

**A STUDY OF
DYNAMICS OF URBAN-RURAL IMBALANCES**

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ABSTRACT

The existing scenario presents wide disparities in respect of social and physical infrastructure and the living conditions in the urban and rural sectors. While the living conditions in both these sectors are appalling, their nature and size differs. In the absence of a properly laid down policy on urbanisation linked with the policy on industrial location and integrated with policy on integrated regional development, the migration remains uncontrolled. Thus, on one hand there has been unregulated urban growth with its concomitant problems, on the other, the habitat and environment in the rural sector has become appalling due to constant neglect.

The study aims at analysing the dynamics of the system, with the objective of examining the impact of various alternative investment strategies on the urbanisation, relative rural welfare and urban-rural inequalities. Within the framework of this objective, the study examines the extent of urban-rural imbalances in living conditions and analyses the meaning of

the terms 'development' and 'standard of living' and their implications on the development strategy.

For facilitating evaluation and understanding of the various implications, four models have been suggested and a dynamic structure of the systems dynamics has been developed.

The development implications of different investment strategies have been projected through a simulation model. The two currently favoured strategies viz., the economic growth and the basic human needs approach, have been evaluated relative to each other. The trends of development paths observed generally support these observed in some other studies. However, significant differences are observed in respect of 'endurance period', which is found to be much larger than in other studies. The results of the simulation analysis indicate that development paths are dependent, inter alia, on the value of a structural constant, which seems to be a function of technology, development, and capacity to organise pressure.

C E R T I F I C A T E

This is to certify that the thesis entitled, 'A STUDY OF DYNAMICS OF URBAN-RURAL IMBALANCES', being submitted by Mr Ashok Vardhan Chaturvedi, to the Indian Institute of Technology, Delhi, India for the award of the degree of DOCTOR OF PHILOSOPHY, is a record of bonafide research work carried out by him under our supervision and guidance. The thesis work, in our opinion, has reached the standard, fulfilling the requirements for DOCTOR OF PHILOSOPHY degree. The research report and the results presented in this thesis have not been submitted, in part or in full, to any other University or Institute, for the award of any degree or diploma.

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ANNEXURE I

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