

Q. No. Unit-III (11) :-

Briefly explain system approach to curriculum development.

Ans. to the Q. No. Unit-III (11) :-

Title :- 'Explain system approach to curriculum development.'

Introduction :-

In the paper - 09 i.e. 'Foundations of Curriculum Development', I got the assignment topic, 'Explain system approach to curriculum development.' Before going to discuss about this topic, first of all I want to explain the true meaning of curriculum development.

Meaning of Curriculum Development :-

Curriculum is the heart of the education. The term 'curriculum' has been derived from a Latin word 'Currere', which means 'a race course' or

or a run way on which one runs to reach a goal.

Curriculum development can be defined as the step-by-step process used to create positive improvements in the courses offered by a school, college or university. The world changes every day and new discoveries have to be roped into the education curricula. Curriculum development is a process of improving the curriculum. Various approaches have been used in developing curricula.

Now, I am going to discuss about the system approach to curriculum development in detailed.

## Main Discussion :-

### System approach to Curriculum Development :-

A system is a holistic way of viewing things. It refers to a whole, which is made up of separate parts that work in cooperation and coordination to make for efficient performance.

The educational system approach to curriculum development is based upon clearly identified and documented procedures that are designed to facilitate policy making and decision making and to ensure continuing programme improvement.

In a typical system component parts or elements are closely interrelated either directly or indirectly, and any change in one or more elements affects other elements and the overall performance of the system. However, this affect may

be either beneficial or adverse. A classic system is shown in the figure presented below :—

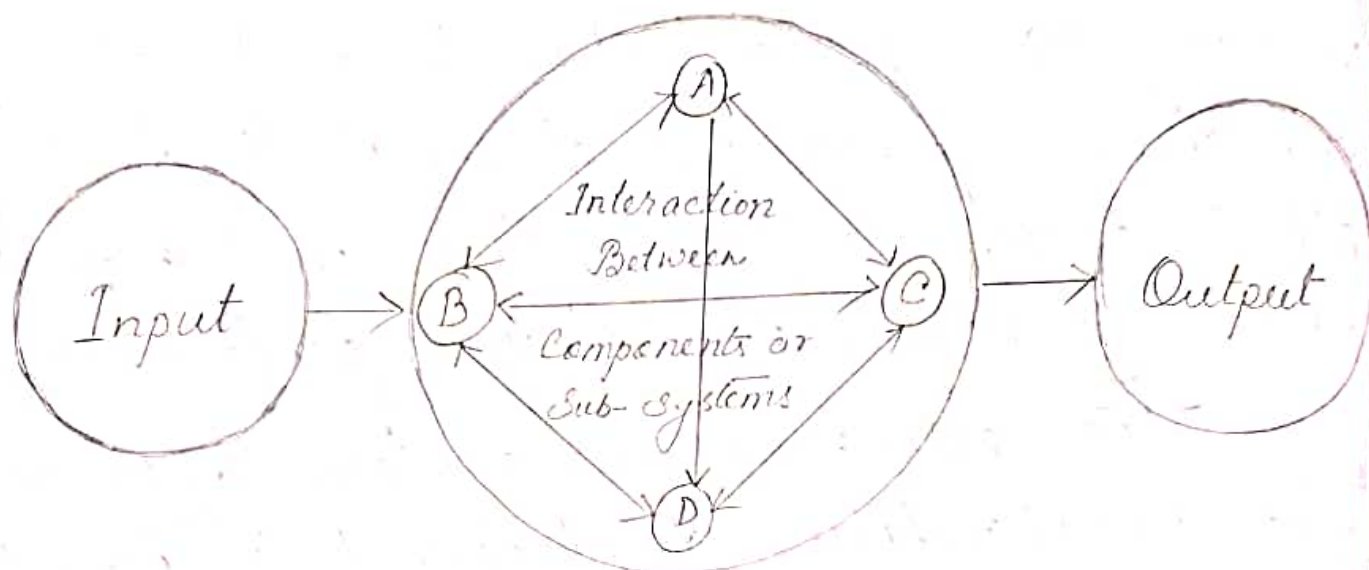


Figure: A Classic system.

The system approach was suggested for the first time as the General System Theory by Ludwig von Bertalanffy.

The systems approach originated from the computer systems has become major approach of curriculum development in recent times. In this approach, inputs are transformed into outputs through a process. Outputs may again enter into the system through a mechanism of feedback.

The process of teaching and learning can be analyzed using the systems model. The people, resources, knowledge and information may be considered as inputs to a teaching-learning system, and the performance, changed behaviour and ideas and skills as desired by the objectives of education may be considered the output of the teaching-learning system.

This approach has led to the development of system approach to curriculum design. This systems approach to curriculum development tries to design the input to a curriculum in such a way that helps the best possible acquisition of knowledge and skills through the learning process, and thereby maximize the quality of the output or produce the desired outcomes.

There are another four systems approaches to development of Curriculum are :-

(i) Behavioral Approach :-

Behavioral approach to curriculum is usually based on a blueprint. In the blueprint, goals and objectives are specified, contents and activities are also arranged to match with the learning objectives. The learning outcomes are evaluated in terms of goals and objectives set at the beginning. The curriculum implementation as evaluating the learning outcomes as a change of behaviour. The change in behaviour indicates the measure of the accomplishments.

(ii) Managerial Approach :-

The managerial approach became a dominant curriculum approach in the 1950's and 1960's. The principal

is the curriculum leader and at the same time instructional leader who is supposed to be the general manager. The curriculum manager look at curriculum changes and innovations as they administer the resources and restructure the schools.

### (iii) System Approach :-

The system approach to curriculum was influenced by system theory. In the systems approach to curriculum, the parts of the total school district or school are examined in terms of how they relate to each other.

### (iv) Humanistic Approach :-

This approach is rooted in the progressive philosophy and child-centered movement. The humanistic approach considers the formal of planned curriculum and the informal or hidden curriculum.

## Conclusion :-

In this assignment, I had discussed about the system of approaches to curriculum development.

Curriculum development can be defined as the step-by-step process used to create positive improvements in the courses offered by a school, college or university.

Thus, we can conclude as the educational development is based upon clearly identified and documented procedures that are designed to facilitate policy making and decision making and to ensure continuing programme improvement.



## Reference :-

(i) Saikia, Dr. Mukul (2016). An introduction to Curriculum Development. Panbazar, Guwahati: Mani Manik Prakash.

(ii) Mahanta, Dr. N.N and Borah, H.N (2019). Foundations of Curriculum Development. Panbazar, Guwahati: Mani Manik Prakash.

(iii) [https://reytagee92.blogspot.com/2016/11/7<sup>th</sup>-week-reflection.html?m=1](https://reytagee92.blogspot.com/2016/11/7th-week-reflection.html?m=1).

(iv) <https://tophat.com/blog/curriculum-development-models-design/>

(v) [https://en.m.wikipedia.org/wiki/curriculum\\_development](https://en.m.wikipedia.org/wiki/curriculum_development).