

## **Quantifying the usage of multimedia on a web based e-learning module**

### *Research Abstract*

Protyush Banerjee (Missouri University of Science and Technology), Wen-Bin Yu (Missouri University of Science and Technology) and Ronaldo Luna (Missouri University of Science and Technology)

The purpose of this experiment is to quantify the usage of the multimedia for providing information. The study carries out on how do students use multimedia tool to support their learning during an environmental course lab? What is the usage between the text version and the video? Students performed a lab by following step by step instruction in order to find the problem related to ambient ozone exposure. The result includes that the usage of multimedia (in this case, video) increases when the complexity of the task and the length of the instruction increases.