

# Simulation Teaching



Presented By

Ruby kushwaha

Class – *B.Ed. Ist Semester*

Instructor – Azra Mam

College- Charak Institute of Education

# Definition of Simulation Teaching

- **Simulated teaching is the technique of learning and training, which develops the ability in an Individual regarding problem solving behaviour.**
- *It has been defined as a role playing strongly in which learner performs the role in an artificially created environment.*
- *Simulated teaching is a teacher training technique. It is used to bring about modification in the behaviour of the teacher. It introduces pupil teacher to teach in non-stressful conditions.*

# Meaning of Simulation Teaching

- Simulated teaching is used prior to the classroom teaching practice with the objective of developing a specific skill of communication. It can be used for pre-service teachers to make them effective.
- In simulated teaching, one pupil-teacher acts as a teacher and other teacher trainers act as students. The teacher in this situation teaches considering the student as school students.



# Characteristic

- This technique requires very systematic planning in advance that ensures attainment of desired goals.
- This method is effective for the practice of teaching skills by pupil teacher.
- The training is provided in artificial situations. Through mock trials learns are fully trained to face real situations.
- Through feedback drawbacks are noted in teaching, they are pointed out along with appropriate suggestions to rectify them.

# Simulation Teaching Strategies

- Simulation means **role- playing or rehearsal in which the process of teaching is carried out artificially.** Simulated teaching is a teacher training technique. It is used to bring about modification in the behaviour of the teacher. It introduces pupil teacher to teach in non-stressful conditions.

# Procedure of simulated training

Following are the six steps that are usually followed in simulated teaching.

## (1) Assignment of role:-

The student teachers are assigned the roles of teachers and observe resp. It is done rotation basis.

## (2) Deciding skill to be practiced

At this stage, the skill to be practiced is decided and planning

and preparation for it are done. Each trainee selects the topic according to his interest and intelligence.

### **(3) Preparation of work schedule**

At this stage, it is decided who will teach first and who will observe and how everyone would be teaching /observing one by one.

### **(4) Determining technique of observation**

In this stage, the decision is taken about the type of observation technique to be adopted. It also includes which type of data is to be collected and how these data are to be intercepted.



## **(5) Organization of first practice session**

The first practice session is started and its observations are recorded for judging the teaching behaviour.

This followed by feedback and suggestions for further improvement.

## **(6) Alteration of procedure**

The whole procedure is changed at this stage. There is a change of teacher, change of observers, change of teaching skill and change in topic to be taught. Every student is given the opportunity to play the role of teacher, a student, and a teacher.

# Precaution for simulated Teaching

- Pupils for the same subject should go for practice.
- Each pupil-teacher should be provided with the opportunity to play the role of teacher, student, and an observer.
- For practice pupil- the teacher should prepare micro-lesson plan.
- At the end of the session there should be a decision for diagnostic processes.



# Advantage of Simulation Teaching

1. It is for experiencing problem situation.
2. This technique helps us in acquiring some classroom manners.
3. The use of this technique enables us to study and analyse the teaching problems.
4. Self-confidence in teaching develops through simulated teaching.
5. This technique helps in explaining the behaviour problems in the classroom and contributes to its solutions.
6. This technique makes a person more aware of the role.
7. It bridges the gap between theory and practice of teaching.
8. It provides them with the reinforcement to develop various teaching skills.

# Limitation of simulated Teaching

1. its use can not be made in all subjects of the curriculum.
2. This method requires a lot of preparation on the part of the teachers which they might not be ready to take.
3. The observer who is doing the role, may incorrect reading.
4. For beginners, it may be difficult to practice a few teaching skills such as questioning.
5. No emphasis is given to teaching the content.



# Simulation Based Learning

- Simulation-based education is an educational or training method that is used to “replace or amplify real experience with guided experiences” (Gaba, 2004).
- It is not defined by a technology but rather an educational approach grounded in learning theories.

# Use of Simulation in Education Or Teaching

- Simulation tools can track student progress and provide standardized feedback that can aid in developing skills. They can also offer targeted skill development—students can choose which skills to improve on and receive specific training resources, and educators can also control the content.



Thank you

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