



# A Comparative Evaluation Between Two Innovative Teaching Methods (Video Teaching and Role Play). Based On Homoeopathic Medical Student's Perspective.

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## Abstract:

**Background:** Educational research is a type of systematic investigation that applies empirical methods to solving challenges in education.

**Educational videos** have become important part of education, providing an important content delivery tool in many flipped, blended and online classes. Videos are widely used for supporting and stimulating student comprehension in various contexts. The benefits of using videos are considered a valid tool for student education. Videos are surely among the most interesting technology adding value to learning context.

Role play is a learning structure that allows students to immediately apply content in a relevant real-world contest by this method students engage in higher order of thinking and learn content in deeper way. Typically, students claim to remember role play for long time. It motivates and engage students and enhance current teaching strategies. Evaluation of educational courses is important for estimating the achievement of learning goals and identifying the best way to learn.

Hence the study is to compare the effectiveness of two innovative teaching methods.

Indexing Terms: Innovative Teaching Methods, Role Play, Video Teaching, Homoeopathy, Students Perspective.

**Problem:** It is a difficult task and primary purpose of educational research to use proper teaching method and expand the existing body of knowledge by providing solutions to different problems in pedagogy while improving teaching learning practices.

**Objective:** To evaluate the effectiveness of learning by comparing two innovative teaching methods that are video teaching and role play based on homoeopathic medical student's perspective.

**Hypothesis:** H0- Role play teaching is not effective than Video teaching.

**Materials & methods of study:** A Pilot study was conducted among 107 the students of KLE Homoeopathic medical college Yellur road Belagavi for a period of one and half months where students were exposed to two different types of teaching methods by using Role play and Video teaching method. Data was collected using validated Questionnaire forms. Analysis was done using SPSS V.20 software by applying Z test. Analysed Results were expressed using appropriate figures.

**Details of questionnaire.**

\*Voluntary participation of the subjects is considered as their consent for the study.

Note: Your responses will be confidential and will be used for research purpose only.

