

Chapter-1

Bamboo and Ecology: The Study and Objectives

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Every ecological set up has got three basic functioning, Productivity, Species interaction and energy resilience and that well can be applied in social ecology as well i.e. Income, Productivity and Livelihood. Without income, no social function is possible and every social function involves dynamics of livelihood and its synchronization with natural resources and surroundings. The north-east of India has been blessed with bounties of nature and plethora of cultural divergence. The tradition of knowledge, food and agriculture in north-east are splendidly interwoven and ultimately they present the beautiful symphony of resource cultivation and regeneration.

While, the brunt of climate change has become so predominant and conspicuous, The role of bamboo as an extremely resilient plant species is sure to come up with one of the most chosen natural enterprise to socialite all these aspects and techniques of Income, Productivity and Livelihood. All these being such done as to support the economy and livelihood of North-East, there have been a careful consideration over the agility of bamboo enterprises in terms of its traditional, abundance and technological suitability.

In the phase of faster and aggressive rate of erosion of biodiversities, bamboo has offered a splendid opportunity to complement the farm economy with the help of traditional skills, upcoming market and sprawling institutional support. The predomination of ethnic groups in this state has got and added unique character to utilize bamboo enterprise as a comprehensive support system to generate economy through livelihood and livelihood through both Income and Productivity.

The gender empowerment has also been envisaged as an important precondition for socialization bamboo enterprise along and across the social topography. The family base of these enterprise and availability of traditional skill spilled over decades and dictum has explore a belligerent opportunity for making women folk empowered and self stand.

Income, Productivity and Livelihood are being combined together and interacting reciprocally to spearhead the dynamics of rural economy both at micro and mega levels. These three aspects of economy and ecology are so dovetailed and networked, one cannot consider any of it without having the others in operation, so the present study also has got a well thought of direction in enquiry where in Income, Productivity and Livelihood have to be perceived and conceived inter alia , reciprocally contributory.

The bamboo mission of Tripura has been in operation, also offer unique opportunity to collect and collate , derive and analyze, elucidate and estimate the going to be impact of this project of the Income, Productivity and Livelihood of rural peoples especially those who are modestly aspiring to earn a social status and owners through this enterprise.

A goner of statistical tools are being applied to configure a model where in the 3 factors Income, Productivity and Livelihood can be consider cogently and isochronously.

The relevance of the study also can be relocated to the aspect that the transforming rural economy across India , no exception to Tripura as well, are pumping out very fast the potential of agrarian economy , because of a decline in overall productivity of different crops due to the genetic and generic depletion of botanical and ecological potential and diversity. The migration of rural people off the sugeneris locale can well be redressed by providing and exploring new enterprise opportunity and right at this moment for the economy of Tripura, Bamboo has been fast spreading and scrolling economic means to earn the social status and choices. With this background the following objectives has been delineated-

- i. To assess the productive performance of bamboo enterprise in terms of Income, Productivity, livelihood.
- ii. To assess the agro-economic, socio-personal and management characteristics of respondents as the causal variables.

- iii. To conduct participatory analysis of different attributes of bamboo enterprise.
- iv. To assess and evaluate the relation between the causal and consequent variables both at inter and intra level.
- v. To derive some strategies for micro level interventions.

1. PRESENTATION OF THE STUDY

For analytical convenience the thesis is organized into seven chapters. Initial chapter encompasses the introduction, the scope and the objectives of the study. Chapter two presents a critical and concise review of the available research literature relating to the topic under study. Chapter three covers the theoretical orientation, chapter four contain research setting and source of data while chapter five presents methodology used in the study. Chapter six is concerned with results and discussion of the study; chapter seven presents the summery and conclusion of the study and chapter eight contain future scope of the research, chapter nine presents the limitation of the study, chapter ten comprised of recommendation and at last list of literature referred for the study.