

## **TERM PAPER PROPOSAL**

### **Title: Web Intelligence: A New Paradigm for Virtual Communities and Web Science**

The web has transformed communication and information sharing, offering capabilities beyond traditional media like radio, telephone, and television. It has left us pondering the next major shift in the World Wide Web's evolution. Web Intelligence (WI) emerges at the intersection of artificial intelligence, web technology, and information systems, exploring their profound impacts on web-based products and services. WI is integral to promising fields like Web Science and Grid Computing, underpinning virtual communities and knowledge services. This overview delves into WI's current state, addressing both theory and applications, while also highlighting the significance of Grid Computing and Web Science.

**Reference:** Abdel-Badeeh M. Salem, Web Intelligence: A New Paradigm for Virtual Communities and Web Science, 2007 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services