METHODOLY

➢ **Research Method:** I will use survey method, regional method and applied descriptive method

➢ **Research Approach:** Qualitative and quantitative both

➢ **Research Design:** According to my study I will use case & field research design and Descriptive or survey research design

➢ **Sample:**
  - **Sampling Technique:** Stratified Sampling to be used for the purpose of drawing the required sample size
  - **Sample Size:** Sample size will be 500 respondents. Researcher will collected 250 from BHEL and 250 from IOCL. From each 125 technician and 125 non-technician respondents will be selected from the stratified sampling plan.

➢ **Data Collection**
  - **Primary Data:** Primary data will be collected through structured questionnaire from both technician and non-technician from BHEL & IOCL using surveymethod.
  - **Secondary Data:** Secondary data will be taken from the research journals, books, research papers, articles, internet, magazine, newspaper, reports etc.

➢ **Statistical Techniques:**
  - Arithmetic mean, Standard Deviation, Co-relation, Chi-square
  - Z test and Analysis of Variance (ANOVA) test
  - Data Analysis to be done using SPSS software
## WORK PLAN

<table>
<thead>
<tr>
<th>YEAR</th>
<th>Activities</th>
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| I YEAR   | • Pre-planning of Research title  
• Identification of sample  
• Completion of course work  
• Review of literature  
• To know me PPT presentation  
• General PPT presentation  
• Preparation of synopsis  
• Appearing pre-PhD exams |
| II YEAR  | • Synopsis presentation  
• Obtaining approval from DRC  
• Collecting of reference standard or working standard and sample  
• Data Collection  
• Data analysis and interpretation  
• Participation in national and international conference  
• Publication of articles in an ISSN number referred journal on the chosen topic  
• Summary preparation |
| III YEAR | • Submission of summary  
• Paper presentation  
• Conference proceedings  
• Writing the Thesis  
• Submission of Thesis |