**Name of the student-**

**Age-**

**Gender-**

**Course /year-**

**Name of institution-**

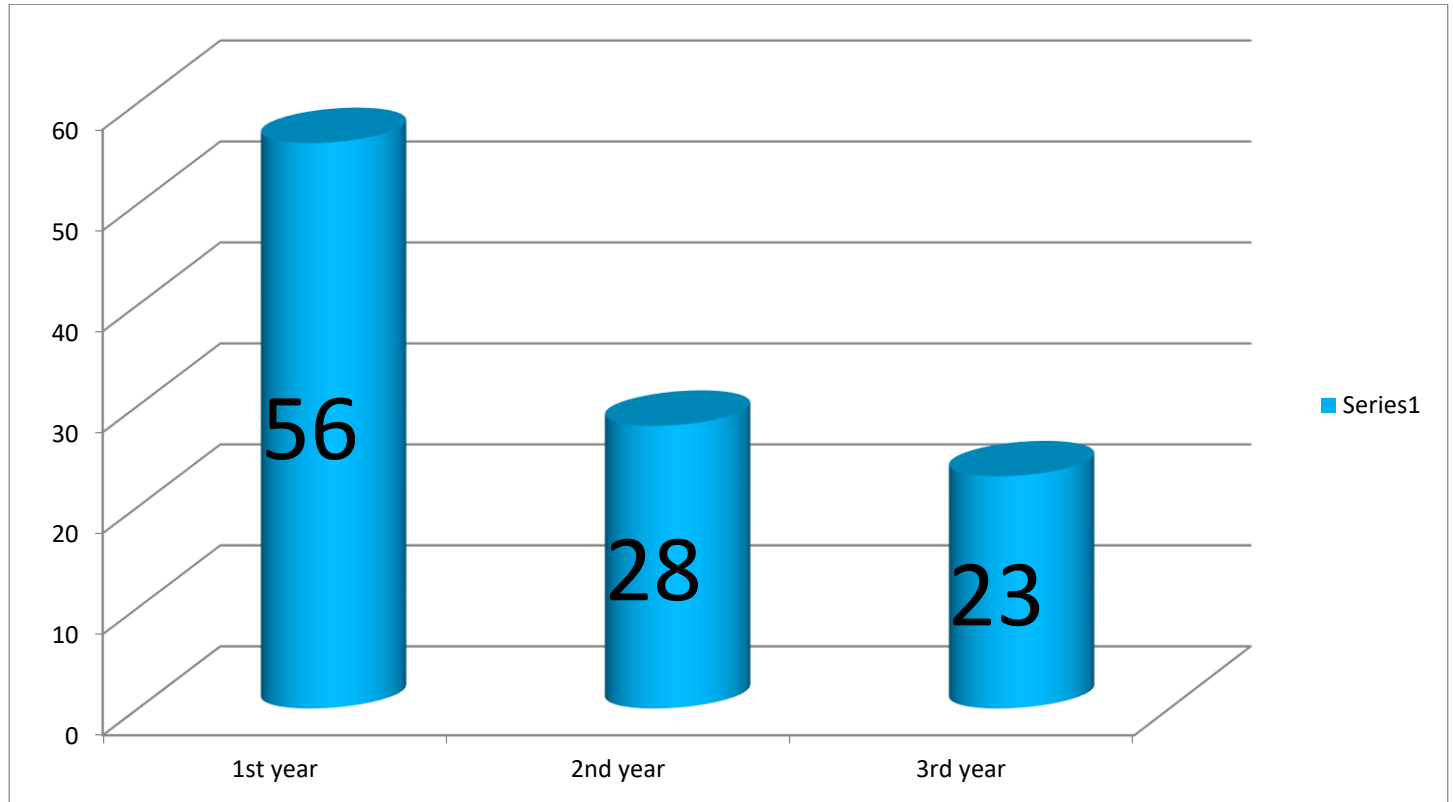
s.no	Questionnaire	strongly agree.	agree.	neutral.	disagree.	strongly disagree.
1	the topic explained to me clearly by this teaching method.					
2	the objectives of the topic were specified at the beginning of the session by this teaching method.					
3	this method of teaching has relevance with the topic.					
4	the topic was difficult to understand by this teaching method.					
5	you could receive information correctly by this method of teaching.					
6	this method of teaching kept you attentive in class.					
7	the topic was interesting by this teaching method?					
8	this method of teaching motivates you to ask questions and allow you to clarify your doubts.					
9	you could recollect all the information at the end of session by this teaching method.					
10	you enjoyed this method of teaching.					
11	the objectives of the topic were met at the end of the session by this teaching method.					
12	this method is better for application on exam point of view.					
13	this method of teaching needs improvement.					
14	this teaching method works well in comparison to other methods.					
15	you will prefer this type of teaching method in future.					

