

Scientific called
"research papers
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SCIENTIFICALITERATUREScientific literature is the main element of all researches, as it is the only medium for stating the results of scientific research.

The basic purpose of scientific knowledge is to discover something new or to build a new research on the basis of previous research. The record of scientific research is available in printed or non-printed form in a certain field i. e. Book or Journal. The scientific literature is categorized into two basic categories; " Primary Literature" and the " Secondary Literature".

Primary literature describes the " original research"; without any notes or in other terms it refers to account of research which is carried out by an individual or by a group of researchers which is published in a Peer-reviewed scientific journal. These types of descriptions or reports commonly called " Research Papers/ Journal Papers" which are written in the specific format and then submitted for publication. Other than this, Primary literature also includes Articles, Dissertations, Thesis, Conference Proceeding papers, Video recording, Review papers/reports, Manuscript, Extending abstracts and Patents. Mostly the primary literature is published in journals, but some of the researches are published as dissertations or thesis, conference papers and reports. Let's start to discuss from Article first, what is actually an article is? An article is basically to explain the methods and results of original research performed by the researcher, it can be surveys, experiments, interviews etc. but in all situations the raw data have been gathered, analyzed by the researcher and then propose conclusion which is standardized., on the other hand short communication and rapid communication are also the parts of research article. Now move on to dissertation, it is comprehensive and <https://assignbuster.com/scientific-called-research-papers-journal-papers-which/>

detailed form of research where the researcher describes the whole scenario in depth.

Whereas, thesis is similar to dissertation. Another important paper which is going to be discussed that is conference proceeding paper, it is presented in the international conferences, national conferences and workshops are considered as primary literature to obtain feedback from the audience. The video recording also used by the researchers for recording the experiments accurately and verify their observations correctly. Moreover the review paper/report highlights the practical aspects and also it examines the progress in a certain topic, in short it summarizes the recent knowledge of a topic and creates understanding and develops interest for the reader. As far as manuscript is concerned it is unpublished version of a research, and also it is handwritten or the original text by the researcher. An extending abstract declares the abstract which is an extract of research means the summary of any paper, mostly readers take the whole idea after reading it.

Last but not the least, patents are very important for the researcher because it is an authority or license from the government for the limited time period. Primary Scientific Literature Primary scientific literature has several characteristics: 1. "Materials and Methods" section and "Results" section. 2.

Use "We" or "I" to describe what was done. 3. Very specific: mention particular places, organisms, etc.

4. Papers generally start with an introduction; an overview to set the stage for the research. Secondary literature consists of those publications which are based on primary sources for collecting information.

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The purpose of this publication is to summarize and gather knowledge in a specific area for other researchers, so that they can utilize the information accordingly. It includes textbooks, Internet, reviews, handbooks, Magazines, Newspapers, Newsletters and manuals. The textbook provides the detailed introduction, identification of research objectives, research questions, guidelines of research path, collecting relevant information, interpreting data, analyzes data and develop understanding with the context of research. The internet is widely used across the world as it is a big source of gathering data and information, the secondary literature generally comes from the past researches where the internet plays an important role for acquiring previous papers. About the reviews, it does not show an original research, only focuses on precisising the literature. The handbooks tell the deep overview of research methods and combines both theories and methodologies of qualitative and quantitative.

The magazines are also considered as secondary literature because the knowledge is taken from different channels and combined at one place. Appearance wise it looks attractive and may contain pictures and graphical presentations, general audience is commonly used to read. Another important kind which possess secondary literature that is newspapers, broadly used around the world, mostly people choose to study newspaper and get information from it, as it is supposed a good source of knowledge. Now turn to describe newsletters, it is basically in printed form which covers the news of business activities and send through email to all employees, customers and people who are interested in knowing. The last thing which is also reflects the secondary literature is manuals, it is almost the same of

textbook, provides the relevant information to the researcher, it is not only useful for the researcher also the common people can read and take essential literature from it. As we studied from every aspect that the secondary literature gets from the previous papers which contains large amount of information that can be very helpful for the newly research papers. From the researcher's point of view secondary literature is the chief constituent in terms of, it highlights the purpose or aim of conducting research, research objectives, research methodology, which type of analysis tool will be used for testifying the results and verification of observations. Although the secondary publications are not very much systematized as compare to primary publications, however it is a mandatory requirement for the paper.

Therefore, the main objective of secondary literature is to gain knowledge for the specific area of interest. It is concluded that, for the research paper; literature plays a backbone, as it is considered a main source of information which helps to researcher for getting past knowledge and build a new research in the specific area of interest.