CHAPTER 13

INFORMATION TECHNOLOGY

13.1 In less than two decades, advances in information technologies have revolutionized government, scientific, educational, and commercial infrastructures. Powerful personal computers, high-bandwidth and wireless networking technologies, and the widespread use of the Internet have transformed stand-alone systems and predominantly closed networks into a virtually seamless fabric of interconnectivity. During this period, Indian IT industry has also built up an enormous confidence for itself in the global markets. The IT and IT enabled services (ITeS) sector are giving India the image of a young and resilient global knowledge power. The IT-ITeS industry has four major sub-components: IT services, business process outsourcing (BPO), engineering services and research and development (R&D), and software products.

13.2 India is considered as a pioneer in software development and a favourite destination for IT-enabled services. The Indian IT-BPO sector including the domestic and exports segments continue to grow from strength to strength, witnessing high levels of activity both onshore as well as offshore.

13.3 The Indian Information Technology (IT) – Information Technology Enabled Services (ITES) sector has registered tremendous growth over the past decade, achieving iconic status all over the world and a reputation for reliable and cost-effective delivery of IT services. The major developed markets are sourcing IT-ITES from India to gain bottom-line benefits, improving their competitive edge

13.4 Sources of information for IT Sector: Certain data, in particular, data on the telecommunication sector, the IT industry and business process outsourcing (BPO) and data on the information society at large, are produced on a regular basis. A significant amount of data exists on the IT service industry, collected by **National Association of Software and Services Companies (NASSCOM)**, reflecting their members' data. In India, the indicators related to workforce, value added, imports & exports respectively are not strictly measured as per the International Standard Industrial Classification (ISIC).

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1	13.1	Electronics & IT Production (Financial Year)
2	13.2	Electronics & IT Exports (Financial Year)

Source & References:

- Electronics and Information Technology, Annual Report: (2015-16), Ministry of Communications & I T.