

## **M.SC. COURSE IN INFORMATION TECHNOLOGY (e-Learning)**

### **Course Dissertations (Abstracts) 2007/2008**

#### **AL-SULAIMAN, Khalaf (Supervisor Roger Rist) Develop, Define and Design Personalized Web-Based Learning for VAK Learning Styles**

Nowadays there are many education systems that provide convenient user access, powerful features and are interactive with users, for example, the 3DE project and CAE system. However there is still a gap in this area in providing the learning material to the learners with preferred methods depending upon on their learning style.

E-learning environment's goal is to deliver the knowledge to the learners according to their needs, whenever and wherever they desire it. However, the learning systems are void of "all-fit-in-one". Most of people use the three main sensory recipients which include Vision, Auditory, or Kinesthetic (VAK), for example visual people preferred see things, auditory people chosen hearing spoken things and kinesthetic people like movement or attractive stimulation. VAK learning Style uses these sensory recipients to decide the dominating learning style for learners. Personalization offers the potential to deliver services and information that tailored specifically to individual's need.

The major aim of the research is to improve, define and design the web based studies as of VAK. This would be a major improvement from the traditional "one-fits-all" approach to teaching. Although this project needs theories such as Learning Style, Computer in Teaching, Personalize, Individual Difference and Artificial Intelligent to support it. A detailed discussion provided by some examples is given.

The out come obtained from this research is that if the way in which information is delivered considering the impotency of the information itself (i.e. learning materials are classified not only for their content, but also for the way in which the content is presented), learning will be more efficient.

#### **WELLS, Stuart (Supervisor Pier Frisco) Framework for e-Journals**

A journal exists to communicate findings from the latest research in a particular subject area. Research work is submitted to the journal in the form of a manuscript. Each manuscript is assessed by the journal and acceptable manuscripts are published (Wikipedia Peer Review, 2008).

Assessment of a manuscript seeks to answer two basic questions. Firstly, is the research work relevant to the subject area by the journal? Secondly, does

the research work make a significant contribution to that subject area? This is determined through the process of peer review.