

**Community Development Vis-à-Vis Information Science and Technology (IST):
A Perspective of Development Studies**

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Abstract: Development is an important term in most all perspective. There so many stakeholders, agencies, institutions are responsible, form community development. Information is treated as most powerful term for development. As information is required in all most all the places and institutions, thus proper and information richness helps a community or a society for true development many ways. Information Science is responsible for several information related jobs, which including information collection, selection, organization, processing and management. Information and its proper availability many ways possible healthy information science practice and that is indirectly responsible for community Development. This paper reports knowledge of Information Science and how it is essential for better information system building. Paper also mention that community and several development how related with information science. Several facets reported in this paper mainly undertaken at the SOCSAT, IEST Shibpur and at Raiganj University and also will be incorporated in the doctoral thesis of the main researcher.

Keywords: Information, Information Science, Management, Community, Community Development, Societal Progress, Information Infrastructure Building.

Introduction

Information Science or (IS) is a domain having societal touch. Internationally Information Science is responsible for several jobs like- Information systems building, Information Infrastructure Building, proper Information Dissemination System creation and so on. Information Science is actually deals with each and every ff which includes collection, selection, organization, processing and management [1, 7].

As each and every institutions of the society needs information to some extend and thus their demand is directly or indirectly fulfill by Information Science practice. The mm and informative nature of business houses, governmental houses, and academic institutions helps them for their work and modernization [2, 8]. And their proper work and functioning develop of entire community, many ways. Thus healthy and proper information systems may bring a sophisticated society and community. Virtually the position like Information Society, Knowledge Economy, many ways fulfill by the healthy information science practice [3, 9].

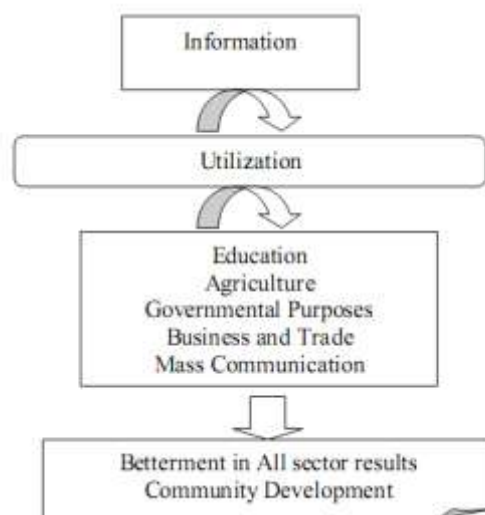


Fig-1: Showing Role of Information and sustainable development

Objectives

The main and objective of this study is includes (but not limited to-

- To learn basic about Information Science and its nature;
- To learn the relationship with information Science with Community;

- To find out the changing role of Information Science and way for development;
- To find out the stakeholders of the information Science;
- To find out main aspect on Information Divide and Digital Divide and also Information and Knowledge society and Economy.

Information Science and community

Information Science is a field of fields incorporated with so many subjects like- computer science, Information Technology, Management Science, Cognitive Science, Psychology and Operation Science and other domain [10]. But fundamentally Information Science is main task is more or less some I C – Information Collection and analyses and dissemination and for doing this job.

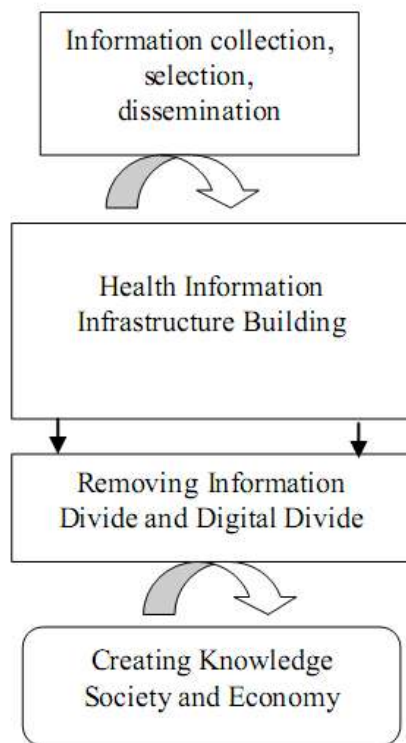


Fig-2: Showing how information is creating knowledge based society and community

Information Science is basically takes the help of above mentioned subjects. Information Science is responsible for information infrastructure building many ways and thus each and every type of institutions, organization, may fulfill the requirement of Information. So, proper information is indirectly related with healthy Information Science Practice. The digital community, Informed community and latest term digital and virtual community, Information and knowledge society, Knowledge Economy is a gift of better information Science [4, 11].

