Research Methodology

A discussion within the body of research report of the research design, data collection methods, sampling techniques, fieldwork procedures, data analysis efforts.

Research Design:

A master plan specifying the methods and procedures for collecting and analyzing the needed information. Research design of current study is descriptive in nature.

Area of study:

The present study covers the entire geographical area of Patna Metropolitan area.

CONCEPTUAL FRAMEWORK:

The conceptual framework of present research study is based on existing literature and research study.

Population:

The element about we wish to make some inferences.

In the present research study the statistical population is sum that of 175 hospitals in Patna Metropolitan Area. The unit of statistical population is Hr departmental head/representative of concerned hospital and middle level manager and lower level management, data will be collected from them by survey method.

Population definition:

The criteria for selection of hospitals for interview are hospital with 20 and above beds. As per records of Patna Municipal Corporation as on data 1st December 2014, total number of hospitals in PMC area is 175 hospitals however only 125 hospitals have bed capacity more than 20 beds thus population was considered 125 from PMC area.

Selection of Hospitals:

The scholar decides more than 20+ beds hospital for the study. Out of 175 hospitals, in PMC area only 125 hospitals have more than 20+ beds. The scholar is further undertakes 50 hospitals from 125 hospitals randomly.

Sample:
A group of participants, events, cases or records consisting of a portion of target population, carefully selected to represent the target population.

**Sample Frame:**

The list of elements from which a sample may be drawn; also called working population.

**Sample Size:**

The size of sample; the numbers of observations or cases specified by

- The estimated variance of population,
- The magnitude of acceptable error, and
- The confidence level.

The study focuses only on the hospitals with 20 and more than 20 beds, which are providing inpatients, care facilities. In Patna only 125 hospitals have 20 & more than 20 beds, the scholar will select 50 hospitals from 125 hospitals randomly. The hospital covers in this study are public, private and trust. By stratified random sampling, three types of questionnaires will be administered— one for HR head/hospital head (top management), one for middle-level managers, and one for lower-level management. Total 150 questionnaires will be proposed for the study. Likert-type scale 1 to 5 points will be used.

**Sources of Data Collection:**

In the present study, data will be collected through primary and secondary sources.

**Techniques of Data Collection:**

To conduct the study, primary data will be collected through survey methods; discussion and interview techniques as well as secondary data will be collected from published and unpublished sources.

**Scope of the Study:**

The geographical scope of the study is limited only to Patna Metropolitan area. It is restricted to selected public, private, and trust hospitals units of Patna. The contemporary scope of the study covers the human resource management practices in the selected hospital in Patna Metropolitan area.

**Analysis and Interpretation of Data:**

Data collected through questionnaires, Observation & interview is to be classified and analyzed through SPSS & Excel software. Analysis is to be presented by Pie charts and bar graphs.