CONTENTS

Preface ........................................... 1
List of Tables ..................................... vi

CHAPTER I: INTRODUCTION AND STATEMENT OF THE PROBLEM

Energy consumption and per capita income - Importance of petroleum to developing countries - The Indian scene - Hypothesis and plan of work - Sources of data.

CHAPTER II: CONSUMPTION OF ENERGY AND ENERGY RESOURCES IN INDIA

Energy consumption in India - Composition of energy - Sector-wise consumption of commercial energy in India - Forecasts of Energy requirements - Energy resources of India, coal, oil and natural gas, hydro-electricity - Non-commercial energy, fuel wood, cow-dung, vegetable wastes - Non-conventional energy sources.

CHAPTER III: OIL IN THE ENERGY SECTOR AND FACTORS GOVERNING DEMAND FOR OIL IN INDIA

Composition of commercial energy - Factors affecting the consumption of oil in India, substitutes for oil, transport policy, choice of feed stock for fertiliser - Oil consumption in future.

CHAPTER IV: GROWTH OF PETROLEUM INDUSTRY IN INDIA

CHAPTER V: ECONOMIC CHARACTERISTICS OF PETROLEUM INDUSTRY

Capital intensity - Increasing cost - Economies of scale in downstream operations - Nature and pattern of demand for petroleum products - Risk and uncertainty at the stage of production - Joint products - Competition from other sources of energy - Storage - Concentration and vertical integration - Non-renewability of raw materials.

CHAPTER VI: PRICING OF PETROLEUM PRODUCTS IN INDIA

Theory of oil pricing - Pricing of oil in India - Pricing of crude oil in the past - Alternatives in the pricing of indigenous crude - Marginal cost pricing - Cost plus - pricing of petroleum products - Valued stock Account Formula - Cost plus pricing.

CHAPTER VII: TAXATION OF PETROLEUM PRODUCTS

Important taxes levied on petroleum industry - Incidence of tax - Sales tax - Taxation and objectives of National oil policy - Effects on public transport and employment.

CHAPTER VIII: THE INTERNATIONAL OIL CRISIS

Background of the oil crisis - Oil companies - Posted prices - Formation of OPEC - Effects on international trade - Effects on oil rich developing countries - Effects on oil importing industrialised countries - Effects on importing developing countries - Effects on communist countries.
CHAPTER IX: IMPACT OF OIL CRISIS ON INDIA

Oil imports - India's balance of trade - Exports - Substitution of other fuels for oil in transport, domestic sector - Increased oil production - Need for a comprehensive National energy policy for India.

CHAPTER X: CONCLUSIONS : IMPLICATIONS FOR POLICY


APPENDIX : Supplementary Tables

BIBLIOGRAPHY