



Plagiarism: An electronic detection tool Turnitin

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Abstract

In this paper an attempt is made to present the plagiarism and anti-plagiarism tool analysis. The Information which is copied from any format and passing it as own work termed as a plagiarism. In electronic environment about fair and ethical use of the web sources, create awareness among the contributors. The tool is needed to anti plagiarism check that is made here a need based and popularised Turnitin software studied. This is used in 51 countries around the world. It encourages best practices in digital environment with flexible option, wide scope of coverage its advantages are more than the lacking. The software tool Turnitin presented with theory and snap shoot.

Keywords: turnitin, plagiarism software, anti-plagiarism, information

Introduction

Plagiarism is widely considered as unethical and can result in expulsion or strong reprimand in almost all higher education institutions. Turnitin is an Educational tool for submitting, evaluating and grading the quality and originality of academic work. Turnitin is a global leader in evaluating and improving the quality and originality of student writing across disciplines. By allowing students to submit their written work onto an online database, educators can easily manage, mark and monitor work for the integrity of its content, without having to carry around countless stacks of papers.

Today various electronic plagiarism detection tools are available to compare the write-ups with the already published materials on the net, to get the originality. This is helping the institutions to generate more scientific literature. India as proved web based Anti-Plagiarism Software (iThenticate and Turnitin for one year) for 100 Indian universities, who have signed MOU with the Centre for INFLIBNET "Shodhaganga" for submitting their theses and dissertations.

Plagiarism

The method of taking credit for a work whose words, conversation or even idea was of someone else or in other words. The information copied from any medium (Books, Journals, www, TV) and passing it as his own work can be termed as plagiarized information. Whenever such case arises where we have taken someone else's words, phrases or sentences, it's a moral duty of us to cite them properly give the respect to the contribution of original work. It is not sufficient if that work is listed in the bibliography. Failing to properly quote, cite or acknowledge someone else's words or ideas with an internal citation is plagiarism.

Definition of Plagiarism

According to International Centre for Academic Integrity "When someone uses words, ideas, or work products attributable to another identifiable person or source without

attributing the work to the source from which it was obtaining in a situation in which there is a legitimate expectation of original authorship in order to obtain some benefit, credit, or gain which need not be monetary".

According to the Merriam-Webster Dictionary, is "to steal and pass off as one's own: use without crediting the source...present as new and original an idea or product derived from an existing source."

Types of Plagiarism

Plagiarism can broadly be classified and distributed as four types.

- Complete plagiarism: A piece of work copied entirely from one or more sources
- Copy and paste: Available information off internet or electronic journals
- Word Switch: If you copy a sentence or paragraph into your assignment and change a few words it will still be considered to be plagiarism
- Self-plagiarism: Self-plagiarism is when you re-use your own previously written work or data in a new assignment and do not reference it appropriately

Review of Literature

Carroll (2002). Explained that plagiarism threatens the value and integrity of what is being taught. It threatens students engagement with learning and, unless addressed could undermine the worth of the awards students earn. Gallant defines plagiarism as using another's words or ideas without appropriate attribution or without following citation conventions the word is generally defined as "literacy theft" and "academic dishonesty" in the literature. Kioda, L. and Nicholson, K. (2005) [6] the time constrains, lack of knowledge of plagiarism, difficulty of the assignment, understanding of the assignment, enough academic skills, etc. are the reasons that lead academicians to plagiarise. Rekha and Sagender (2015) [7] studied plagiarism, the method of

taking credits for somebody else's words or ideas is a threat to the research. The study was conducted to analyse the awareness and to evaluate the aspects of Turnitin- its document checking procedure, password requirement, and method of document checking preference by the faculty/ researcher/ students of manipal Institute of Technology, Manipal. The outcome of the study identified that there is a need to create awareness about the software among the users of both the libraries. The article makes an attempt to describe the plagiarism and Turnitin software.

Need of the Tool

- In the digital environment quality of literary work checkout is essential.
- Ethical use of information is also observed in an academic research.
- Abundance of online source
- Extent of information more in all branches of knowledge through OPAC
- ICT impact made easy to document delivery (soft copy) with many option
- To protect intellectual property right
- An instrumental tool is need is high in the knowledge society.

