberty and reproductive biology; It should help young people to be safe and enjoy their sensuality. If sex is going to be effective, it needs to include opportunities for young people develop skills as it can be hard for them to information.

Sex education that works also helps equip young people with the skills to be able to differentiate between accurate and inaccurate information, and to discuss a range of moral and social issues and perspectives on sex and sexuality, including different cultural attitudes and sensitive issues like sexuality, abortion and contraception.

Young people can be exposed to a wide range of attitudes and beliefs in relation to sex and sexuality for example, some health massage and emphasize the risks and dangers associated with sexual activity and some media converge promotes the idea that being sexually active makes a person attractive and mature. because sex and sexuality are sensitive subjects, young people and sex educators can have strong views on what attitudes people should hold, and what moral framework should govern people's behaviors young people can be very interested in the moral and cultural frameworks that bind sex and sexuality. They often welcome opportunities to talk about issues where people have strong views, like abortion, sex before marriage, lesbian, gay it is important to remember that talking in a balanced way about differences in opinion does not promote one set of views over another or mean that one agrees with a particular view. Finding out that you agree to disagree.

People providing sex education have attitudes and beliefs of their own about sex and sexuality and it is important not to let these influence negatively the sex education that they provide sex education should start early, before young people reach puberty, and before they have developed established patterns of behavior. Many schools that have a strong religious influence are opposed to comprehensive sex education. This can severely limit a pupil's education, with information only being provided in their biology, class under the heading of 'reproduction'. These classes can be about, literally, the 'birds and the bees'.

## NEED AND IMPORTANCE OF PRESENT STUDY

- 1. Understanding the differences and similarities between two genders in terms, of body and mind will set up a foundation for the future development.
- 2. Sex Education is a kind of holistic Education. It teaches on individual about self-acceptance and the attitude and skills of interpersonal relationship.
- 3. The objective of sex Education is to help students understand the body structure of men and women and acquire the knowledge about the birth.
- 4. Teach students to establish and accept the role and responsibility of their own gender by the knowledge of sex.

## OPERATIONAL DEFINATION OF KEY TERMS

Awareness - Awareness is the ability to perceive to feel, or to be conscious of events, objects thoughts, emotions or sensory patterns. In this level of consciousness, sense data can be confirmed by an observer without necessarily implying understanding.

**Sex education** - Sex Education is instruction on issued relating to human sexuality, including human sexual on anatomy, sexual reproduction, sexual activity, reproductive health emotional relations, reproductive right and responsibilities sexual abstinence, and birth control, common, avenues for sex Education are parents for caregivers, formal school programs and public and public health campaigns.

Adolescents - Adolescence is a transitional stage of physical and psychological human development that generally occurs during the period from property to legal adult. The period of adolescence is most closely associated with 16 - 18 years near about.

**Students** - A student is a learner or someone who attends an educational institution. At the present study the student mean who are studying in senior secondary school level.

## **OBJECTIVES OF THE STUDY**

- To study the attitude of senior secondary school female students towards sex education.
- To study the attitude of rural senior secondary school female students towards sex education.
- To study the attitude of urban senior secondary school female students towards sex education.
- To compare the attitude of rural and urban senior secondary female students towards sex education.

#### **HYPOTHESES OF THE STUDY**

• There is no significant difference between the attitude of rural and urban female senior secondary students towards sex education.

#### **DELIMITATIONS OF THE STUDY**

- Present study restricted only for Gohana block.
- This study delimited to the senior secondary school female students only.

## **METHOD USED IN PRESENT STUDY**

In the present problem or study was an attempt to A comparative study of awareness about Sex Education in the adolescent students of Gohana Block. To achieve objectives of study, the researcher has used the descriptive survey method to facilitate the study easier.

#### **POPULATION OF THE STUDY**

In the present study all students of senior secondary schools of Block Gohana of District Sonipat has been selected for population.

#### **SAMPLE OF THE STUDY**

The present study conducted on a sample of 50 students selected from senior secondary schools of Block Gohana of District Sonipat in which 25 female students of urban area and 25 female students from rural area are selected.

#### **TOOL USED IN PRESENT STUDY**

In the present study investigator has used a self-made questionnaire for measuring of awareness about sex education in the adolescent students of Gohana Block.

#### STATISTICAL TECHNIQUES USED

Completion of any scientific analysis is possible only with the use of some statistical processing. The acceptance or rejection of hypothesis ultimately determines the contribution of the investigation in the scientific development of a particular area. This is especially true for statistical techniques in the analysis for interpretation of the data, with the use of some statistical processing. In this research, t-test was applied to achieve this mean, standard deviation. Therefore, test was considered to be the most suitable measure to find the significance of difference among those two groups. For the calculation of 't' ratio the following step were adopted: -

Mean – The mean of a distribution is commonly understood as the arithmetic average. It is perhaps the most familiar, most frequently used well understood average.