Information Science: The way for Development

Information Science is many ways responsible for better society and community. Information Science is responsible for building information system building, Information channel creation and thus indirectly building proper information transfer cycle (ITC)

Community is actually organism inhabiting a common environment and interacting with one another. Community development is actually a type of societal development through the proper community planning and modernization [5,12].

Communication plays an important role for overall connection between the various stakeholders of the society. Virtually healthy economic situation, political awareness, education are also treated as most vital facet for community development and management. And virtually each and every where indirectly we can use information.

- Still a large community does not have access of proper information and thus they treated as information illiterate. There lack of information lead disadvantages and backwardness in so many fields like Business and Commerce, Politics and Society, Education , Politics, Communication, governmental affairs and thus they are not able to run them according to time need and other ‘information literate’ or ‘information poor’ these two category are also important category in today’s age, where first category are also important category in today’s age, where first category is having all the required information and thus they can lead their life properly with sufficient knowledge of all most all the field or sector. Whereas the second category is have not category they are not able in Information access and not understand the role of information and place of accessibility and even some of them are literate thus, they are not avail the benefit of information[6, 13].

- Lack of information is a result of poor status which includes economical. Thus ultimately less information literacy also bring digital divide. Today we can see several electronic gadgets and digital weapon some of them having accessibility and facilities to get the benefit of digital weapon and some of them are not. The digital gadgets are including TV, e mail, internet, mobile phones and other device; all these devices are basically provides information or knowledge and thus promote information literacy tool [9,15].
- The higher dependencies on Information and knowledge and similar facet bring so many characteristics like dependency on information

for profession and professionals development and thus Information as a profession. The higher degree of information and its availability lead the reason for information and knowledge society [10, 13].

- The dependencies on Information and knowledge lead the cause of economical development. All most all the professional relationship with better information and knowledge and their accessibility promote their business many ways. Information and knowledge and economics brings a new concept 'Knowledge Economy' thus, economic development lead societal progress and development. So, the information may first bring information literacy then digital literacy and these two helps in better information and knowledge based community development [7, 14].

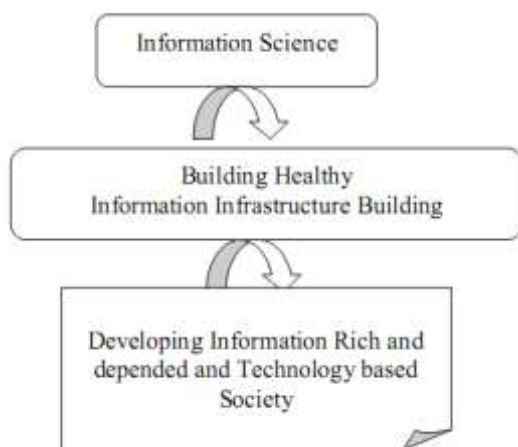


Fig-3: Showing IS and Information utilization's ultimate benefit

Suggestion

- Information and knowledge are consider as prime mover of the society and thus proper information channel creation and development is an important task;
- Government need to take proper step for information and its delivery through the information law and accessibility and thus government need to establish several information foundation such as information center, information kiosks, documentation and referral centre and so on;
- Proper awareness need to build among the common mass like information and its role, availability of information and place of availability and so on;
- Proper community-information interaction need to build by some advance electronic tool like SMS alert, HCI based web tool and so on.

Conclusion

Information and knowledge is responsible for building a healthy community development. The relationship between information-technology-community interactions is very much important to build a knowledge society and its implication with economics and business is a result of 'knowledge economy'. Technology and proper utilization is also an important facet for healthy information infrastructure. Today several information systems and units are depends on several technologies, tools and thus IT and technology enable information literature is required for better community and societal development any ways.

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