Preface
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This thesis entitled “CONSTRUCTION AND SELECTION OF DEPENDENT MIXED SAMPLING PLANS” is the result of an investigation carried out by me in the Department of Statistics, PSG College of Arts and Science, Coimbatore - 641 014. The material is presented in seven chapters.

Chapter I describes the purpose of designing sampling plans, review of designing sampling plans and its methodologies.

Chapter II gives a brief survey of the relevant background material on which the work is based.

Chapters from III to VI portray the studies and results of my investigation.

Chapter III describes Dependent Mixed Sampling Plan with Single Sampling Plan as attribute plan indexed by AQL, IQL and LQL.

Chapter IV describes Dependent Mixed Sampling Plan with Double Sampling Plan DSP(0.1) as attribute plan indexed by AQL, IQL and LQL.

Chapter V studies Dependent Mixed Sampling Plan with Chain Sampling Plan-1 (ChSP-1) and Chain Sampling Plan-2 (ChSP-2) as attribute plan

Chapter VI elaborates Dependent Sampling Plans with Six Sigma as attribute plan.

In Chapter VII Summary and Conclusion are presented.

This Humble Thesis is tremendously committed and exclusively dedicated to all My Teachers.

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