The mean of a set of observations or scores is obtained by dividing the sum of all the values by the total number of values.

М	=	$\sum_{N} X$
М	=	mean,
Σ	=	sum of
Х	=	scores in distribution
Ν	=	Total number of scores

Standard Deviation -This is the most accurate measure of variability. It not only represents the speed of distribution but the degree which the score is around the mean.

The measure is known as the standard division of the distribution. It is referred as S.D. The following formula used for collecting **S.D.** 

S.D. 
$$\sigma = \Sigma (d)^2$$
  
N (for large sample >25)  
S.D.  $\sigma = \Sigma (d)^2$   
N-1 (for small sample = or <25)  
 $\sigma = SD$  of samples  
 $d = Mean$  difference  
N = Number of samples  
 $\sqrt{\sum d^2}$  = Square of positive difference  
T-Test -Applying T-Test =  
't' value = M<sub>1</sub> - M<sub>2</sub>  
 $\sigma_1^2 \sigma_2^2$   
N<sub>1</sub> N<sub>2</sub>  
M<sub>1</sub> = Mean of first Group  
M<sub>2</sub> = Mean of second Group  
 $\sigma_1$  = S.D. of first group  
 $\sigma_2$  = S.D. of second group  
N<sub>1</sub> = Number of data of first group  
N<sub>2</sub> = Number of data of second group

Percentage -Percent means "for every 100" or "out of 100." The (%) symbol as a quick way to write a fraction with a denominator of 100. As an example, instead of saying "it rained 14 days out of every 100", we say "it rained 14% of the time." Percentages can be written as decimals by moving the decimal point two places to the left:

	Number of agree answer given					
Percentage formula =	by student x 100					
	Total number of students					

In the present study data was conducted on a sample of 100 students of adolescent stage of Block Gohana of District Sonepat in which 50 students of rural area and 50 students from urban area are selected.

The self-made questionnaire was used collection of data. The scores obtained from students were used in making a master chart for various groups under study. The statistical analyses were computed for each objective separately. Mean S.D., and 'T' ratios were worked out to find the significance of difference between means.

Sr.	Question	Gender Rural area's students					Urban area's students			
1-	Moral education can be provided through		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	sex education.	Female	23	92	2	8	24	96	1	4
2-	Students can discuss frankly with their		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	parents by sex education.	Female	17	68	8	32	19	76	6	24
3-	Sex education can develop self confidence in		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	students.	Female	24	96	1	4	23	92	2	8
4-	Teacher plays a big role in providing sex –		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	education.	Female	12	48	13	42	12	48	13	42
5-	Sex education can make the student mentally		Yes	Yes%	No	No%	Yes	Yes%	No	No%
-	strong.	Female	20	80	5	20	16	64	9	36
5-	Sex pho bia can be removed through Sex –		Yes	Yes%	No	No%	Yes	Yes%	No	No%
0	education.	Female	20	80	5	20	21	84	4	16
7-	The relationships strengthen between teacher	1 0111010	Yes	Yes%	No	No%	Yes	Yes%	No	No%
,	and student by Sex – education.	Female	11	44	14	56	12	48	13	42
8-	Student will be intellectually strong by Sex	1 emaie	Yes	Yes%	No	No%	Yes	Yes%	No	No%
0	– education.	Female	13	52	12	48	21	84	4	16
9-	Sex – education help student to understand	Yes	Yes%	No	No%	Yes	Yes%	No	No%	10
)-	sexual problems.	Female	24	96	1	4	24	96	1	4
10-	Scientific knowledge about sex can be	Temate	Yes	Yes%	No	No%	Yes	Yes%	No	No%
	provided through Sex – education.	Female	13	52	12	48	18	72	7	28
11-	There is no need of special training for Sex – education.	Yes	Yes%	No	No%	Yes	Yes%	No	/ No%	20
		Female	14	56	11	44	19	76	1N0%	24
12		remale		Yes%		44 No%	Yes	Yes%	ł	24 No%
12-	Sex – education can arise emotional problems.	Г 1	Yes		No				No	
12	^ 	Female	20 Var	80 Va = 9/	5	20	22 	88	3	12
13-	Sex – education is a big problems in development of co – education.	г 1	Yes	Yes%	No 11	No%	Yes	Yes%	No	No%
1.4	*	Female	14	56	11	44	19 V	76	6 N	24
14-	Uncontrolled population growth can be restricted through Sex – education.	F 1	Yes	Yes%	No	No%	Yes	Yes%	No	No%
1.5	-	Female	21	84	4	16	21 	84	4	16
15-	Youth can save from sexual harassment by Sex – education.	<b>F</b> 1	Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	19	76	6	24	19	76	6	24
16-	Sex – education should be included in curriculum in spite of discreet subject.	- 1	Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	21	84	4	16	18	72	7	28
17-	First lesson of Sex – education should be given by parents.	- 1	Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	21	84	4	16	20	80	5	20
18-	Sex – education should not be the important part of every stage formal education.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	16	64	9	36	17	68	8	32
19-	Sex – education will help to reduce sexual crime.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	19	76	6	24	20	80	5	20
20-	There is no – need of pre-marriage Sex –		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	education.	Female	19	76	6	24	18	72	7	28
21-	Sex – education will decrease the interest of students in study.	Yes	Yes%	No	No%	Yes	Yes%	No	No%	<u> </u>
		Female	11	44	14	56	12	48	13	52
22-	Sex – education is hostile to Indian culture.	Yes	Yes%	No	No%	Yes	Yes%	No	No%	
		Female	19	76	6	24	18	72	7	28
23-	Sex – education will play an important role		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	to maintain a better social – system.	Female	22	88	3	12	21	84	4	16