Objectives

Main objectives of the study

1. To know of the plagiarism
2. To know the ethical use of information
3. To know the plagiarism tool
4. To study the Turnitin software tool in plagiarism

About Turnitin Software (Www.Turnitin.Com)



Fig 1

The Turnitin anti-plagiarism software package was developed by Dr. John Barrie of the University of Berkeley, California, and is used by many universities in Australia, and indeed in 51 countries around the world (iparadigma, 2004).

Turnitin is the global leader in evaluating and improving student writing. The company's cloud-based service for originality checking, online grading and peer review saves instructors time and provides rich feedback to students.

One of the most widely distributed educational applications in the world. Turnitin is used by more than 15,000 institutions in 140 countries to manage the submission, tracking and evaluation of student papers online. Turnitin also offers iThenticate, a plagiarism detection service for commercial markets, and Write Check, a suite of formative tools for writers. Turnitin is backed by Insight Venture partners, GIC, Norwest Venture partners, Lead Edge capital and Georgian partners. Turnitin is headquartered in Oakland, California with

an international office in Newcastle Tyne, United Kingdom.

Turnitin is an internet based commercial detection service created by iParadigms, LLC. The institutions have to buy licenses to own the service. License holders can submit their write ups to the Turnitin website, which checks the documents for unoriginal content. Turnitin checks for potential unoriginal content by comparing submitted papers to several databases using a proprietary algorithm. It scans its own databases, and also has licensing agreements with large academic proprietary database. Academic work submitted to Turnitin is compared to millions of published papers found in databases the company has access to and then the company prepares report containing the similarity index rate to indicate how much of a paper contain unoriginal work.

The software by default saves the scripts in its proprietary database. If the author doesn't want his/her script to be saved in the Turnitin.com software, they can select submit reports to no repository'. Even if the already submitted work gets submitted for the second time, users have the option to exclude the previous source.

What is Turnitin

Turnitin is the leading originality checking and plagiarism prevention service used by millions of students and faculty, and thousands of institutions worldwide. Turnitin encourages best practices for using and citing other people's written material. The service offers a complete web-based service to manage the process of submitting and tracking papers electronically, providing better and faster feedback to students.

It Covers

- Over 130 million articles from journals, books, periodicals, newspapers and magazines
- Over 1.6 million active instructors
- Over 50 billion web pages crawled
- Over 15,000 educational institutions
- Over 24 million licensed students
- 19 languages in 140 countries

How Turnitin Work

Institution license Turnitin on an annual basis. The institutions are encouraged to communicate with students about their use of turnitin and how their academic integrity policies work. An instructor sets up a class and an assignment in the turnitin service. Students or instructors then submit papers to Turnitin via file upload or cut and paste. Turnitin's proprietary software then compares the paper's text to a vast database of 12+ billion pages of digital content as well as over 110 million papers in the student paper archive, and 80,000+ professional, academic and commercial journals and publications. We are adding new content through new partnerships all the time. For example, our partner cross Ref boasts 500-plus members that include publishers such as Elsevier and the IEEE, and has already added hundreds of millions of pages of new content to our database. Turnitin offers institutions a wide variety of flexible options for handling students submissions including options that let students choose to keep their papers in an institution-only private zone.

