



# A Comparative Study of Functions of G.C.E.R.T. (Guj.) and S.I.E.R.T. (Raj.)

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## Abstract:

*Education helps the society to progress. Some educational institutions working at national or state level have played an important role in this progress. The working methods of two institutions, working at state level on educational research and teaching, had been compared in the present study. The information had been gathered by giving a questionnaire to the officers of both the institutions. Finding and interpretations had been gained through the percentage attained by analyzing the information. As far as the method of working is concerned, these finding were related to the publication materials, administration and teaching. Though G.C.E.R.T. had less human resources, its method of working was more effective than S.I.E.R.T. This was the main purport of this study.*

**Keywords:** G.C.E.R.T. (Guj.), S.I.E.R.T. (Raj.), method of working

## 1. Introduction

In order to bring changes in any field, knowledge of the present scenario is required. Different institutions are working in the field of education. For example, institutions like N.C.E.R.T., N.I.E.P.A., N.C.T.E. etc. are working on the national level, while S.I.E.R.T. is working on the state level. Some questions arose in the researcher's mind regarding the institution, which gave rise to new experiments in the field of education. They are given below:

- Is the state working according to the objectives of educational research and teaching centers?
- How is it working in reference to the present scenario?
- What is the difference between these institutions' working method in two states?

## 2. Objectives

Following were the objectives of present research:

1. To study working method of G.C.E.R.T. (Guj.) and S.I.E.R.T. (Raj.)
2. To compare working method of G.C.E.R.T. (Guj.), S.I.E.R.T. (Raj.)

## 3. Operational Definitions

### 3.1 G.C.E.R.T.

A state level institution, situated in Gandhinagar, Gujarat, is working for teaching and educational research. It arranges researches and teaching programs for providing qualitative education.

### 3.2 S.I.E.R.T.

A state level institution, situated in Udaipur, Rajasthan, is working for teaching and educational research. It arranges researches and teaching programs for providing qualitative education.

## 4. Method of Research

Survey method is used to fulfil the objectives of this research.

## 5. Population and sample

15 people from the educational research and teaching center of Gujarat and Rajasthan were randomly selected as a sample.

## 6. Tool

A questionnaire was formed related to the working method in the present study. It was filled by the officers of the institutions of both the states.

## 7. Data Analysis

Percentage method was used in order to analyze the obtained answers from the questionnaire in the present study.

## 8. Data Interpretation

Being qualitative data, only percentage (%) from the collective data based on multiple choice item questionnaire was calculated.

## 9. Method of working

### 9.1 Related to administration

80% members of S.I.E.R.T. believe that all the departments are working intentionally and skillfully as per the expectation of the institution. While 93% members of G.C.E.R.T. think that all the departments are working skillfully as per the expectation of the institution to fulfill the objectives. The work being done by G.C.E.R.T. is better as compared to S.I.E.R.T.

### 9.2 Related to teaching

93% members of S.I.E.R.T. are satisfied with the teaching programs, while 80% members of G.C.E.R.T. are contended with their own teaching programs, which is comparatively better than S.I.E.R.T. According to 100% members of both S.I.E.R.T. and G.C.E.R.T. institutions, their teachers have played an important role in shaping up the teaching program of their department, which is equal.

### 9.3 Related to research and innovation

As compared to other researches, researches related to teachers have been done in S.I.E.R.T. This is the belief of 47% members of S.I.E.R.T., while 47% members of G.C.E.R.T. think that student-related researches have been done more than other researches.

60% members of S.I.E.R.T., while 100% members of G.C.E.R.T. believe that people living in states are getting advantage of these researches, which has been obtained in G.C.E.R.T.

### 9.4 Related to publication

60% members of S.I.E.R.T. believe that materials published by their institution are useful, while 80% members of G.C.E.R.T. think that materials published by their institution are useful, which is seen better than G.C.E.R.T.

## 10. Findings

- Findings obtained through the comparative study of the working methods of both the institutions are given below:
- Through the comparative study of the administration related to field of both the institutions' working methods, we can get that various departments of G.C.E.R.T. are getting more facilities as compared to S.I.E.R.T.
- Through the comparative study of both the institutions' working methods related to teaching, we can get that more members of S.I.E.R.T. are satisfied with the teaching programs of their own departments than that of G.C.E.R.T.
- Through the comparative study of the institutions' researches and innovation, we can get that S.I.E.R.T. had done more number of teacher related researches than any other research, while the number of student related researches done is seen more in G.C.E.R.T.

- Through the comparative study of publication related working methods, we can get that materials published by both the institutions are obtained on time.

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