

# Plagiarism: Study of Prevailing Systems to prevent the Plague

**Maninder Kaur Sood**

Assistant Librarian, DAV University, Jalandhar

E-mail: [maninderkaur\\_sood@yahoo.co.in](mailto:maninderkaur_sood@yahoo.co.in)

## ABSTRACT

*The problem of plagiarism is very serious and spreading day by day with a fast pace. The main reason of increasing this problem is easy access to all types of material available on internet. Plagiarism has spared no field of work may it be business, academia or research. To prevent this problem, now-a-days a large no. of plagiarism detection software's are available either freely or commercially. The purpose of this paper is to give brief description about some of the popular anti-plagiarism software's and how do they work.*

**Keywords:** Plagiarism; anti-plagiarism s/w; Turnitin; Viper; Urkund; writing fraud; plagiarism detection tools.

## 1. INTRODUCTION

The advent of digital technologies, which open up a plethora of useful and credible information for use by students, at the same time expose the risk of unethical and unacknowledged use of other people's work (J Badge, 2009). Plagiarism is basically an act of taking an idea, writing or work of someone else and present as its own. It is necessary to indicate sentences or phrases from any other source. Writing a bibliography in the end of your work is not enough to list the source. Failing to accurately quotation, mention or acknowledge someone else's words or ideas with an internal citation are plagiarism. Plagiarism is considered as an act of fraud in the writing world. With easy availability of information plagiarism has become a bigger problem. Many people copy and pastes material from different sources into their own work without mentioning the source of information. If anyone altering the structure of sentence or words, is also considered as plagiarism. Plagiarism has been around for centuries, but with the use of Internet and easy access to material in electronic format has made it easier to plagiarize materials of others. On the other hand plagiarism detection is now as easy as plagiarizing a document (Richa Tripathy, 2015). Plagiarism is a big problem because it is another way of cheating. Plagiarism is an ever-increasing problem throughout the world today, as the internet, along with technology such as I phones and Tablets, has made accessing another person's useful work as easy as typing a few words into a search bar. Using evidence from past theory and research, we argue that plagiarism by academic scholars occurs due to the growing pressure to publish research, as well as increasing pressure to publish in high- impact top-tier journals (Benson Honig, 2012). Other factors, such as top social science journals demand for complex reasons, increasing competition and availability of impact factor and citation count software's such as Publish or Perish, have further exacerbated the pressure to publish (Bedeian et al., 2010). Various plagiarism detection tools are available. Some detection tools compare only student papers with its own work instead of comparing it with the outside material. With the advancements of technology, improved anti-plagiarism software's are developing which not only check duplicacy of material in one's own work but also available anywhere on the internet. Some anti-plagiarism software's are available free of cost on web and the originality of the work can be checked by using these software's. Some software's need to be downloaded or installed before using but some are completely online and the content can be checked directly by copying text in the box or uploading the file. Some free software's have limitations regarding no. of words or pages that can be checked by those software's. So these are useful for the persons or students who have not to check the vast files or content. Some software's have language barriers and some support only specific browsers, so before using/buying these software's, all these features of the tool must be kept in mind. Some commercial systems come with subscription models and some provide services on credit basis. Some popular

anti-plagiarism software's include Dupli Checker, Urkund, Turnitin, PlagScan etc. The most popular, authentic and widely used software' in educational institutions mainly in universities of India and abroad is Turnitin. But despite availability of these software's, it can't be said that plagiarism will 100% disappear, it can be only reduced but it exists in one or other way.

## 2. OBJECTIVE

The main objective of this paper is to give the brief description about the various available plagiarism detection software's so that academician or researcher can use to check their text or document as per their specific needs.

## 3. TYPES OF PLAGIARISM

Material or research work can be found plagiarized in many ways. Some common types of plagiarism are:

### 3.1 Direct Plagiarism

**Direct plagiarism** is taking someone other's words or ideas directly and present as its own without acknowledging or citations. In this type of plagiarism, most of the structure of the work remains same, only a few words or sentences are removed or interchanged.

### 3.2 Buying Ideas

In this type of plagiarism, someone is hired on payment to write article for the given topic or to complete the given project. The words written in the article or work done is not yours, so it is plagiarized.

### 3.3 Copy Paste

It is the easiest way to reproduce your work by copying some other's text with the help of mouse and paste under your work domain as now-a-day most of the published or unpublished material can be found on the web.

### 3.4 Self Plagiarism

This is a type of plagiarism where the author creates something different using his own idea or concept by doing little modification and represents it as new and different from the first one.

### 3.5 Paraphrasing

Paraphrasing is a form of plagiarism where information and ideas of other's work are used in your paper by summarizing those ideas or information in your own words.