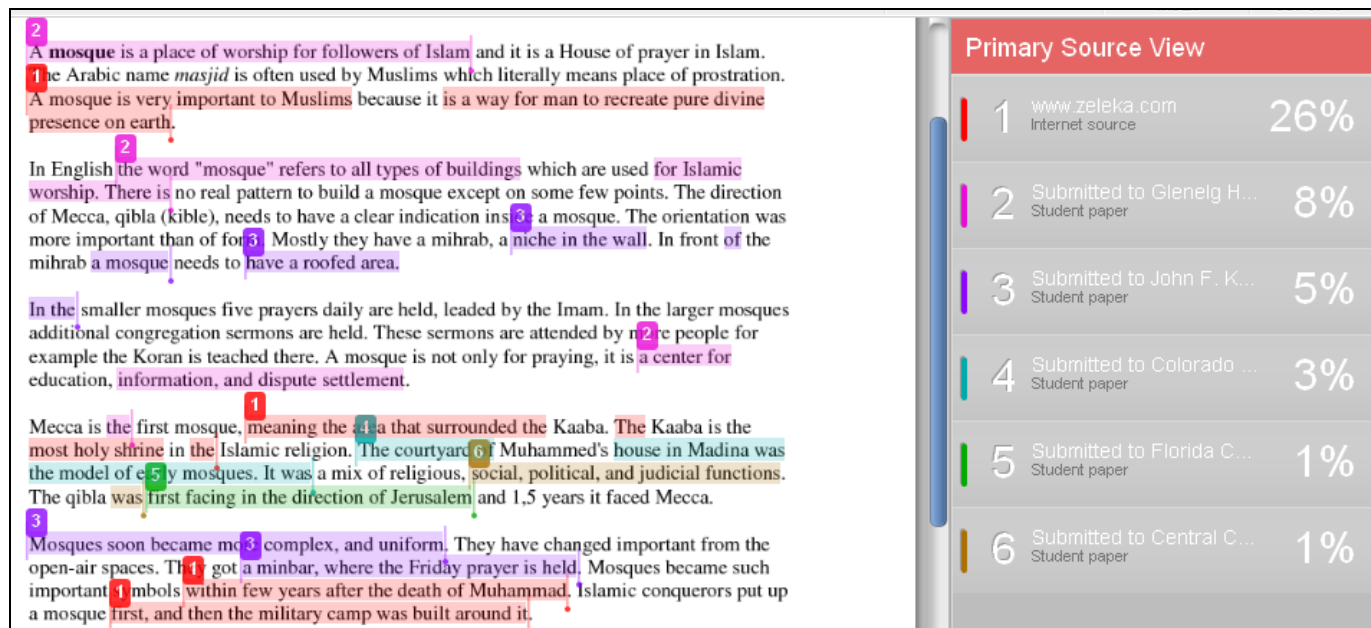


Fig 2

Unoriginality content is highlighted and color-coded, and the original source appear with the percentage of content originating from that source.

Advantages of Turnitin

- This is likely to be the least resource intensive option.
- Blanket screening could help to detect collaboration between peers.
- This could be viewed as a more equitable system than the other options, and would provide a more effective deterrent against plagiarism and collusion.
- This method would be less resource intensive than blanket screening.
- Random or systematic screening could help to establish whether there is a plagiarism problem.

Disadvantages of Turnitin

“Despite often being alluded to as a ‘plagiarism detection tool, turnitin does not actually identify plagiarism per se. It merely matches material present in a specific document uploaded to the Turnitin website to material present on the Internet. An original report is provided for each document that indicates the percentage of matching material in the assignment, with links to the location of the Internet source, thus allowing the marker to compare the original with the reproduced material, depending on source accessibility” (Walker 2010:4) [10].

- Students whose work is screened may complain about the equity of the system. The faculty or department would need to ensure that its procedures are robust and transparent so that students do not feel unfairly targeted, for example due to their culture background.
- This option would be less effective as a deterrent than blanket screening.
- This would be by far the most resource intensive method, both in terms of administrative and training/ support.
- Turnitin has considerable limitations and blanket screening

could create a sense of false confidence and detract from efforts to promote good academic practice which might be more effective.

- Students whose work is screening may complain about the equity of the system so the faculty or department would need to ensure that its procedures are robust and transparent.
- This option would be less effective as a deterrent than blanket testing
- Work must be submitted electronically to Turnitin.

Copyright protection

Turnitin agrees that students should own the copyright to their original work. A common misconception is that students relinquish their ownership rights when they submit papers to Turnitin. This simply is not true; students who submit papers to Turnitin retain the copyright to the work they created Students who submit papers to Turnitin retain the copyright to the work they created. A copy of submitted papers is retained in a Turnitin database archive to be compared with future submissions—a practice that helps protect and strengthen copyright ownership.

Conclusion

Present scenario in the knowledge society, two things observed, one is plagiarism and tool. In the digital environment on line sources authenticity, and ethical usage of the research output check it is bench mark of quality assurance and protection of property right in cyber area. Research is one of the objectives in universities. Original work protects from the plagiarism. In all spectrum of knowledge is provides for fair use only. The turnitin is a most acceptable one among the software available at present, it is user friendly, coastwise affordable, its coverage of web source is satisfactory, guidelines in operation is easy and trusted by vide spectrum. This is an tool it helps to ensure fair and ethical usage of sources.

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