

Information Technology and Its Impact on Environment and Human Health

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ABSTRACT

Information technology is the largest source of number of useful information and guidelines for the present days. Technology is highly developed and playing vital role in each and every field. Now a days, without smartphone, the daily human life is not regularized. Present study deals with the advantages and disadvantages of Information technology and its impact on environment and human health.

KEY WORDS: - Information Technology, Environment, Human Health

I. INTRODUCTION

Now a days, the most of the most of the information required in routine work, study material can be easily available on internet and every can get it even if on their smart phone which is due to the fast growth/development of information technology. The ministry of environment and forest and government of India have created environment information system. The number of different centers are set up in different organizations for information collection, storage and work towards the environment.

II. DISCUSSION

In present study here we are discussing the impact of information technology mainly on 1) Role of technology in environment and 2) Role of technology in human health

1) Role of Technology in Environment:

Information Technology provides a useful information of atmospheric phenomena like monsoon, ozone layer depletion, inversion phenomena, smog etc. We are able to discover many new reserves of oils, minerals and many information with the help of information generated by remote sensing satellites. Different geographical maps containing a digital information on a number of aspects like a water resources, industrial growth, human settlements, road network, soil type, forest land, crop land or grass land etc. to see the present position in the

forest areas. Satellite images provides as actual information about various physical and biological resources and changes in atmosphere. It also provides information to some extent about their degradation.

2) Role of Technology in Human Health:

In present days the new disease and virus is seen in last two to three years. Information technology is playing a major role in bioinformatics, genome sequencing, biotechnology, genetic engineering, online medical transcription and in maintaining DTA database for a better human health. It also helps in identifying several diseases, infected areas which are prone to some vector born disease like Malaria and Schistosomiasis etc.

The newly develop DNA bar coding, DNA finger printing, different type of color sonography, plastic surgeries, forensic science and number of new inventions which play the important role in developing medical technology and human health. Recently a new American Company M- Square started home medical transcription system under which a medical online service can be started from home. In our country the company like Tata 1mg, pharm easy also provides the same facility. But it is necessary to be careful about misuse of technology specially in children like playing games, unsafe apps and vulgar information through you tube.

III. CONCLUSION

As we can see, in present days the information technology is rapidly growing in each and every sector of development especially in the environment and human life with increasing applications and providing new sources with an effective role in education, management and planning in each and every field. It also becoming most useful in government officials for day to day information and data storage. So, it is essential for we people to become ecofriendly with information technology and its current developed technology.

IV. REFERENCES

- [1]. <http://himachalpradesh.psnotes.com>
- [2]. <http://getreferralmd.com/2014/03/top-5-tools-health-administrators/>
- [3]. <http://ecourseonline.iasri.res.in>