CHAPTER-3

RESEARCH METHODOLOGY:-

RATIONALE OF THE STUDY:-

The need of the study is that when we look at the educational process as a whole, it emphasizes on the holistic development of an individual. But in present scenario due to corona virus outburst most of the educational institutions faced many challenges weather its private or government. The teachers should have to put additional efforts to incorporate online learning programmes in to the curriculum in the most suitable manner. Before making online education successful, it is the students who should have adequate facility to access digital platform for learning. And this difference may seen between government and private sector schools. Therefore here the researcher wants to find out the whole teaching-learning process and its impact on students in both the sectors through online education as well as how student's background affect the education through digital mode during this pandemic.

STATEMENT OF PROBLEM:-

The main problem of the study is to compare the quality education provided through digital platform to students during COVID-19 pandemic in both government and private schools of Cuttack district , Odisha. The researcher also wants to find out the teaching methods use by the teachers on digital platform in both the sectors and its impact on students achievement.

OBJECTIVE OF THE STUDY:-

- To compare the quality of online education of both government and private schools during pandemic in Cuttack district , Odisha.
- To find out the teaching methods used by the teachers to provide digital education to students during pandemic situation.
- To find out how the students adopt their teaching methods and its outcome in both government and private schools.
- To analyze various teacher training or experience of teachers in technological field in both government and private schools.
- To analyze students' background to access the digital platform for studying online in both government and private schools in Cuttack district , Odisha

RESEARCH QUESTION:-

- What are differences in services providing quality online education of private and government schools in terms of teaching learning process.

- What are the factors of the schools needed to add for providing quality online education.
- What are the different online tools/platforms adopted by institutions of both the sectors during COVID-19 pandemic.
- What are the different teacher training or qualification in technological field experienced by the teachers of both the sectors.
- What are the differences in background of students to access digital education in both government and private schools.

HYPOTHESIS:-

- There is no significant difference in achievements between government and private schools on the basis of online education during COVID-19 pandemic.

LIMITATION/DELIMITATION OF THE STUDY:-

The study will be delimited to the government and private schools of Cuttack city only. The researcher will collect data according to the conditioned area only.

RESEARCH METHOD-

The study will explore the difference in education provided by government and private schools through online mode in Cuttack district Odisha using mixed method research because it aims to make comparison between state government and private schools about digital learning during COVID-19 era.

TARGET POPULATION-

The study involved collection of data from different categories of respondents serving in various government and private schools located in Cuttack district, Odisha.

SAMPLING-

Sampling is an important factor which is responsible for the accuracy of the results. Convenience sampling will be adopted to collect primary data from the respondents.100 teachers and 100 students from 10 government and 10 private schools of Cuttack district , Odisha.

DATA COLLECTION TOOL-

 Data will be collected by using questionnaire. The questionnaire contained 40 items. It will be developed on the basis of 5-points Likert scale. It contain following five options:

1. Strongly agree 2. Agree 3. Neutral 4.Disagree 5. Strongly disagree