

ABSTRACT

This research is to illustrate how the internet is being used today, and why monitoring internet use can help MUET. The main objective of this research work is to observe the internet movement in the university and its misuse and then better policy development for the internet usage. For Internet monitoring lots of protocols and technologies have been developed. It is very necessary to ensure that computers in university are being used for research purpose only. At the same time it is also important for the university to know that which types of websites employees/ faculty members and students are surfing the most. Weather they are accessing pornographic sites, playing internet games, engaged in online trading and posting various advertisements in websites from their desks or busy in freeware/software downloads and using internet radio, TV, streaming media & telephony services?

The internet monitoring system act as the most effective prevention against misuse of the internet in the university and it is legal for universities to monitor and control the internet usage. The internet facility belongs to the university and therefore university has every right to safeguard them. It is ethical for university to prevent faculty members, employees and students to use the internet for personal reasons during office hours.

Poorly designed, communicated monitoring methods have bad effects on students/ faculty member's self-respect and it may be considered attack on privacy. University is another venue where internet accurse. Naturally, most of the educational institutes may be hesited to take insulting approach to prevent the misuse of the internet in offices/ laboratories. There must be practical/ positive way to prevent the misuse of the internet; for that it is compulsory to develop clearly defined policy formula for the internet usage. One policy document in collaboration with the faculty members/ employees and students may be developed.

The research has monitored internet usage through log files before and after the awareness campaign. The university can prevent the internet misuse through blocking the streaming, but at a risk of reducing access to the valuable internet based research resources. Most of the internet monitoring tools may block through streaming sites just for saving the bandwidth, in other sense we are restricting the candidates and faculty members to do the limited/ restricted research.

No downloading & block streaming can save the bandwidth but in a result it will stop faculty members/ students to download online video lectures, and they can't also use online simulators for the academic research;

One of the important gap is that through blocking streaming students and faculty members will not be able to take advantage from the beauty of distance learning courses. It is one of the efficient and effective way for communication some times. Distance learning enables student to attend remote lecture at any where as they are connected with internet and internet is the cheapest solution for information gathering. The university teaching may be based on virtual class rooms; distance learning enabling the students as well as faculty members to communicate face-to-face/ discussion and attends remote lectures.

This research monitors heterogeneous systems through central proxy server. Most of the proxy servers, web servers and operating systems maintain log files for tracing out bugs and user activities. University provides fiber optic network for whole campus to use internet for the purpose of academic research. The university systems are connected with central proxy server of ISP then proxy server establishing connection with internet servers on behalf of its clients. Proxy server maintains the log file. This research analyzed the log data and found that how much a university system is being used for research purpose? And how much it is used for other entertainment activities? The check of log files is repeated before and after the awareness campaign to measure to find out that either awareness campaign has certain impact on the use of internet for leisure activities.