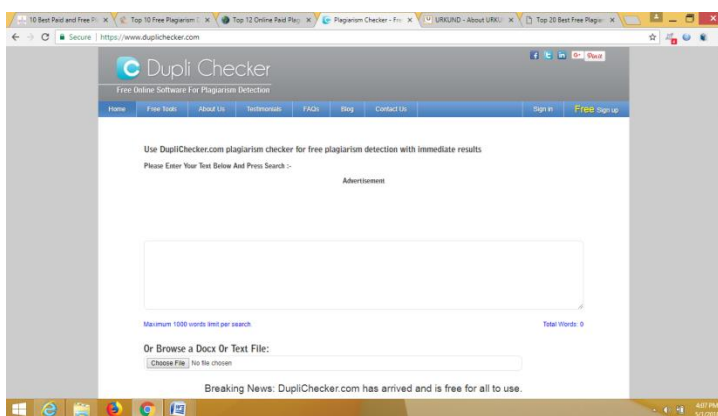
## 4. ANTI-PLAGIARISM SOFTWARES

To tackle the problem of plagiarism in academic and professional research, various software's are available. Some are available free of cost through which authentication of the material can be checked online by following some simple steps. But there are many paid software's also to check the originality of the work. Commercial software's are expensive enough and every individual can't purchase, so they can go for free software's available online. They can be installed or download free of cost and used for checking plagiarism in your content. There are few software's which are available in dual versions i.e. paid subscriptions are available for Checking unlimited documents and for using advance services of the software as the free module provides limited search options. Brief description of some of the most popular anti plagiarism software along with their distinguished features is given below :

### 4.1 Dupli Checker

One of the most popular and most effective and widely used plagiarism detection tool is Dupli Checker. It is very easy to use. You have to open the website [www.duplichecker.com](http://www.duplichecker.com) and on the home screen there is a text box, you have to copy paste your text in the given box or upload the document or text file and click on check plagiarism. Maximum word limit for single search is 1000 words. By this method, in direct plagiarism checking you can do only one search in a day. But if you want to do more than one search you have to register yourself for login account, which is free of cost and by opening your account, you can do 50 searches in single day. The screen shot of the browser (figure: 1) is clearly showing how the document can be checked for plagiarism

Figure:1 Dupli Checker



### 4.2 Plagiarism Checker

It is also fully free plagiarism (figure:2) detection tool. It is very easy to use. By following few easy steps you can check the plagiarism in your content. One time search content limit is 1000 words. For plagiarism checking you need not to download or install the software, you can check the content online. You can copy paste your text in the provided box or upload the file and get the results. The only drawback of this tool is, it only supports Google and yahoo browser. This software provides another very good facility to authors. By clicking 'For authors' option you can check whether your own content has not been plagiarized by others and posted somewhere.

Figure:2 Plagiarism Checker

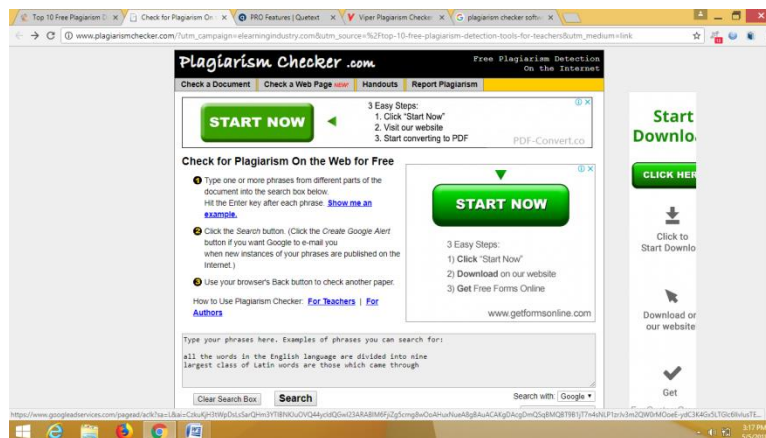
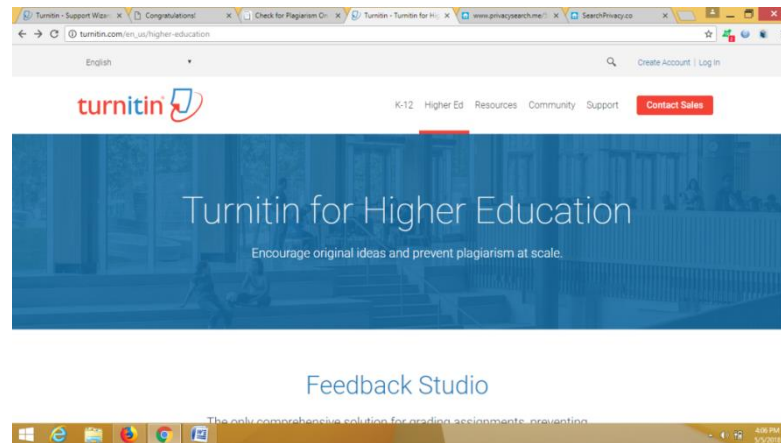




