



A Study of Biology teacher's Opinion towards Curriculum of Biology Subject in Gujarat State

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Abstract:

It is no exaggeration to say that the curriculum of a country not only reflects its genius but also its ethos, philosophy, cultural heritage, as well as its concern for national development, particularly development of its most precious resource, namely the human resource. In view of this, one may assert that, policy statements of education are, by and large, statements of curriculum refers. In this context the investigator conduct a research study on teacher's opinion towards Biology curriculum.

Keywords: *Biology, Curriculum, Opinion*

1. Introduction

It has been often claimed that the destiny of a national is shaped in its class rooms. That this shaping to a great extent depends upon the kind of curriculum that a national constructs and, thereafter on the steps it takes for its proper implementation at all stages of education is hardly debatable. Thus national issues are invariably linked with both the system of education and curriculum. In the present paper investigator conduct a research study on teacher's opinion towards Biology curriculum in academic year 2012-13.

2. Purpose of the Study

To study the opinions of teachers with reference to development of curriculum in Biology subject in higher secondary schools of Gujarat.

3. Population and Sample:

The population of the present study was all the teachers of Biology at higher secondary schools of Gujarat. From the population 50 teachers were selected randomly to know opinions about changes made in curriculum at different level and their opinions were gathered to know significance of present Biology curriculum in academic year 2012-13.

4. Research Method

This study has been conducted through survey method.

5. Research Tool

Opinionnaire was constructed on the basis of different aspects of present Biology curriculum with reference to

- Content of Curriculum
- Practical Work

- Textbook
- Teaching Method/Instructional activities.
- Examination System

Opinionnaire was prepared at three point scale. It consists 20 items.

6. Analysis of the Data

In order to draw conclusions, the collected data were analyzed and presented in the form of tables. Data collected at three point scale were analyzed by using chi-square.

7. Results

- 80% percentage teachers were agreed that all the topics of the curriculum are included in the chapters.
- 66% teachers were agreed that the content is explicit and helps to develop the concept of the unit.
- 72 % teachers believed that there were no inessential topics in these chapters.
- 60% teachers believed that the sequence of the topics is logical.
- 70% teachers disagree with the statement "The content of Biology curriculum is according to the level of the students.
- 58% teachers believed that the topics of curriculum were not properly co-related with one another.
- 48% teachers believed that the sequence of different units of the curriculum is properly graded.
- 64% teachers believed that the continuity is not maintained between the curriculum of secondary and higher secondary curriculum.
- 72% teachers believed that the present curriculum develops scientific attitude in the students.
- 68% teachers believed that modern inventions are not related/included in the curriculum.
- 56% teachers believed that the practical work is related with theory and clarifying the understanding of theory.
- 58 % teachers believed that the curriculum sustains an interest in students to study Biology as a discipline.
- 62% teachers believed that the curriculum develops scientific attitudes in the students.
- 64% teachers believed that the topics which highlight the Biotechnology industry of the nation are not included in curriculum.
- 40% teachers believed that the curriculum depends the understanding of students regarding various concepts of Biology.
- 50% teachers believed that the practical work is not appropriate to develop various experimental skills in students.
- 60% teachers believed that the topics related to modern science are betterly explained.
- 78% teachers believed that the topics are included in the curriculum which creates the awareness about environmental problems.
- 64% teachers believed that the curriculum is according to the given objectives of Biology teaching.
- 80% teachers believed that weightage of marks given to each unit is balanced.

8. Conclusion

Based on the result obtained from the per-statement analysis, the following conclusions are draw.

- It was clear from the research result that the present curriculum satisfied the teacher's expectation regarding different aspects of curriculum but the constructor of curriculum should developed curriculum with reference to future's need. They have to introduce modern inventors of Biology in curriculum.
- Practical work should be weighted much more.
- Variety of instructional material can play vital role to introduce positive attitudes towards Biology curriculum.

References

1. Bybee, R. W. (2002). Scientific Inquiry students learning and the science curriculum. Arlington, VA : NSTA Press.
2. Odom, A. (1993). Action Potentials and Biology textbooks: accurate misconceptions or avavoidance ? American Biology teacher, 468-472.
3. Walton, M. (2007). Science text not always by the book, CNN, Sunday, 3 November.