#### Analysis And Interpretation Of Data In Percentage

#### Showing the Attitude of Senior Secondary School Female Students Towards Sex Education

Sr.	Question	Gender	Rural area's students				Urban area's students			
24-	Inclusion of Sex – education in today		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	education system is the need of country.	Female	21	84	4	16	19	76	6	24
25-	Implication of Sex – education in curriculum		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	will make unnecessary burden of learning process.	Female	13	52	12	48	14	56	11	44
26-	Sexual offence may increase through sex –		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	education.	Female	13	52	12	48	15	60	10	40
27-	To establish Sex – education with formal		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	education is a challenging work for country.	Female	16	64	9	36	20	80	5	20
28-	Sex – education is not related with family		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	planning.	Female	18	72	7	28	19	76	6	24
29-	Through Sex – education we can overcome		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	on prejudices, complications and misconception.	Female	18	72	7	28	15	60	10	40
	Inclusion of Sex – education at elementary stage is beneficial for country.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	18	72	7	28	17	68	8	32
31-	Education of life skills is more important than sex education.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	19	76	6	24	21	84	4	16
32-	-		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	through the interaction with classmates.	Female	19	76	6	24	21	84	4	16
33-	B- Sex – education will increase sexual harassment.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	15	60	10	40	14	56	11	44
34- S	Sex – education is an essential educational programme.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	21	84	4	16	22	88	3	12
	It is possible to build responsible citizen		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	through Sex – education?	Female	23	92	2	8	19	76	6	24
36-	Sex – education should be establish as a		Yes	Yes%	No	No%	Yes	Yes%	No	No%
	independent subject in secondary and higher level curriculum.	Female	17	68	8	32	19	76	6	24
37-	We cannot include life values in students and teaching through Sex – education.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	15	60	10	40	13	52	12	48
38-	Population control is not possible through Sex – education.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	13	52	12	48	16	64	9	36
39-	Sex – education is necessary to dissipate social evils.		Yes	Yes%	No	No%	Yes	Yes%	No	No%
		Female	18	72	7	28	24	96	1	4
40-	Sexual deceases can be prevent at through	Yes	Yes%	No	No%	Yes	Yes%	No	No%	
	Sex – education.	Female	20	80	5	20	17	68	8	32

## **TESTING OF HYPOTHESIS**

Hypothesis 1- There is no significant difference between the attitude of rural and urban female senior secondary school students towards sex education.

Table -1.
-----------

Name of Group	Number of Students	Mean	S.D.	t-values	Level of significance	
Rural area's female students of senior secondary level	25	28.0	5.87	0.81	Hypothesis is accepted at	
Urban area's female students of senior secondary level	25	29.2	4.53	0.81	0.01 & 0.05 level	

df = (N1 + N2 - 2) = (25+25 - 2)= 48 T-value for df 48 are 2.682 at 0.01 level. 2.011at 0.05 level.