SIGNATURE-

DATE-

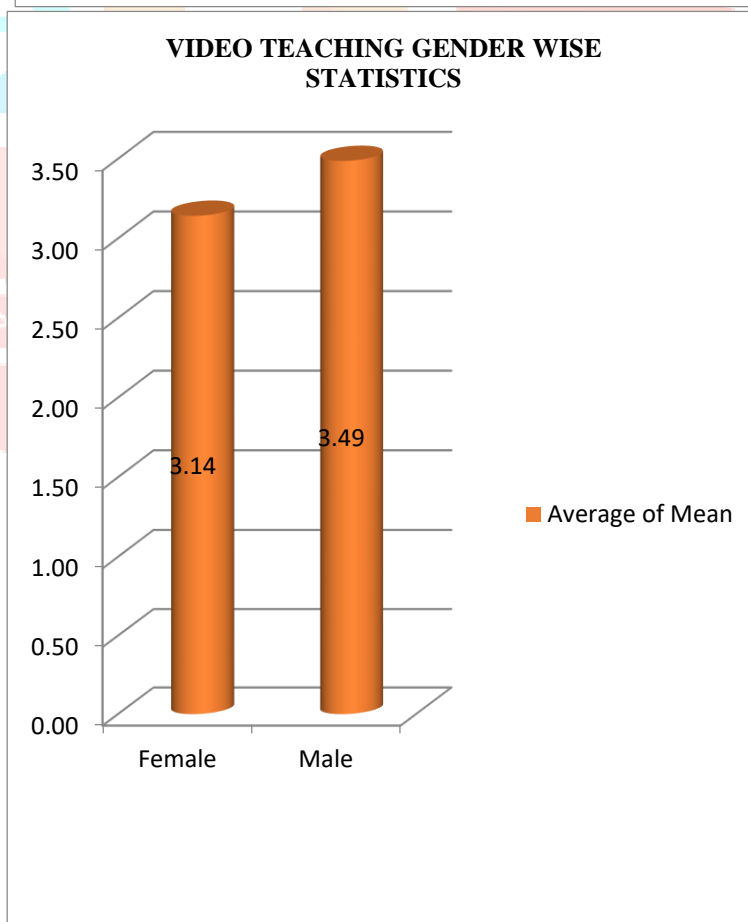
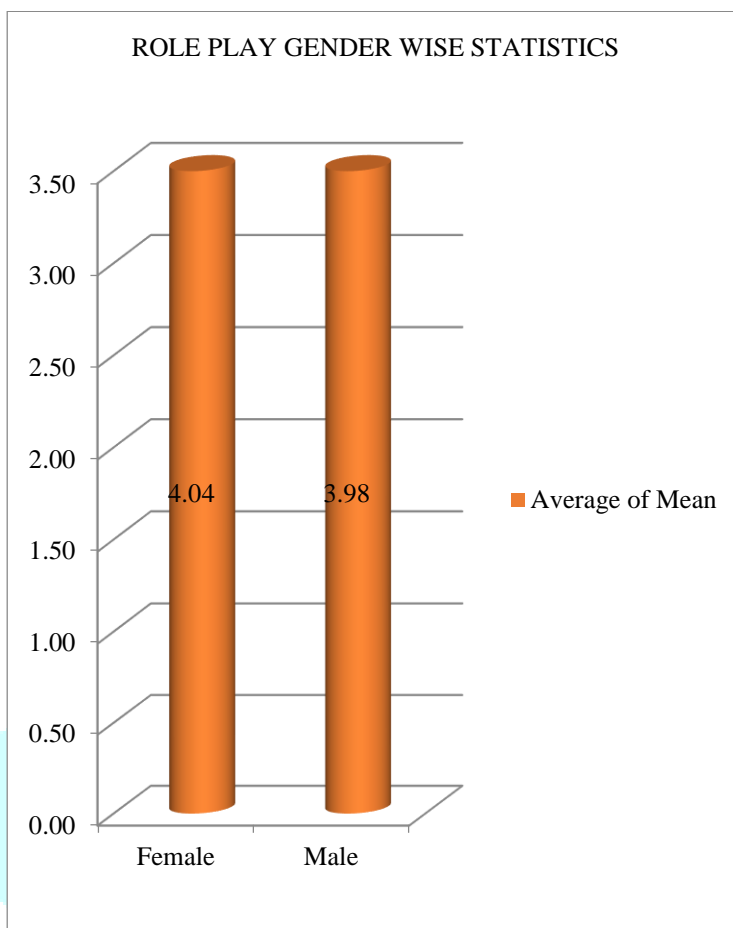
PLACE-

**Results:** 107 Homoeopathic medical students were exposed to two different types of teaching methods by using Role play and Video teaching method where the calculated value obtained is 12.037 which is more than Z table value that is 2.58 at 1 % level of significance. It shows significant difference in student’s perception and preference for role play type of teaching and recommended same in comparison with video teaching.

