



Excelssior Education Society's
K.C. College of Engineering and Management Studies and Research
Mith Bunder Road, Near Hume Pipe, Kopri, Thane (E)-400603

Name of the event: Research and Research Methodology

Name of Speaker: Dr. N.S. Poonawala, Dr. Hansraj Guhilot

Date: 17/12/2016



Report on
RESEARCH AND RESEARCH METHODOLOGY

Date: 17/12/2016

Venue: Seminar Hall

Research means something innovative and developments mean improvement. To find something innovative and improve in one's domain there is a need of specific method which is called Research Methodology. It is a systematic, theoretical analysis of the methods applied to a field of study; also it comprises the theoretical analysis of the main structure of methods and principles associated with a branch of knowledge.

Method can be defined as a systematic and orderly procedure or process for attaining some objective. Methodology specifies several processes that need to be followed. These processes constitute a generic framework. Methodology may refer to the justification and the philosophical assumptions that reveal a particular study relative to the scientific method.

Before starting and deciding the domain in Research, it is very important to know about the methods of research that is how and by which methods desired results will be obtained. For the same, it is important to focus on Research Methodology. Research approach should be in a proper direction holding the topic, as well the efforts are always be in such a way that, main topic should not get diverted to distant area. It should give the information regarding research domain, learning design, and organizational practices.

Research Methodology is the specific procedure or technique used to identify, select, process, and analyze information about a topic. In a research paper, the methodology section allows the reader to critically evaluate a study's overall validity and reliability.

OR

It is a science of studying how research is to be carried out. Essentially the procedures by which researchers go about their work of describing, explaining and predicting phenomena. It is also defined as the study of methods by which knowledge is gained.

What is the difference between Research Methodology and Research Methods?

Understanding the difference between methods and methodology is of paramount importance. Method is simply a research tool, a component of research say for example; a qualitative method such as interviews. Methodology is the justification for using a particular research method.

Keeping in mind this view of Research Methodology, Research and Development committee of KC college of Engineering and Management studies and research arranged an informative session on **Research and Research Methodology** on 17/12/2016 in seminar hall.

The session basically enlightened on the aspects of what is research methodology, how a particular method is to select for a research domain work, what should be the material to access

it, how to go for step by step to select a method, its types, its reliability and its purpose and many things more.

Total 61 Participants were present for the session.

Session includes the presentations by eminent speakers

- 1) Research methodology and its types by Dr. N.S. Poonawala (DEAN IIPP-Industry Interaction Participation Program)
- 2) Importance of research methodology and selection of methods for the domain of study by Dr. Hansraj Guhilot (Principal, K.C. College of Engineering and Management Studies and Research)

Coordinators

- 1) Ms. Aarti Bakshi
- 2) Ms. Amarja Adgaonkar
- 3) Mr. Rajiv Iyer