

Scientific paper which
gives the idea about



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Scientific literature comprises of research which is carried out by the scholars, philosophers around the world by publish their work, so they can communicate and share work with their other counterparts and can discuss what further progress can be done. Research literature is the study which is available in printed form and in certain fields it is in non-printed form.

There are different types of scientific literature exist but we discuss about difference between primary and secondary literature. PRIMARY literature consist of original research which is carried out by researchers in their respective fields. It is either done individually or done with the collaboration by a group of scientists or researchers. It is written and reviewed by experts. This type of literature may published in articles/research papers form, but some researches published in form of dissertation/thesis, Manuscript (book form of thesis), Patents (grant of protection of an invention) etc.

This can also be published in a 'peer-reviewed' scientific journal, generally known as 'papers'. This type of papers must consist of abstract, titles, materials and methods, results discussion and references. These papers then reviewed by number of 'experts' in that particular field in which research is written.

Their opinions matters the most. They can also give further new scientific information which will be very helpful. They also discuss the merits of this research and identify if there is any deficiencies in it. With the help of their expert opinion the editor published the research or it goes back to author for further review. It may require minor revision or need more thorough research in particular field. This is the reviewing process which is called 'peer review'.

One can also consider the fact that they can present their research in front of the audience and obtain valuable feedbacks from them. These kinds of papers presented in conference and then it goes for publishing called 'conference proceedings'.

'Conference proceedings papers' also consist of book of abstracts (extended abstracts). It is basically a short conclusive summary of the work that will help other to get an overview of the paper. It is basically an analysis paper which gives the idea about your work. Abstract must be written in a way that it become informative to all people. Give the results of your research as well. 'Research paper' is also the integral part of primary literature its basic function is to collect raw data and then further analyze it to get some results.

It discuss all the methods and result of an original study. It contains brief introduction, method section, results section, discussion section and provide list of references that are used to conduct this research. These kind of researches can also be featured in magazines which are basically used and known for new scientific discoveries.

These are known as 'magazine papers'. Many experts and new researchers share their ideas in these magazines and give frequent updates about the change and new findings about the relevant topic. Researchers often conduct 'interviews' in form of 'recording videos' to use it as a matter of subject. The main objective for interviewing is to collect particular and relevant information for the purpose of research.

'Rapid communication' have shorter length than an original research article. It consists of no more than 5 pages and can be used to immediately share the findings with the other members of the community. It is also very sufficient if someone has kind of a breakthrough in research. PRIMARY literature has many several other characteristics, for one they have materials and methods section and must have proper result section. Their research is very specific and result oriented, they also use tables, diagrams and graphs to understand their research easily. References must be included to provide further assistance. Discussion section inclusion is of essence which helps the author to identify his mistakes and can collaborate with much expert researchers which provide more valuable feedback to author that helps him to carry out his research more thoroughly. Scientific literature basically act like a medium that can easily communicate the results of scientific research, it contains the record of the collective achievement done and authorized by scientific community.

SECONDARY literature is basically part of research which includes textbooks, review articles, magazines, newspaper, newsletter and manuals. 'Textbooks' are basic necessity to start the research. You will need all the facts and figures and all the basic information you need to carry out your research.

Textbooks are main source of gathering raw data which then used for further analysis. Sometimes it become hard for some people to understand the purpose of the research or what is author trying to communicate so in order to fill this gap 'review article' becomes very helpful, it basically gives you the general idea to understand the current problem of a topic. It is very

helpful to analyze and understand previous published studies. Sometimes it is also known as survey articles.

'Newspapers' are also used for searching new ideas, brief articles that provide daily updates on current events and interests. On the other hand 'newsletter' regularly publishes a collection of articles which has been subscribed by people to get updates about the new ideas and innovation. Nowadays 'Internet' is the main source of gathering information, search about new ideas and what are the changes that are occurring in the field of science. Internet provides all sorts of information, some information are very useful but some are completely useless and don't have any authentication. For new researchers this is the great platform that you can access all type of information on a single click. Find out about the new articles and can gain access about everything. You can upload your ideas to an authenticated scientific forum from your home and can discuss and share your problems with the expert panels. Secondary literature plays a vital role in understanding the primary literature.

It provides basic information to you about the material. Secondary literature helps to place the research in context. These are the main types of scientific literature that we have discussed above.

There are more types but we have made our focus on these two types. Things that we learned from this literature that we have to summarize and discuss in details about the main aspects of the research. ü Pick out the problems and flaws in your research. ü Evaluate and discuss your research with the experts.

ü Give proper handouts or manuals to the people. ü Mark the areas of importance for future purposes.