MS Project Management

Mission

The objective of the program is to cultivate individuals who possess the expertise to effectively lead, oversee, and employ decision-making abilities in accordance with contemporary project management methodologies.

Introduction

The MS Project Management program provides extensive instruction in various aspects of project management, encompassing project schedule, cost, resource, scope, quality, procurement, communications, risk, and stakeholder management. This program aims to foster the growth of leadership, business acumen, and project management skills essential for individuals aspiring to become proficient project managers or valuable project team members. The primary focus of this program lies in cultivating a comprehensive understanding of the theoretical and technical facets of the project management discipline.

Objectives of the Program

The emphasis of this program will be developing broad and coherent theoretical and technical knowledge of the project management discipline.

1. To equip students with research skills to make rational project.
2. To develop a comprehensive academic and applied understanding of project management as a field of study.
3. To enable all participants to recognize, understand and apply the language, theory and models of the field of project management.
4. To develop effective management and communication skills using modern tools.
5. To show professional integrity and commitment to social and ethical responsibilities.

Reasons for Establishing the Program

According to PMI's Project Management Talent Gap Report, there will be a global demand for 15.7 million new project management roles across seven project-intensive industries by 2030. This indicates a significant need for educational programs that offer project management training. The projected job growth in this field will contribute to a substantial expansion of the project management profession's economic impact. This remarkable growth presents a valuable opportunity for academics across various disciplines to enhance their knowledge base and incorporate project management courses into their offerings.

It is highly likely that employers will seek out students who possess competent project management skills. In light of this, PMI, as the world's largest association for the project management profession, emphasizes the importance of project management professionals taking a leadership role in advocating for the development of project management curricula at the graduate and post-graduate levels.

Program Learning Outcomes

The objectives of the program are as follows:

1. Develop a comprehensive understanding of the Project Management lifecycle and gain practical experience in project planning, organizing, and controlling.
2. Acquire proficiency in utilizing the best tools, techniques, and practices to effectively develop and manage cost baselines, leading to improved cost and schedule performance and minimized risk.
3. Recognize the significance of ethical conduct within the project environment and the role of ethically strong professionals in managing all project stakeholders.
4. Cultivate effective leadership and communication skills while adhering to the code of conduct defined by international standards organizations.
5. Attain expertise in creating innovative programs and projects that generate value, employing tools and techniques within the framework of project management knowledge areas, and contributing to the existing knowledge base.
6. Demonstrate proficient problem-solving, research, and analytical skills that enable informed decision-making, fostering a sustainable competitive environment by leveraging contextual knowledge and understanding operational drivers and strategic management principles.
7. Develop an understanding of industry standards of quality and effectively apply them in project design and implementation.
8. Equip project management professionals with contemporary knowledge, tools, and techniques, enabling them to become catalysts for change and contribute to a better and improved economy.

Project Management Careers

Project management offers diverse career opportunities across a wide range of industry domains, such as:

- Information technology, engineering, and construction
- Life sciences and healthcare
- Business, government, defense, and aeronautics
- Arts, media, sports, hospitality, and event management
- Logistics, transportation, and supply chains
- International development

Experienced project managers can find employment either within organizations or as consultants. There is a multitude of job titles available, including IT project manager, construction project manager, engineering project manager, and many others.

Admission Requirements and Eligibility Criteria
As per Admission Advertisement.

Selection Criteria
Admission will be based on Test (Test 60%, previous qualification 40%).

Scheme of Studies for

MS in Project Management

Summary	
Four Core Courses	12 Credit Hours
Four Elective	12 Credit Hours
Non credit course	03 Credit Hours
Project	06 Credit Hours
Total:	**30 Credit Hours**

Core Courses

S.NO	COURSE TITLE	Cr. Hours
1.	Project Life Cycle and Integration Management	3
2.	Project Constraints Management	3
3.	Project Risk Management	3
4.	Managing Research Projects	3
5.	Advanced Quantitative Techniques	3

Elective Courses

S.NO	COURSE TITLE	Cr. Hours
1.	Elective I	3
2.	Elective II	3
3.	Elective III	3
4.	Elective IV	3
5.	Elective V	3

Elective Courses (Any Five)

S.NO	COURSE TITLE	Cr. Hours
1.	Public Sector Project Management	3
2.	International Project Management	3
3.	Project Portfolio Management	3
4.	Multiple Project Management	3
5.	Project innovation and Technology Management	3
6.	IT/Software Project Management	3
7.	Seminar in Project Management	3
8.	Project Leadership and Change Management	3
9.	Managing Engineering Projects	3
10.	Managing Construction Projects	3
11.	Project Stakeholders Management	3
12.	Project Financials Management	3
13.	Managing Telecommunication Project	3
14.	Project Management Standards and Ethics	3
15.	Business Process Reengineering	3
16.	Knowledge Management	3
17.	Software Project Management Tools	3
18.	Project Procurement and Contract Management	3
19	Final Project	6