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| **SESSION** | **MARCH 2023** |
| **PROGRAM** | **MASTER OF BUSINESS ADMINISTRATION (MBA)** |
| **SEMESTER** | **III** |
| **course CODE & NAME** | **DITF303 & Technology Management** |
| **CREDITS** | **4** |
| **numbers OF ASSIGNMENTS & Marks** | **02**  **30 Marks each** |

**Assignment Set – 1**

**1. Explain the purpose of technology management in any industry or firm. Also, discuss the formal process framework for effective technology management**

**Ans 1.**

**Purpose of Technology Management:**

Technology management refers to the design, planning, implementation, monitoring, and control of technological systems, strategies, and policies within a company. It plays a vital role in modern businesses due to the following reasons:

**Improving Operational Efficiency:** Through proper technology management, businesses can

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**2. Discuss technology forecasting. How it is important for any enterprise for competing in the market?**

**Ans 2.**

**Technology Forecasting**

In this age and time Technology plays a pivotal role for any business, government and society. In the developing and underdeveloped countries developing and utilizing technology capabilities is lacking and thereby making them technologically backward. At the same time, there is a swift progress in technology and the technologies that are

**3. Give contrast to technology adaption, absorption, and diffusion. Give an example of technology package while acquiring a technology**

**Ans 3.**

**Technology Adaption**

Technology Adoption is the initial decision or action by an individual or organization to utilize a new technology or system. Adoption is generally the first step in the larger process of technological integration. This is when the technology is first introduced to an individual, group, or organization and they decide to implement it.

For example, a company may decide to adopt a new project management software to increase

**Assignment Set – 2**

**1. Explore the rationale behind the practice of technology transfer. Describe in detail the process that will be used to transfer the technology.**

**Ans 1.**

Technology transfer refers to the process of moving technological advances from research environments to commercial markets, with the goal of bringing new products and services to the public. This process is fundamental in the development of new businesses, economic growth, and improved societal welfare. It fosters innovation, drives competitiveness, and promotes knowledge and skill dissemination among

**2. If you have access to a particular piece of technology, how do you plan to evaluate it in terms of how it will affect the productivity of any given organization?**

**Ans 2.**

Evaluating a piece of technology's potential impact on an organization's productivity involves a comprehensive examination of various key areas. Here are several steps to undertake in this process.

**Define the Evaluation Criteria:** Start by determining the exact productivity metrics the

**3. Provide an overview of the progression of technology for any organization. Also, discuss the major factors that had an impact on the development of the technology.**

**Ans 3.**

The progression of technology within any organization is typically an evolutionary process, responding to the changing demands of the market and the growth of innovative possibilities. For illustration purposes, let's consider the technology evolution in a hypothetical leading global retail company, "RetailX".

In the initial years, RetailX relied heavily on traditional paper-based operations and