

University of Calcutta (4th Semester)
Core Course for
Education Honours(CC-8)
Module (EDCA-04-08-1.4)

Technology in Education
Classification and Components of
System Approach
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Unit 1

Introductory Concept

- **1.1 Concept of Technology**
- **1.2 Need and Scope of Educational Technology**
- **1.3 System Approach – Concept and Need**
- **1.4 Classification and components of System Approach**

Topic of Discussion

- **1.4 Classification and components of System Approach**

Learning Outcomes

After going through this unit , you should be able to discuss

- **Classification of System Approach and**
- **components System Approach**

Classification of System Approach

In system approach we find a group of interrelated parts or elements designed to achieve a particular goal. Here it is observed that a system always exists within an environment which provides resources as inputs into the system, and that accepts outputs of the system. A system approach is always doing something. This approach is used in different ways in different fields. Systems are of several types conceptual and physical, social and machine system.

System Approach are of several types and can be classified as follows :

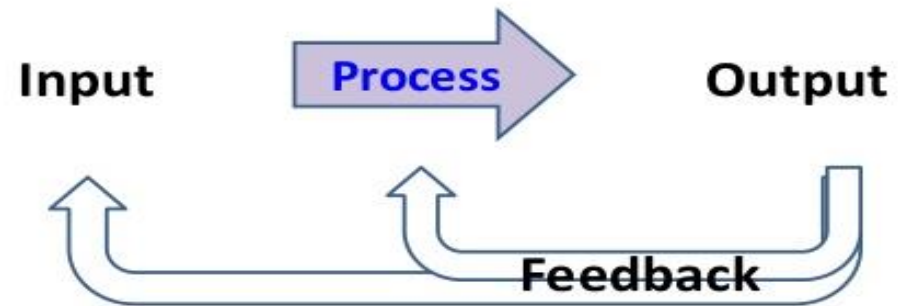
- System Approach to Organization.
- System Approach to Management.
- System Approach to Curriculum development and instruction.
- System Approach to teaching learning process.
- System Approach to framing programmes.
- System Approach to non-formal education.

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Components of System Approach

- System Approach is a systematic attempt to coordinate all aspects of a problem towards specific objectives. In the perspective of education, system is a unit as a whole incorporating all its aspects and parts namely
 - Educational objectives
 - Pupils
 - Educator
 - Content
 - Environment
 - Teaching method
 - Medium of instruction
 - Method of Evaluation.

Components of a “system”



Conclusion

In conclusion it can be said that System Approach to the design and analysis of teaching learning situations is the basis of the great majority of modern educational technology related developments.

Activities

- 1.Explain the application of system approach in Education.
- Write the classification and components of system approach.