PREFACE

The thesis makes a maiden attempt to quantify the interdependence of sectoral output and prices between two regions - Assam and the rest of India. There is a common impression that the economy of Assam is very sensitive to the changes in output and prices in the rest of India and vice versa. This common impression of interdependence has so far not been empirically studied and quantified.

Two mathematical models have been developed in this thesis - one for the analysis of interdependence of output and the other for the analysis of interdependence of prices. So the whole thesis can be classified into two broad part. One part shows the interdependence of output and the other part deals with the interdependence of prices. For this purpose, inter-regional input - output system has been adopted here.

The thesis consists of seven chapters.

Chapter - I exposes the basic features of the economy of Assam - natural resources, population growth, State income, infrastructural development and trading dependence. In chapter - II, the model of the interdependence of sectoral output between Assam and the rest of India has been developed. In chapter - III, we have constructed the input - output tables for Assam and the rest of India for the 20 sectors. The projections of sectoral final demand for the year 1978-79 for both Assam and rest of India have been furnished in this chapter. Chapter -
shows the result of output model showing the interdependence of output between the two economies. In chapter - V, price model has been developed and on the basis of this model, we have shown the empirical results of interdependence of prices in chapter-VI. Chapter-VII provides the summary and basis findings of this econometric study.

The data for this work have been collected from published documents - official and non-official, wherever, there were gaps in statistical data for Assam, appropriate inferential process on the basis of available Indian data were used. Elaborate computer work was involved in many parts of the thesis. Appropriate econometric methods have been used throughout the study.

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