



## Guru Jambheshwar University of Science & Technology

### **MCA-306: Social Implications of Information Technology**

**Total Marks :50**

**External : 35**

**Time : 3 Hour**

**Internal : 15**

The objective of this course is to enable the students to debate on Social dimensions of Information Technology. The debates includes social, economic, political and cultural implications of Information and Communication Technologies.

**Note :** Examination will have two sections. In the first section, the examiner is requested to set five questions each of marks 10. A candidate is required to attempt any three questions from this section. In the second section, which is compulsory, the examiner is requested to set three topics on the current debates on social implications of Information Technology for essay writing. The candidates are required to write an essay of approximately 1000 words on any-one of the topics. The essay will be of 20 marks.

**Introduction :** Importance of social dimensions of science and technology, perspectives on technology and society, debate over the social implications of information and communication technologies.

**Information politics in digital age :** How do social and technical choices reshape access to people, services and technologies. Influencing factors such as geography of access, the architecture of networks, the power of receivers and senders and control over the content.

**Perspectives on role of IT :** Focus on alternative ways in which IT professionals, Social scientists and others have thought about their social and economic role.

Information Technology and the reach of boundaries of business and management, Redesigning of work place, The intelligence household, IT in learning and education.

Debates on digital divide, Privacy and surveillance in everyday life and impact of IT on culture.

**Note : Maximum Marks:-100**

( **70% Marks** will be awarded by the University & **30% Marks** will be awarded by Institute )

**References :**

1. Dutton, W.H. "Society on the line: Information politics in digital age", Oxford University Press, 1999.
2. Castells M., "The Internet Galaxy" Oxford University Press,
3. Teich, A.H., "Technology and the future", 8th edition, Newyork s1. Martin press.

**Useful Internet sites:**

<http://www.alteich.com>

<http://www.students.ou.edu.C/Kara.C.chiodo-1/orwell.html>