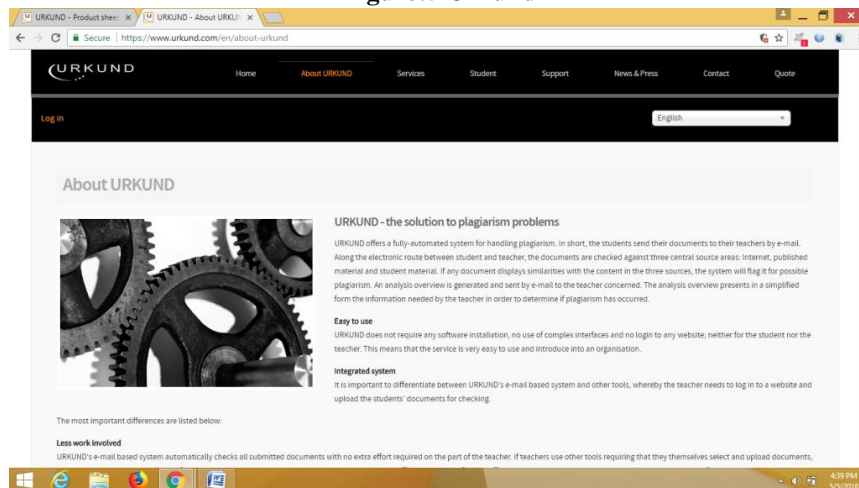
Figure: 4 Turnitin



## 4.5 Urkund

Urkund is another big name in the field of plagiarism detection. It is very easy to use and does not require software installation or download. It is widely used in educational

Figure:5 Urkund



Organizations. Its subscription cost depends upon the model subscribed by the institution keeping in view the number of users. It is fully automated. The students can't do plagiarism check at their own. Students send document to their teacher or guide or supervisor and then at Plagiarism system the document is checked in three core areas i.e. with the published material, internet and the student's previously published text. The analyzed document is then sent to the teacher's email. This is an email based system where no login is required to any website.

## 4.6 PlagScan

It is another plagiarism detection tool, widely used by academic institutions and business organizations as well. Free trial access is available to confirm its suitability to the concerned organization before subscription. To check the plagiarism in content, the text can be copy paste in the given box; file can be uploaded from your storage or can be imported directly from the web. This is a fully online system as no download or installation of the software is

**Figure: 6 PlagScan**



required. There are different packages available for different types of users. For private users or individuals, no subscription model is available. They pay according to their needs e.g. 6500 words, 25000 words, 62500 words and many more but for academic institutions and companies different payment plans are available depending upon no. of users and type of work and license is provided accordingly like access for the entire campus, for a specific deptt etc. Different modules are available for Schools, universities and business to meet their specific needs.

## 4.7 Viper

Viper is another very good plagiarism checking tool, which is very easy to use. It is not necessary to download or install the software. This is a fully online line system where you register yourself and with login credentials can check your text for plagiarism. It is very suitable and supportive for teachers and students. It provides results very quickly and fast. It is available free of cost but some payment options are also available based on credits. No subscription models or versions are available under viper. It supports DOC, RTF, TXT, HTM file formats. But it is useful only for the material in English as it is available only in English. It is compatible with Windows XP/vista/7/8/10 etc.

## 5. Summary

Plagiarism is now-a-days is considered as a serious offence throughout the universe. To prevent this academic disease, a large no. of anti-plagiarism software's are now available in the market. Every software is not suitable for any type of work or content. Some software's only check grammatical mistakes and some are for checking the numerical part. Some software's are restricted to a limited content but some check a large document or file and for a variety of content. Some software's are only for specific language on the otherhand some software's can check content in different languages. Some software's though advertised as free, but has some price options also. So the users can pick the software' as per their requirement. But despite these tools, plagiarism from the learning material is not completely preventive though can be controlled to some extent. The only solution is to reduce the unnecessary stress of publication work on academicians and researcher, rather the focus should be on serious and originality of research work and the faculty and researchers should be encouraged to do the same without pressure. It is the moral duty of the individual to protect his/her material from being plagiarized.



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