

# **Abstract**

**Essam Kosba**

## **The Evaluation of an Intelligent Teacher Advisor for Web Distance Environments**

There is a lack of automatic features to help instructors to effectively manage distance courses delivered with Web Course Management Systems (WCMS). We have developed a system named TADV (Teacher ADVisor) that uses student tracking data to build fuzzy student, group, and class models to generate advice that highlights important situations to instructors; recommends feedback to be sent to students. This paper presents an evaluative study which shows that TADV provides practical and effective advice valued by both teachers and students. The instructors became more knowledgeable about what was happening in the distance class; were able to send regular feedback to the students. There was improvement in the students' overall satisfaction and their link with instructors.