SEMESTER CREDIT STRUCTURE & PROGRAM CONTENT IN DETAIL

6.0 Semester Credit Structure

Semester	Modules	Instructor Led Class Hours	Self-Learning Modules	Total Learning Hours	Total Assessment Marks	Credits
1	Business Model & Organization Design	30 Hours	15 Hours	45 Hours	Total 100 Marks. 60 Marks for End Semester Assessment. 40 Marks for CIA.	4
2	Data Analytics	30 Hours	15 Hours	45 Hours	Total 100 Marks. 60 Marks for End Semester Assessment. 40 Marks for CIA.	4
3	Business Analytics	30 Hours	15 Hours	45 Hours	Total 100 Marks. 60 Marks for End Semester Assessment. 40 Marks for CIA.	4
4	Database Management	30 Hours	15 Hours	45 Hours	Total 100 Marks. 60 Marks for End Semester Assessment. 40 Marks for CIA.	4
5	Data Analytics with Python & Strategic Six Sigma	30 Hours	15 Hours	45 Hours	Total 100 Marks. 60 Marks for End Semester Assessment. 40 Marks for CIA.	4
6	Business Ethics and Compliance	30 Hours	15 Hours	45 Hours	Total 100 Marks. 60 Marks for End Semester Assessment. 40 Marks for CIA.	4
	Project Life Cycle and Live Modelling	4 Hours	30 Hours	24 Hours	Project Assessment. Total 100 Marks	2
					Total	26 Credits

Instructor Led Class Hours: Includes class room live demonstrations, practical applications & tools exposure and experiential case studies learning.

Self-learning: Includes Learning Videos and relative Material reference learning and off class room assignments.

7.0 Program Content in Detail:

- **Semester I**
  - Business Model.
    - Fundamentals of Business Model.
    - Business Segmentation.
    - Classification of Business Structure
  - Organization Design.
    - Elements of Organization Design.
    - Chain of Command.
    - Span of Control
    - Centralized Organization & Decentralized Organization
    - Specialization
    - Formalization
    - Departmentalization
    - Types of Formal organization Design and Structure

Exposure to Case Studies, real-time examples and live correlations.

- **Semester II**
  - Data Analytics.
    - Data Analytics Overview.
    - Dealing with Different Types of Data
    - Data Visualization for decision making
    - Data Analytics in Different Sectors
    - Analytics Frame work and Latest Trends

Exposure to Case Studies, real-time examples and live correlations.

- **Semester III**
  - Business Analytics with Excel.
    - Introduction to Business Analytics.
    - Conditional Formatting
    - Pivot Tables
    - Dashboarding
    - Data Analysis with Statistics

Exposure to Case Studies, real-time examples and live correlations.

- **Semester IV**
  - Database Management
    - Data Types
    - Data Queries.
    - SQL RDBMS Concepts
    - Sub Queries
    - Data Manipulation Statements
    - Control User Access
    - Management of Schema Objects
    - Manipulate Large Data Sets

Exposure to Case Studies, real-time examples and live correlations.

- **Semester VI**
    - Business Ethics and Compliance
    - Real Time Data Analysis
    - Project Life Cycle Live Modeling

Interview Preparation.

Personal Profile, design and development.

Mock Interviews.

Reference Books:

- Data Analysis and Business Modelling Using Microsoft Excel- by Manohar Hansa Lysander
- Data Analytics: Principles, Tools and Practices (English, Paperback, Chitra Lele Dr. Gaurav Arora)
- Business Strategy Essentials by Vibrant Publications.
- Our Inhouse materials packaged with all tools reference guide.
- Our Corporate Case Studies from real-time business production, business expansion, and improvement challenges scenarios across industries.
  and Business Tools.(R and Python, Microsoft Excel, Tableau, SQL and More)