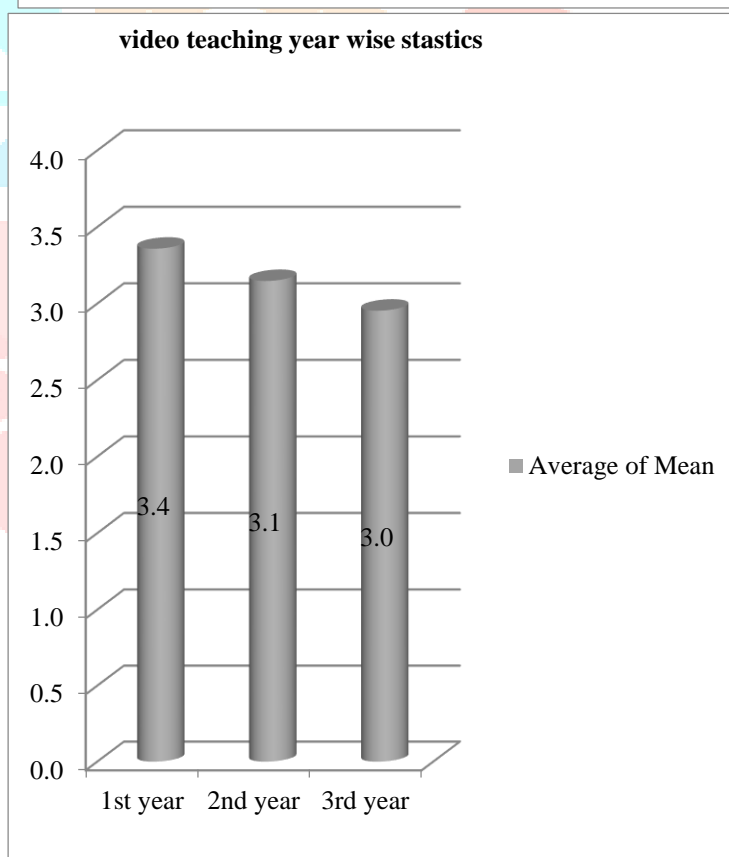
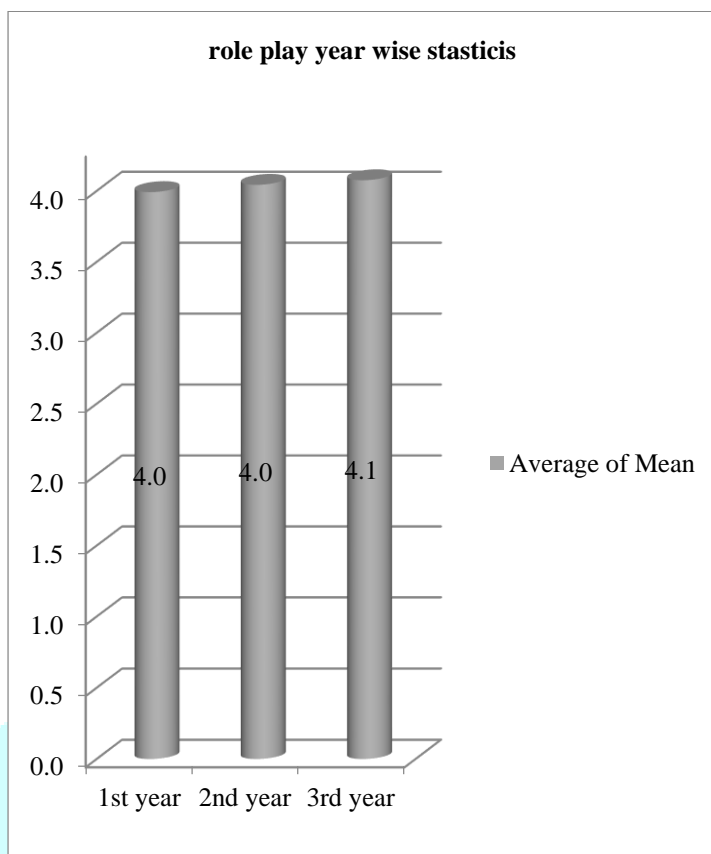