Vol 5, Issue 1, Jan-Jun 2022

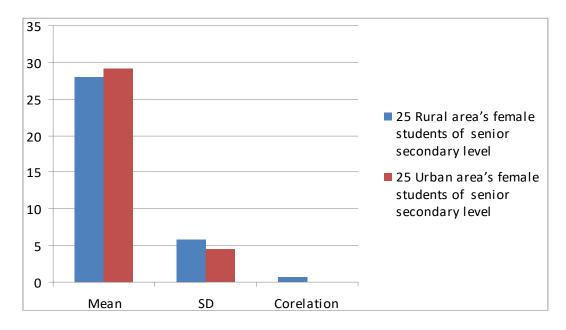


Figure -1.1 Showing Mean Differentials For The Attitude of Rural and Urban Male Senior Secondary School Students Towards Sex Education

Table -1 and Figure -1.1 shows that the mean scores of the attitude of rural and urban female senior secondary school students toward sex education is 28.0 and 29.2 respectively whereas the standard deviation values are 5.87 and 4.53 respectively. The't' value obtained is 0.81. Comparing t-value with that from the table, it may be concluded that since the obtained t-value 0.81 is less than the table value 2.011 at 0.05 level of significance and 2.682 at 0.01 levels. Thus found null hypothesis accepted on 0.05 levels and 0.01 levels.

Therefore, it may be concluded that there is no significant difference between the attitude of rural and urban female senior secondary school students towards sex education.

#### CONCLUSIONS

One of the major purposes of carrying out investigation is to draw conclusions. The conclusions are the essentials of study, which tells about its outcomes. They are derived from the analysis of collected data and its interpretations. On the basis of analysis and interpretations of data, the following conclusions have been drawn: -

• In the present study after the analysis of data it was concluded that there is no significant difference between the attitude of rural and urban female senior secondary school students towards sex education. It concluded that the attitude of rural and urban female senior secondary school students towards sex education is of same level.

#### **EDUCATIONAL IMPLICATIONS**

Following are the educational implications of the present study: -

- Sex education should be according to the need, interest, and ability of the students so that she aware about sex education.
- Teacher should of high capable, affectionate co-operate and resourceful. So that they can able to increase awareness of sex education of her student.
- The situation and the environment, in which the learning is to make by the learner influences the learning process.
- A well-equipped, healthy class room environment proves awareness of sex education.
- A student who has developed a healthy attitude towards sex education they will make confidence in himself and make himself mantle strong. So it is the duty of the teacher to develop a favorable attitude in the students to motivate them.
- An aware student about sex education even through average student will be able to concentrate on his study. On the other hand, an unaware student disturbed even through intelligent, may find it difficult to achieve desired education goal.
- The findings may help the teachers adopting better strategies and provide extra educational treatment like guidance and counseling for the betterment of pupils.

#### REFERENCES

- [1]. **Best, J.W. (2008).** *Research in Education.* New Delhi: Prentice hall of Indian private ltd.
- [2]. **Brabin, L. & Kemp. J.(2015).** *Reproductive Tract Infection and Abortion Among Adolescent in Rurra.* Nigeria : International Educational Institution.
- [3]. Chauhan, S.S. (2007), Advanced Educational Psychology, New Delhi : Vikas Publication House Pvt. Ltd.

- [4]. Chohan, A., P., Singh, V. S. & Zaveri, H. (2018). Intervention experience with the under privileged adolescent of Vadodara. Gujrat: Baroda citizen's council.
- [5]. Daniel, T.L.S. (2017). Family Environment and Adolescent Psychological well-Being, School Adjustment and problem behaviour; a Pioneer study in a chinese context. Journal of Genetic psychology, Vol.158.
- [6]. Daru, C. B. et. al. (2010). Sexual Behavior & practice among secondary school Adolescents. Nigeria : Anambra State.
- [7]. Dass, P., Pal, R. & Pal, S. (2012). Reproductive health awareness among rural school going of Vadodara District.
- [8]. Geeta S., Vijaylaxmi A. (2012). Impact of emotional maturity on stress and self-confidence of adolescents. Journal of Indian academy of Applied Psychology, 2006, Vol.32, No. 1, 66-70.

- [9]. **Gupta, S. (2018).** Report on study of reproductive health and sexual behiviour among adolescents. Jaipur : Institution of health management research.
- [10]. Jimmy, E. (2013). Perception of students, teachers, and parents towards sexuality education, by EKO.
- [11]. Khubchandani, J., Clerk, J. & Kumar, R. (2014). Beyond controversies sexuality education for Adolescent in India.
- [12]. Kotwal, N., Khan, N. & Kaul, S. (2014). A review of the effectiveness of the interventions on adolescent reproductive health in developing counties.
- [13]. Melly R. M. (2014). Queer theory as applied to comprehensive Sexual Education.
- [14]. Singh, A. & Rathor, R. (2012). Consciousness of reproductive health among rural and urban Adolescent girls.
- [15]. Singh, B. (2019). Knowledge and awareness as determinants of reproductive health: A rural urban perspective.