

## ABSTRACTS

Web has become an integral part of our lives. Today, we use web in virtually all the spheres of our daily routine activities like Searching, Communicating, Playing, Calculating etc. The biggest advantage of internet is easy & swift access to the information in the very moment that we desire. Easy, Accurate and On-demand information within split second is one of the powerful discoveries ever made by mankind which empowers everyone of us to remain connected with everyone and every event, anytime.

Searching of updated information requires an automatic procedure that intelligently works robotically to fetch, collect and update latest information of the events happening around the world. This automatic procedure is called *Web Crawler*. A web crawler is a program which owes the task of dipping into the large database of information and collecting the updated information about the events and tasks that happen every second, globally.

The World Wide Web or WWW is a global, large repository of information like text documents, images, multimedia, movies, high definition data and much other information, referred to as information resources. A large amount of new information is posted on the WWW every second, every day.

Web Crawler is an essential part of search engines or more specifically, searching activities which is used by all of us to find any information on the web. These programs persistently work in the back-end in order to collect updated data from World Wide Web and store them in the large repositories or database which is used by search engines like Google, Bing, MSN, etc. in order to fulfil the search queries of global users.

We know that web is a mesh of interconnected or correlated information. In other words, every web page is usually connected to some other web page which facilitates the user to search not only for the information that he/she requires but also, more related or other interesting information. For ex: When we open <http://www.google.com>, it does consist of a text field through which we can search