# A study of multiple intelligences of VIII STD girls students of English medium schools in Aurangabad city.

**Mirza Humaira Batul**
Research Scholar &Assistant Professor.
Department of psychology Maulana Azad College of arts,
science, and commerce. Aurangabad

**Abstract:**
        The study focuses on the multiple intelligences among VIII STD girls students of English medium of Aurangabad city. The study used with mixed method with a sample 100 girls students from the age group of 12-13 years. The study adopted multiple intelligence inventories by 'THOMAS ARMSTRONG' to assess the multiple intelligence of the respondents.  The study revealed that the multiple intelligence pre dominantly fall neutral in all the eight areas of multiple intelligences. The result from the mean revealed that is significant difference between the areas of multiple intelligences.
**Key words**: Multiple intelligences, VIII STD girls' students.

## 1. Introduction:

The researcher felt need for the present research that the multiple intelligence is very essential to know the girl students hidden qualities as we know now a days its 21st centuries' 'cutthroat era' hence teacher should know the students hidden qualities, mental abilities, and areas of intelligence etcAccording to the researcher multiple intelligence should be more useful in the school specially in theclassroomteacher  may come to regard intellectual ability more broadly. Drawing a picture, composing, or listening to music, watching a performance these activities can be a vital door to learning as important as writing and mathematics. Studies show that many students who perform poorly on traditional tests are turned on to learning when classroom experiences incorporate artistic, athletic, and musical activities.teacher will provide opportunities for authentic learning based on students needs, interests and talents. The multiple intelligence classroom acts like the "real" world.The researcher felt the need for the present research as it has become a common sight. Now a days it is essential to find girls students intelligence level to show them the best way of their career. The present study tries to find out the intelligence level in different ways and different direction to improve their learning condition with the help of the result obtained.Its fact that the girl's future is in deeply related with multiple intelligence. If the girl'sstudents knows their mental abilities in different areas they can easily select their carrier.In today's education Intelligence is the most important single variable which affects success in real life. In general terms intelligence means the manner with which an individual deals with facts and situation. Intelligence is the aggregate or the global capacity of the individual to act purposefully, to think rationally and to deal effectively with the environment. In this technological and competitive world the performance of the girls, as a citizen, as a worker and as a student largely depends upon the intelligences.Study of multiple intelligence is essential for providing in both realistic and fantasy situation specially for girls' students. giving opportunities to design products using strengths and interest as a guide providing opportunities to the girlsstudents skills and information using multiple intelligence. planning learning experiences around abstract themes and bringing the girls students own culture and expectances into the curriculum. while expanding from this base into the other relation areas for the safe and secure future.

## 2. background details:

basic details of the present study is as follows.

### 2.1 objectives

- To find out what is multiple inelegancies
- To find out the level of different areas of multiple intelligences of VIII STD girls students of English medium schools.

### 2.2 hypotheses:

- The level of different areas of multiple intelligences of VIII STDgirl's student of English medium is neutral.

## 2.3 procedure and material:

The researcher used the mixed research method in this study in which both qualitative and quantitative research were conducted. In qualitative research the descriptive method was used to describe the first objective which is as followed.

The concept of multiple intelligences (MI) initiated by Howard Gardner which he introduced in his 1983 text, *Frames of Mind*

Multiple intelligences is a psychological theory about the mind. It's a critique of the notion that there's a single intelligence which we're born with, which can't be changed, and which psychologists can measure. It's based on a lot of scientific research in fields ranging from psychology to anthropology to biology. It's not based upon based on test correlations, which most other intelligence theories are based on. The claim is that there are at least eight different human intelligences. Most intelligence tests look at language or logic or both - those are just two of the intelligences. The other six are musical, spatial, bodily/kinesthetic, interpersonal, intrapersonal, and naturalist. I make two claims. The first claim is that all human beings have all of these intelligences. It's part of our species definition. The second claim is that, both because of our genetics and our environment, no two people have exactly the same profile of intelligences, not even identical twins, because their experiences are different." - Howard Gardner

Now the researcher is describing the different areas of multiple intelligences one by one. First is Visual/Spatial intelligence which Involves visual perception of the environment, the ability to create and manipulate mental images, and the orientation of the body in space. For e.g. To think in pictures and to perceive the visual world accurately. Second type isVerbal/Linguistic whichInvolves reading, writing, speaking, and conversing in one's own or foreign languages. for e.g., to think in words and to use language to express and understand complex meaning.Third type is Linguistic which involved Skill in the use of words for expressive and practical purposes for e.g.,Reading, Writing,Speaking. Fourth is Logical/Mathematical which Involves number and computing skills, recognizing patterns and relationships, timeliness and order, and the ability to solve different kinds of problems through logic for e.g. to think of cause and effect and to understand relationships among actions, objects, or ideas. Fifth type is Bodily/Kinesthetic which Involves physical coordination and dexterity, using fine and gross motor skills, and expressing oneself or learning through physical activities for e.g.to think in movements and to use the body in skilled and complicated ways for expressive as well as goal-directed activities. Sixth type is Musical which Involves understanding and expressing oneself through music and rhythmic movements or dance, or composing, playing, or conducting music for e.g. to think in sounds, rhythms, melodies, and rhymes. Seventh type is Interpersonal which Involves understanding how to communicate with and understand other people and how to work collaboratively for e.g.,to think about and understand another person. Eight type is Intrapersonal which involvesDaydreams, insightful and reflective, journals easily, comfortable being alone, knows own strengths and weaknesses for e.g. To think about and understand one's self. So, this is the description of multiple intelligence.

In this study regarding the second objective in quantitative method survey  methodology used with a sample of  100 girls student of English medium school between 12-13 years age group wise taken in to consideration in the study was used to analyze the data and statically test like mean was used. The researcher also used the multiple intelligence inventories by THOMOS ARMSTRON to assess multiple intelligence respond. The multiple intelligenceinventories contain eight areas of intelligences with eighty statements with the five alternative choices.

3. **Result and discussion**:

Multiple intelligence plays a significant role in building career in comparatively all types of multiple intelligence score were not neutral. From this it can be observed that interpersonal area of intelligence is highest level and musical area of intelligence is the lowest level of intelligence according to mean value. which is given as follows.

## 3.1 Main finding:

Following tables is showing the mean value of area of multiple intelligence.

| Areas of multiple intelligences | verbal | logical | visual | bodily | musical | interpersonal | intrapersonal | naturalistic |
|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |

| Mean values | 21.41 | 21.87 | 19.22 | 17.72 | 17.45 | 23.17 | 22.77 | 22.08 |
|---|---|---|---|---|---|---|---|---|

Obtain result reveals that VIII STD girls student of English medium school verble intelligence mean value is 21.41 , logical intelligence 21.87 , visual intelligence mean value is 19.22 , bodily kinesthetic intelligence mean value is 17.72 , musical intelligence 17.45,interpersonal intelligence mean value is 23.17 , intrapersonal intelligence mean values is 22.77, naturalistic intelligence 22.08, therefore VIII std girls student of English medium school interpersonal intelligence is high, and the level of musical intelligence is low .

**Conclusion:**

From the study we can come to the conclusion multiple intelligences among the girls students of VIII STD are different these girls are different level of intelligence in different areas. And need to be used these intelligences in the right manner so that student should know there type of multiple intelligences and there level of multiple intelligences in particular area student should choose the best course , carrier according to their type of intelligence and also teacher should have detail knowledge of every student and teacher should teach according to the type of multiple intelligence of children  and parents should not be very strict, nor be linen with their children parent should give stimulation for their works  and they should know their children type of multiple intelligence and should guide them according to their type of multiple intelligence.

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