



Department of Logistics Management
Alagappa University

[Accredited with A+ Grade by NAAC (CGPA: 3.64) in the Third Cycle]
[Graded as AUTONOMOUS, CATEGORY - 1 University by MHRD/UGC]
Karaikudi - 630 004.

Ref: Rc.R2/PhD/Entrance Exam/2018 dt. 07.12.2018

[Letter from Dean (Research), Alagappa University]

Ph.D. in Management

Specialisation : Logistics Management

Pre Ph.D. Entrance Examination (From Aug. 2019 onwards)

SYLLABUS

Unit - I

Logistics Management and Supply Chain Management - Definition, Evolution, Importance. The concepts of logistics. Logistics relationships. Functional applications - HR, Marketing, Operations, Finance, IT. Logistics Organization - Logistics in different industries

Unit - II

Logistics Activities: - functions, objectives, solution. Customer Service, Warehousing and Material Storage, Material Handling, order processing, information handling and procurement Transportation and Packaging. Third party and fourth party logistics - Reverse Logistics - Global Logistics

Unit - III

Fundamentals of Supply Chain and Importance, Development of SCM concepts and Definitions Supply chain strategy, Strategic Supply Chain Management and Key components. Drivers of Supply Chain Performance - key decision areas - External Drivers of Change.

Unit - IV

Modelling logistics systems - Simulation of logistic systems - Dimensions of Logistics & SCM - The Macro perspective and the macro dimension - Logistic system analysis strategy, Logistical Operations Integration, Customer service - Supply Chain Relationships

Unit - V

Types, Process & Design of Research: Meaning - Importance- Types of Research - Pure & Applied, Historical & Futuristic, Analytical & Synthetic, Descriptive & Prescriptive, Survey & Experimental, Qualitative & Quantitative and Case & Generic Researches - Process of research - Research problem - Identification, selection and formulation of research problem - Review of literature- Research Gaps and Techniques - Hypothesis -Types and Formulation.