

Role of Information in Knowledge Society

Ms. Sapna

Assistant Professor

Department of Library and Information Science

MGCU, Bihar

Disclaimer: DO NOT redistribute this material or upload on internet anywhere as this material is distributed under the fair use provision of copyright law of India, which allows use of copyrighted material for teaching and learning purposes only

1. Information for problem solving

Problem solving can be broken down into a number of separate components, each of which requires *information* and analysis:

- identification of problems
- diagnosis of causes
- identification of potential solutions
- decision for action
- monitoring and evaluation of action and outcomes

2. Information for policy-making:

- **Description** - to provide baseline data or simply a picture of how things are
- **Explanation (analytical)** - to understand why things are the way they are, what factors explain the way things are
- **Prediction** - to predict how systems will change under alternative scenarios (modelling)

-
- **Prescription and planning (decision-making)** - prescription and planning relating to changes in existing systems
 - **Monitoring and evaluation** - monitoring and evaluation of the effects of changes during and after they have been made. Investigations may be made to compare results in practice with predictions, or to monitor the effects of a policy, management technique or treatment

3. Role of Information in Government Sector

- Governments of almost all the countries of the world are the largest consumers of information and knowledge
- Government at all level needs information to run a country in a better way (education, health, industry, etc.,)
- Many welfare schemes are introduced because of information gathered at the government level (PDS, Food Security Act, MGNREGA, Yeshasvini Health Insurance Scheme, etc.,)

4. Role of Information in Socio-Economic Development

- Socio-economic indicators such as : Gross Domestic Productivity (GDP), literacy and level of employment all are identified based on the information
- To improve the socio-economic conditions of the people information is crucial
- Socio-economic Survey conducted by Planning Commission or other organization provide required data for welfare schemes
- Introduction of ADHAR card (UIDAI) is best example for the role of information in socio-economic development

5. Role of Information in R & D:

- Information is a basic unit for research
- The innovations and inventions depend on information largely
- New ideas generated through previous work (Old Literature)
- Many R & D institutions in India and across the globe have formed information centers to gather, organize and provide access to information for Example:
 - NISCAIR (National Institute of Science Communication and Information Resources)
 - ICSSR (Indian Council of Social Science Research)
 - INIS (International Nuclear Information System) of IAEA
 - AGRIS (International Information System for the Agricultural Sciences and Technology) etc.

Thank You

Stay Home, Stay Safe & Save Lives