

ANNEXURE - III

Model Curriculum - Job Code 5

Job Code: IBSC / BME / 05

Qualification Title: “Certificate in Biomedical Project Management”

Occupation(s) to which the qualification give access: Project Manager

Course Curriculum:

PM01: Basic Concepts & Application of Project Management

PM02: Project Modelling and Management with Applications in MS – Project

PM03: People Management in Projects

PM04: Scope Management

PM05: Applying Project Management Principles to Biomedical Industry

Module Overview:

PM01 Basic Concepts & Application of Project Management

- What is project management
- Why is project management Important?
- Different phases of project management
- Unique Challenges in the Project Management Environment
- Tools and Steps in Project Planning
- Frameworks for Project Management (Agile, PRINCE2, PMBOK)
- CPM & PERT

PM02 Project Modelling and Management with Applications in MS – Project

- Project Management Simulation Exercise – Scope, Resources & Scheduling
- An Introduction to MS-Project
- Interpreting the output of an MS-Project Report
- Applications to Technical Scheduling and Resource Scheduling

- Resource Levelling
- Tracking and Monitoring Project Progress

PM03 People Management in Projects

- Stakeholder Analysis & Management
- Manpower Planning & Staffing in Projects
- Managing Teams in Projects
- Performance Assessment & Evaluation of Project Teams

PM04 Scope Management

- How to plan scope
- Collect requirements
- Define scope, create WBS and work packages

PM05 Applying Project Management Principles to Biomedical Industry

- Applying the principles of project management in new product development
- Stage gate fundamentals
- Stage gate process

Certificate in Biomedical Project Management - Career Graph

