

# Framework for Integrated Environment to Facilitate Scientific Research Method

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Scientific research methodology is now very popular in the Asian region and it is a fine-tuned version of deductive research approach. As it demonstrates the majority beauties of science such as rigor objectivity parsimony and etc it provides a good metaphor to strongly establish the conclusions of research studies.

When considering about the scientific research methodology it is observable seven clear steps such as, Observation, Preliminary Study, Problem Definition, Hypothesis Development, Experimental Design, Data Collection, and Data Analysis & Conclusion

Many researchers has consensus on that blended research technique or using mix of research methods is a good way of acquiring effective results through a research. Scientific research methodology is also a method formulated with the combination of all good features of several research methods.

Facilitating such environment will enrich the glamour and the efficiency of research study that we are involved in. This research is undertaken to devise a framework for developing an integrated environment to facilitate the stages in scientific research methodology.

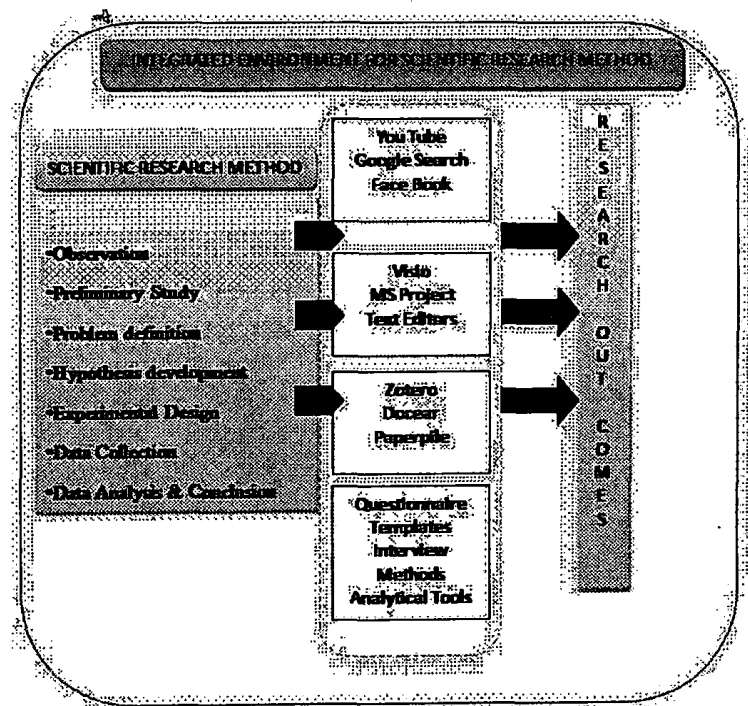
It is clearly evident that people will spark with an observable phenomenon and they tend to find information on that. Based on their information researchers will do their preliminary study. At the preliminary study presently You Tube Google search numbers of social net works are available for them to have an idea about the observation. But they have to separately access these medias and integrate the facts gathered from them to a one metaphor.

As per this research study under one roof, facts that we gather through all above mentioned medias

Using the filtered information the environment will provide tools to build hypothesis and as per the developed hypothesis researcher will get an opportunity to design the conceptual frameworks with the given tools by the software. When all these things are happening this environment will provide text editors which has direct integration with number of software's such as Zotero, Docear, paperpile and etc..

Following is the frame work developed for the proposed Integrated Environment.

Figure 1



The advantage of having such environment is it reduces the time taken by the researcher to codify the facts taken by several sources as well it will efficiently provide an atmosphere to the researcher to understand where the research lie at a particular moment. Under this environment researcher will get more concentration on the experiment as well the analysis and conclusions. Because all information integrations, type settings, referencing are facilitating by this environment with the tools available under that.