



REMAAC 2018

*National Seminar on
Revised Methods of
Assessment and
Accreditation for Colleges*

24th February, 2018

*Organized by
Bhawabhuti Mahavidyalaya,
Amgaon,
Dist. - Gondia (M.S.)*

**Re-Accredited by NAAC
At 'A' Grade (CGPA-3.11)**



*Dr. S.M. Bhuskute
Principal / Chairman*

*Mr. O.I. Thakur
Organizing Secretary*

REVISED METHODS OF ASSESSMENT AND ACCREDITATION FOR COLLEGES

Certificate

This is to certify that, Prof./ Dr./ Mr./ Mrs./ Miss. Narendra L. Gadge
of Smt. R. B. Piske Mahavidyalaya, Moroda Dist. Nagpur
has Participated / Presented a paper / Chaired Session in the National Seminar on
"Revised Methods of Assessment and Accreditation for Colleges" organized by
Internal Quality Assurance Cell (IQAC), held on 24th February, 2018
at Bhawabhuti Mahavidyalaya, Amgaon, Dist - Gondia (M.S.) India.

He / She Presented Paper entitled : Support of Advanced Technology
to Enhance the Quality of Research work.

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Support of Advanced Technology to Enhance the Quality of Research Work**Prof. Narendra L. Gadge**

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Abstract : As we know that the Central as well as State Government have made NAAC compulsory in order to check and control the teaching and learning quality in all the educational institutions. Whether it is big or small, state or central university; all must have NAAC accreditation lest the Government would give them any grants. We also know that every educational institution must have IQAC cell in order to check the teaching learning quality that institutions. It is the guideline of UGC that formation of IQAC must be according to its guidelines for anyhow the Government wants quality in higher education and more importantly in the research works of teachers as well as of students. Undoubtedly today we have advanced technology than yesterday. We must use this technology to enhance the quality of our research works. This Paper specially focuses on how can we use this advanced technology as a support to enhance the quality of our research?

Introduction: Since the NAAC has been made mandatory, there rose the question of quality of teachers and also of students. Unless we have scholarly teachers, we cannot have the output of scholarly students. In recent times the research has got much importance. Research has many avenues. It can be taken in any fields and subjects. Our research paves some new areas and scopes to the posterity. Every teacher must be competent in his or her subjects and areas. He must have deep knowledge of his subject. He must explore his subject by every corner. We cannot say that one has acquired a degree and his or her research has ended. But it is not so. Having acquired the degrees like M. Phil and Ph.D. we cannot say that research has ended. By doing so we just have explored one aspect of the research, but there are unlimited aspects and avenues in the field of research.

A researcher should have thirst for knowledge. A researcher must pay attention to the quality of his research. He should set the example to the other researchers. In order to enhance the quality of one's research one should use the advance technology. In addition of books we have many other sources to do research. The powerful means of research, we have today computer and internet. With these two weapons, a researcher can have many things at his fingertips; online journals and magazines, Shodhganga for online thesis, Shodhgangotri for online journals. A researcher can search online articles and abstracts and so many things which is related and needed to research activities.

Advanced Technology to Enhance the Quality of Research:

Before we start research, you often want to quickly learn about possible issues or topics of study by searching available sources of information. Nearly all academic journals are available online, and many are organized into online databases. Government agencies often have demographic or economic information online we can use in your research. Computers store vast amounts of information. You can quickly and efficiently organize and search information, making for easier retrieval than paper storage. You can store your raw data in multiple formats. Some researchers conduct their research online, often through the use of surveys.

Computers began as powerful calculators, and that service is important to research today. Regardless of the amount of data you have, you can do more with it with a computer's help. Statistical programs, modeling programs and spatial mapping tools are all possible because of computers. Researchers can use information in new ways, such as layering different types of maps on one another to discover new patterns in how people use their environment. Building knowledge through research requires communication between experts to identify new areas requiring research and debating results. Before computers, this was accomplished through papers and workshops. Now, the world's experts can communicate via email or web chats. Information can be spread by virtual conferences. Knowledge from marginalized groups, such as African scholars, is now more visible. Researchers can take computers anywhere, making it easier to conduct field research and collect data. New areas of research in remote areas or at a community level are opened up by the mobility of computers. Social media sites have become a new medium for interaction and information.

Internet research is distinct from library research (focusing on library-bound resources) and commercial database research (focusing on commercial databases). While many commercial databases are delivered through the Internet, and some libraries purchase access to library databases on behalf of their patrons, searching such databases is generally not considered part of "Internet research". It should also be distinguished from scientific research (research following a defined and rigorous process) carried out on the Internet, from straightforward retrieving of details like a name or phone number, and from research *about* the Internet.

Internet research can provide quick, immediate, and worldwide access to information, although results may be affected by unrecognized bias, difficulties in verifying a writer's credentials (and therefore the accuracy or pertinence of the information obtained) and whether the searcher has sufficient skill to draw meaningful results from the abundance of material typically available. The first resources retrieved may not be the most suitable resources to answer a particular question. Popularity is often a factor used in structuring Internet search results but popular information is not always most correct or representative of the breadth of knowledge and opinion on a topic.

While conducting commercial research fosters a deep concern with costs, and library research fosters a concern with access, Internet research fosters a deep concern for quality, managing the abundance of information and with avoiding unintended bias. This is partly because Internet research occurs in a less mature information environment: an environment with less sophisticated / poorly communicated search skills and much less effort in organizing information. Library and commercial research has many search tactics and strategies unavailable on the Internet and the library and commercial environments invest more deeply in organizing and vetting their information.

The most popular search tools for finding information on the Internet include Web search engines, meta search engines, Web directories, and specialty search services. A Web search engine uses software known as a Web crawler to follow the hyperlinks connecting the pages on the World Wide Web. The information on these Web pages is indexed and stored by the search engine. To access this information, a user enters keywords in a search form and the search engine queries its algorithms, which take into consideration the location and frequency

enhancing the quality of teachers' research works. All these three persons must encourage their teachers to undertake the new research projects; whether it is Minor or Major Research Projects. The teachers must involve themselves in writing research papers on the current and novel topics. As we know that everyday there is a new exploration in knowledge. A researcher must have the curiosity to know the unknown lest there cannot be new research.

Conclusion:

As we know that science and technology are to make our life comfortable. It is said that we should not only live but live and die with dignity. There should be quality in living standard: not merely living a life. In this way we want quality in everything say in life and education. When we think education, we think of research works in higher education. The computer and advanced and high speed internet have brought the whole world's knowledge at our fingertips. Today we cannot depend only on books and library. But today we have digital library wherever we go. With the help of the powerful weapons like computer and internets we naturally enhance the quality of our research works. For these technologies help us to see many sources for our research at one place. There is limited knowledge in a book, but when we open any website of any topic or subject we see many avenues. Thus we see that these advanced technology have created a revolution in exploration of new knowledge.


Works Cited

<https://classroom.synonym.com> > Classroom

https://en.wikipedia.org/wiki/Internet_research

www.pewinternet.org/2011/09/26/part-5-the-role-of-the-internet

<http://science.energy.gov/about>


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