Chapter-IV
Research Methodology
4.1: Methodology

The “analytical study of effectiveness of entrepreneurship development programmes supported by government of Karnataka in North West Karnataka Region” is designed as a descriptive one based on both primary and secondary data and interactions with the key officials of Rural Self Employment Training Institutions (RSETI) are involved directly and indirectly with the organizing EDPs in Bagalkot, Bijapur and Belgaum district.

4.2: Research Design

The research design adopted for this study was of ex-post facto in nature since the phenomenon had already occurred. According to Kerlinger (1973) ex-post-facto research, is a systematic empirical enquiry in which the researcher does not have direct control over independent variables because their manifestation has already occurred or they are inherently not manipulated. The main focus of investigation was to know the effectiveness of entrepreneurship development programs supported by government of Karnataka in North West Karnataka Region. Hence, the research design was of ex-post-facto type.

4.3: Sampling Design

An analytical study of effectiveness of entrepreneurship development programmes supported by government of Karnataka has been conducted in all districts of Karnataka covering various organizations which are conducting EDPs in the state. However, it is
beyond the financial and human capacity of an individual researcher to study the whole state and various organizations. Theoretically it is possible to arrive at reliable conclusions about the whole state by selecting a scientific sample. Considering the time and cost implications of the study, it has been decided to limit the study to North West Karnataka Region. The selection of North West Karnataka Region is determined by the fact that the researcher has been working in this region for quite some time and therefore has an in-depth knowledge about the socio-economic profile of the district is the first reason. The Business start up is not at all possible immediately after completing the training program, therefore, the time span between 2008-2012 was selected for the study. During the period 2008-2012, there were 2979 EDP-trained individuals in the North West Karnataka Region. But no performance evaluation studies have been conducted as on that date. The industrial development in the region is not balanced i.e. performance in terms of Gross District Domestic Product (GDDP) between the districts varies, (Belagavi District performance was much better than Bagalkot and Bijapur.) which shows that there is regional imbalance.

Human Development Index (HDI) report for the 27 districts in the state has given a realistic picture of regional imbalances. Performance of Bagalkot and Bijapur districts in HDI 2001 registered 22nd rank (value 0.591), 23rd rank (value 0.589) respectively. But the performance of Belgaum district was far better than these two districts i.e.it was ranking 8th (0.648). Therefore, there is need to strengthen the SSI and Entrepreneurial Development through EDP, therefore the field presents a better location for the concentration of the study (Government, 2001).
The information about the names and their addresses of general EDP trainees, were extracted from the RSETI office.

In order to ensure a fair representation and accurate coverage, a sample is selected on prorata basis in turn which consists around a 20% of the total number of EDP trainees from the study area which was chosen for detailed investigation. Then, the respondents were selected on random sampling basis.

Table No:16 Sample selection

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>District</th>
<th>No of Programmes Conducted</th>
<th>No of Trainees undergone training programme in General EDP from 2008-2012</th>
<th>Proportion</th>
<th>Sample selected @20%</th>
<th>% age of proportion of sample total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bagalkot</td>
<td>30</td>
<td>815</td>
<td>27.36</td>
<td>164</td>
<td>27</td>
</tr>
<tr>
<td>2</td>
<td>Bijapur</td>
<td>26</td>
<td>800</td>
<td>26.85</td>
<td>161</td>
<td>27</td>
</tr>
<tr>
<td>3</td>
<td>Belgaum</td>
<td>46</td>
<td>1364</td>
<td>45.79</td>
<td>273</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td></td>
<td>102</td>
<td>2979</td>
<td>100</td>
<td>598</td>
<td>100</td>
</tr>
</tbody>
</table>

4.4: Secondary Data

The secondary data required for the study have been collected from the following sources.

- District Industries Centre (DIC)
- RSETI of Bagalkot, Bijapur and Belgaum district.
- Entrepreneurship Development Institute of India Ahmadabad.
4.5: Primary Data

Primary data has been collected from the trainees of RSETI from Bagalkot, Bijapur and Belgaum district through structured interview schedule and discussion.

4.6: Population

The population of the study is the trainees of general EDP programmes conducted in Bagalkot, Bijapur and Belgaum district during the period 2008-2012.

4.7: Tools used for Collection of Primary Data

Keeping in view, the objectives and the variables under study an interview schedule was prepared and that schedule was pretested to locate any ambiguity in the question. After pre-testing certain modification were made in the schedule and final schedule was used for data collection.

The required information was obtained by using the pre-tested schedule by personal interview method.

4.8: Statistical Tools used for the Analysis

The data collected from the trainees were scored, tabulated and analyzed by using frequency and percentage, mean and standard deviation, Chi-square test, ANOVA and Regression. The data was analysed by using SPSS.
4.9: Scope of the Study:

- Scope of the study is limited to the state of Karnataka and in particular to the North West Karnataka Region (Bagalkot, Bijapur and Belgaum District).
- The present study is restricted to the analytical study of effectiveness of entrepreneurship development programmes supported by government of Karnataka i.e. RUDSETI. Hence, the EDPs conducted by the institutions other than RUDSETI and other EDPs supported by government of Karnataka are not taken up for the study.

4.10: Limitations of the Study

- The study covers general EDPs conducted between the years 2008-2012. The choice of initial year is determined by the availability of necessary information in the training institute.
- The findings and conclusions of this study are based on data collected from the trainees in the study area, which may not be generalized.
- The methodology followed and tools employed in the analysis of the data involved certain merits as well as demerits of their own and also reflect the limitations of the database.