Research Methodology

Research Design
The research design refers to the overall strategy that you choose to integrate the different components of the Technical and Higher Education a coherent and logical way, thereby, ensuring the proper research problem.

In research, obtaining information relevant to the research problem generally entails specifying the type of evidence needed to test a theory, to evaluate a program, or to accurately describe and assess meaning related to an observable phenomenon.

Sampling Technique:
Population 98 institute of higher education.

No of students enrolled in management program in all these institutes are 9850. Hence sample size will be from both the colleges’ representatives and students. Thus management representative will be 78 and student sample will be 370.

For this purpose both the primary and secondary data will be used.

For this purpose convenient and judgemental sampling will be used.

Tools Used For Data Collection
Data were collected through questionnaires distributed to different users and other organizations. The questionnaires contained three parts:

1. General Data Sheet.
2. Questions Relating to User Friendly and Knowledge Based.
3. Question Relating to Satisfaction after Higher Education.

Statistical Techniques
Statistical is employed as a tooling solving or analyzing the problem of research.
In the study of statistics the scale measurement is needed for measuring various variables.

Statistics by qualitative aspects such as honesty, intelligence, power cannot be study directly. So we convert qualitative data into qualitative data for better results.

Following statistical techniques has been used for analyzing data by the researcher:

1. chi- square test,
2. F-test
3. Correlation regression analysis
4. This will further help to draw meaningful conclusion.

The different tools used for data analysis are:

- Tabular analysis
- Coding
- Charts
- Pie chart & Bar Diagram and
- Pictorial representation

Impact factors with factor analysis will be used. ANNOVA and F-Test with SPSS will be used.

**WORK PLAN**

1) Introduction
2) Review of Literature
3) Make objectives
4) Formulate Hypotheses
5) Make Questionnaires
6) Sample Selection
7) Data Collection
8) Data analysis, presentation and interpretation
9) Conclusion, findings and its recommendations
Scope of the Study

The study will be done in schools in the suburban area in Maharashtra state. It is targeted to the Higher Secondary students and Management / Trustees.

- The present system of having Technical college affiliated to University of the region needs to be given a go-by, since the present University system is geared to conventional type of education in Humanities, Languages and Pure Sciences and is not in turn with Industrial ethos and the latest technological innovations.

- About 40% faculty positions especially at senior levels are lying vacant in the most of the technical colleges. Even IIT’s are facing the problems of faculty shortage which is going to become acute by the turn of the country because most of the Professors at IIT’s, Technical Universities etc will be retiring in the nest 4-5 years. Further there is urgent need of having faculty in the emerging areas.

- There is an environment of mistrust between the Industry and the Academic world which needs to be changed into one of mutual cooperation and partnership. Not only that R & D organizations have also to be involved in this interaction.

- Facilities for providing meaningful Technical Education for gainful self-employment for people living in Rural and Backward areas have to be provided.