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Editorial

The **Journal of Information Technolgoy Review (JITR)** has successfully completed its maiden volume last year. In the beginning of the new volume, we have detailed plans for specific thematic issues. The first issue of this volume has five following papers.

Salah S. Al-Rawi Belal Al-Khateeb in the paper on *'Specialized Search Engines for Arabic Language'* has provided empirical evidences about the efficiency of a few search engines in handling Arabic keywords. To do such evaluation, he did a good comparison among the number of retrieved pages, retrieving time, and stability (in both the number of retrieved pages and the order for each retrieved page). He concluded that Google scores better than other ones based on the tested data.

Internet has pervasive applications and significance in the real life of users and perhaps considered as the most impactful medium in the society. How end users exploit and whether there is any imbalance in terms of sex exists in the Internet usage? *Rozita Jamili Oskouei* and *Phani Rajendra Prasad Sajja* in their paper did an investigation of Internet usage behaviors among faculty members in different periods. They tried to analyze different affects of these behaviors on their personal, social and professional behaviors with the help of analyzing proxy server's access log files, which were collected for the period of 30 months.They came up with interesting results and presented them in their paper on *'Exploring Different Affects of Internet Usages on Female Users' Social and Academic Behaviors'*.

E-learning has been widely addressed in literature with the help of a very large number of studies. The study on *Collaborative structures for universal E-Learning* by *Ali Sajedi Badashian, Asghar Dehghani Firouzabadi* and *Morteza Ashurzad Delcheh* enable to introduce the concept *'Knowledge Tree'* (KT) that addresses an integrated virtual structure which can be used in the educational systems. They propose the collaborative structure and utilized to define a universal curriculum for various university majors worldwide to maximize e-learning capabilities. They have shown that their system works well in educational systems.

End users now increasingly rely on electronic service particulalry to access and carry out Govermental work. However, this leads to the breach of privacy as observed by *Sandra J. Leonetti* in her paper on *'Web enabled enhanced Electronic Service and Privacy Breach'*. Her study reviewed that the critical web based defences designed by the government to fend off web attacks that may threaten the privacy of citizens when they use web enabled services. She presented extensive discussions on strategies where users can deploy in order to ensure they protect their own privacy.

The data models based graphs are very important in several applications. To utilize the graphs for vairous applications, it is important to have a good optimized efficient query processing over graph databases. Realizing such potential, *Mohamed Saber, Mostafa Aref and Tarek F. Gharib* in their paper on *'Data based elegant models for Super Graph query processing'* proposed a technique which consists of an index called eIndex and a query processing algorithm. With the help of polynomial time algorithms, the proposed technique reduces the subgraph isomorphism tests required for query processing and hence the total processing time is reduced. They have supported their techniques with good empirical data sets and results.

We will bring a couple of special issues in this second volume.

Editors