**RESULTS:1 YEAR WISE PATICIPATION**

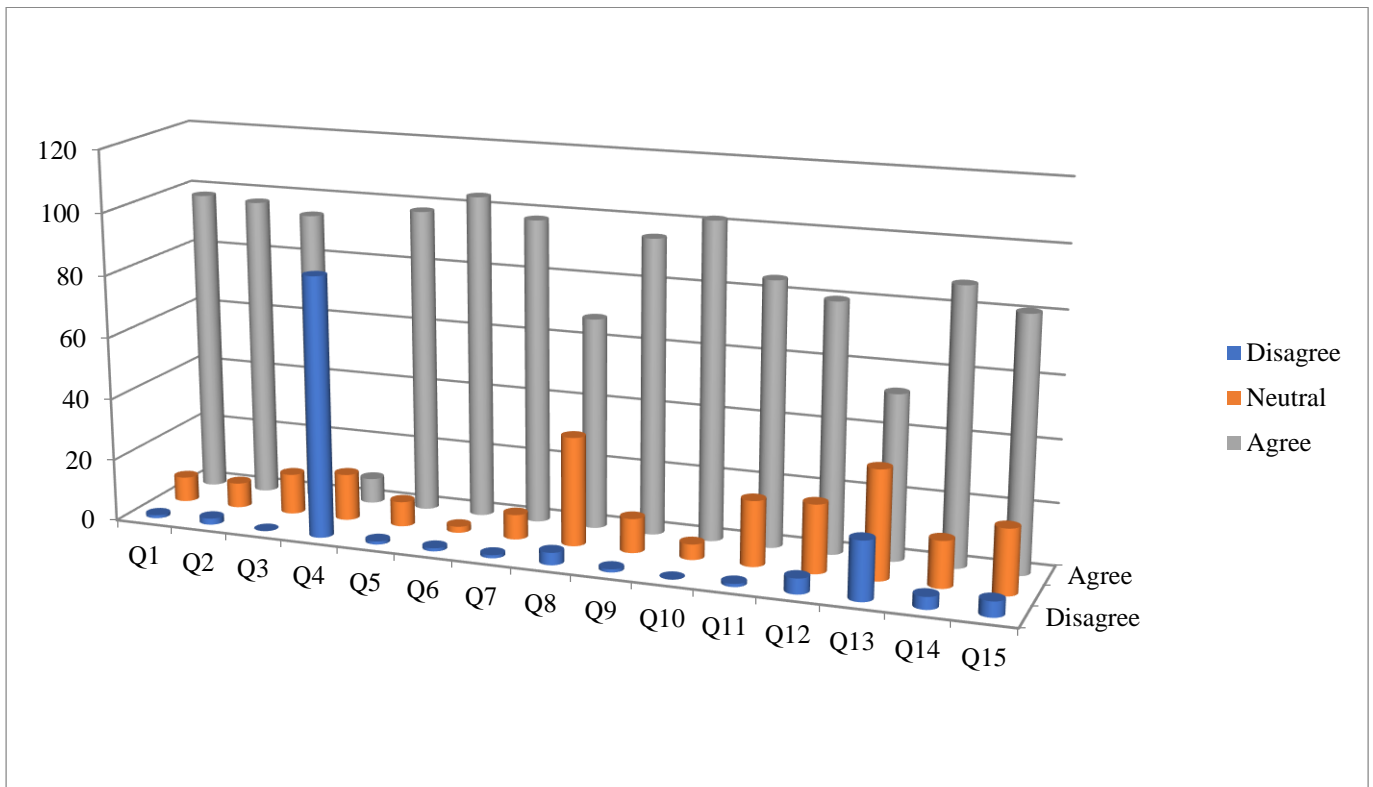




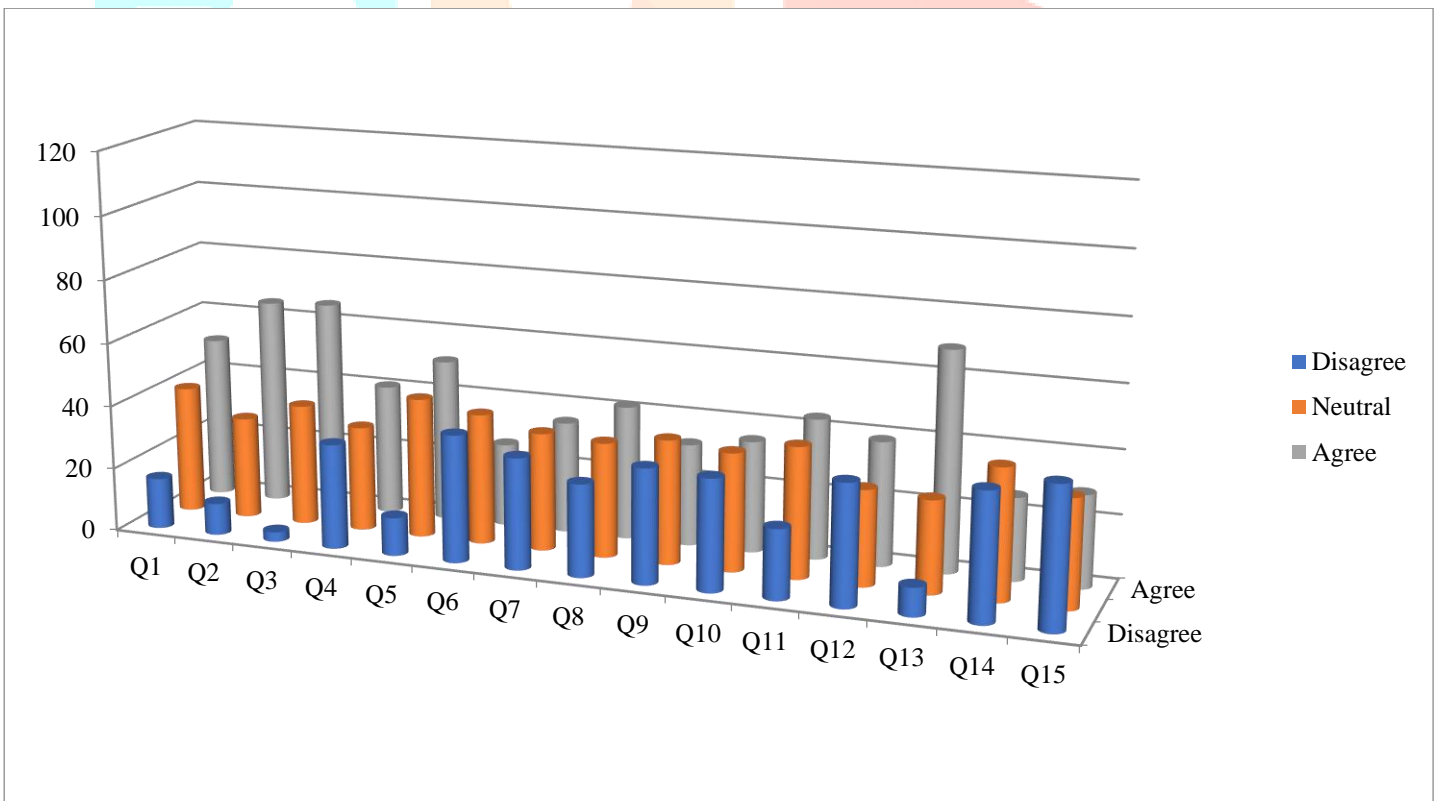
**RESULTS: 2. GENDER-WISE COMPARISON IN TWO TEACHING METHODS**



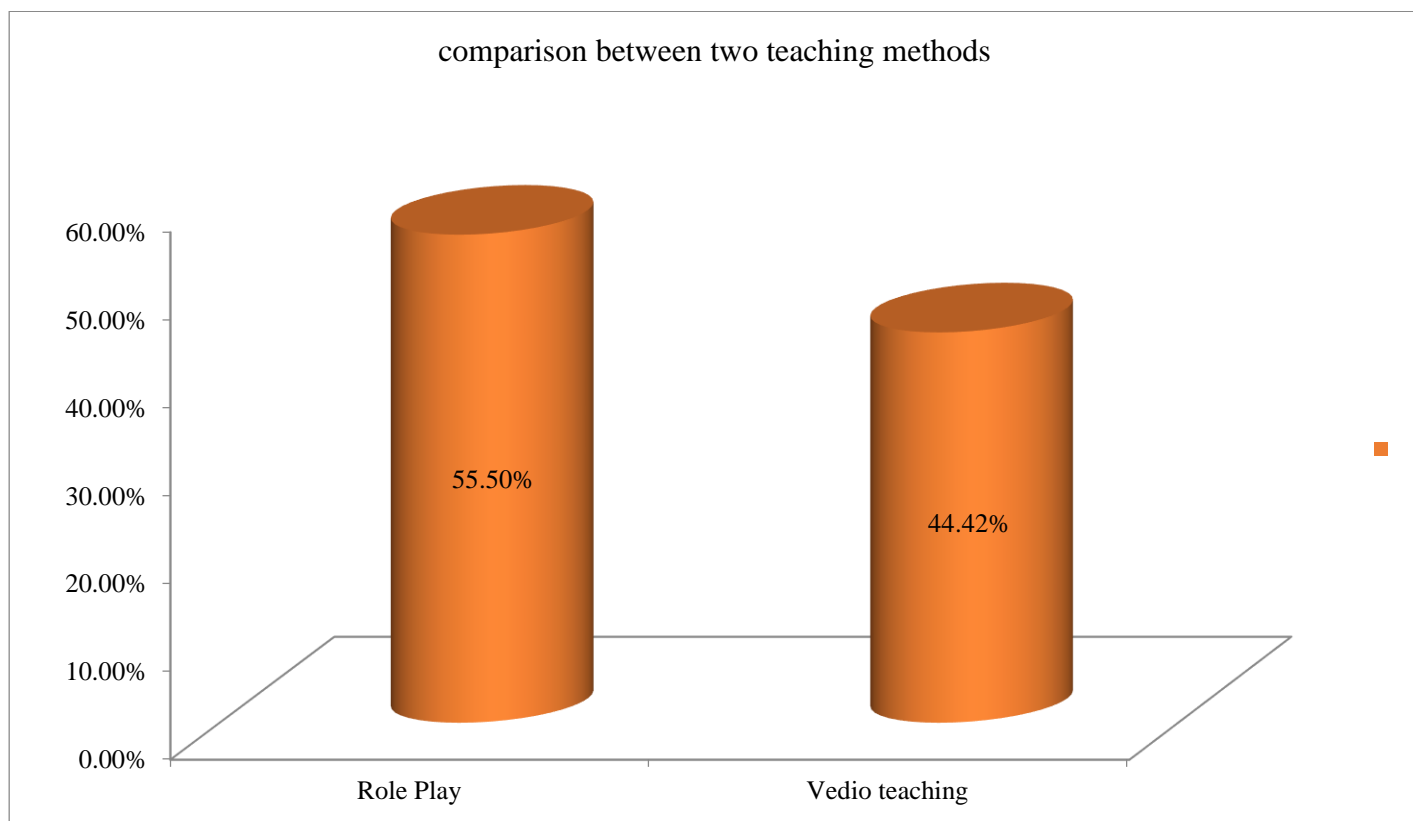
**RESULTS:3. YEAR-WISE COMPARISON IN TWO TEACHING METHODS**



**RESULTS:4. QUESTION-WISE STATISTICS ROLE PLAY**



**RESULTS:5. QUESTION-WISE STATISTICS VIDEO TEACHING**



**RESULTS:6. STUDENTS' PERCEPTION ON TWO TEACHING METHODS**

**Challenges**

faced	overcame
students' absenteeism	students conveyed to be present
keeping students attentive in video teaching	students were explained about teaching methods & feedback procedure
explaining about teaching method activity	class leaders were informed before about this activity
explaining about the feedback form	scheduling was done with proper planning

**What went well**

- Bringing new kind of teaching learning atmosphere
- Students' excitement in participation
- Led to faculty motivation.
- Students were happy about different type of teaching learning environment.

**Conclusion**

- Role play can promote and facilitate learning
- help students to retain recall the topic and apply when needed as
- it includes students' involvement.
- Female students opted for role play
- Male students opted for video teaching
- In year wise comparison all 3 years had positive response for role play whereas mixed response in video teaching.

**This study concludes that**

- Large number homoeopathic medical students preferred role play in comparison with video type of teaching
- Signifies the importance of role play as one of most important teaching method.
- This study concludes that majority of homoeopathic medical students from KLE Homoeopathic Medical College preferred role play teaching as effective teaching method in comparison with video type of teaching and also signifies the importance of Role play as one of most important type of Innovative teaching method.

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