

Syllabus for Koshy ~ MBA

Main Objective:

To create a cadre of Supply Chain professionals through professional education and training in advanced areas of Logistics & SCM. Especially designed for MBA students and corporate professionals, the end-objective is to create corporate-ready Supply Chain Analysts

Duration:

3rd semester Add-on Approximately 30 hours

Add-on Syllabus

1. International Trade Growth & Milestones
2. Elements of International Logistics
3. International Commercial Terms - understanding the rules/INCOTERMs strategy
4. Risks in International Transactions and Alternative Payment Mechanisms/Letters of Credit
5. Risk Management & Insurance
6. Foreign Trade Policy & procedures
7. Information Technology in Logistics
8. Supply Chain Planning and Optimization
9. Reverse Supply Chain
10. Performance Measurements and Controls



VALUE ADDED PROGRAMME
DATA ANALYSIS TECHNIQUES USING ADVANCED EXCEL
DURATION : 30 HOURS



SYLLABUS

Excel Introduction
Customizing Excel
Formatting and Proofing

Using Basic Functions
Sum, Average, Max, Min, Count
Absolute, Mixed and Relative Referencing

Mathematical Functions
Sumif, Sumifs, Countif, Averageif, Averageifs

Text Functions
Upper, Lower, Proper, Left, Mid, Right
Trim, Len, Exact, Concatenate
Find, Substitute

Date and Time Function
Today, Now
Day, Month, Year
Date, Date if, DateAdd, Weekday

Protecting Excel
Advanced Paste special Techniques

Sorting and Filtering
Filtering on Text, Numbers and Colors
Sorting Options
Advanced Filters

Printing Workbooks
Setting up Print Area
Customizing Headers and Footers
Designing the structure of a template



ADVANCED EXCEL



What if Analysis

Goal Seek, Scenario Analysis, Data Tables, Solver tool

Logical Functions

IF Function, How to Fix Errors – If Error, Nested If, Complex if and OR Functions

Data Validation

Number, Date and Time Validation

Text and List Validation

Custom validations based on formula for a cell

Dynamic Dropdown list creation using Data Validation – Dependency List

LookUp Functions

Vlookup / HLookup

Index and match

Creating Smooth User Interface Using Lookup

Nested Vlookup, Reverse lookup using Choose Function

Worksheet linking using indirect

Vlookup with Helper Column



Pivot Tables

Creating Simple Pivot Tables

Basic and Advanced Value field setting

Classic Pivot Table

Grouping based on Numbers and Dates

Calculated Fields and Calculated Items

Arrays Functions

What are the Array formulas, use of the Array Formulas?

Array with if, len and mid Functions formulas

Array with Lookup Functions

Advanced use of formulas with array

Charts and Slicers

Various Charts ie Bar/Pie/Line

Using Slicers, Filter data and Slicers

Manage Primary and Secondary Axis

