**Praveen, K., Kashyap, S., Mittal, A., & Gupta, S. (2005). A fully automatic question answering system for intelligent search in e-learning documents. *International Journal on E-Learning*, 4(1), 149-167.**

Keyword: Information retrieval, e-learning, academia, natural language processing, business

A vast amount of information is available that can be useful in e-learning. E-learning is practiced not only by universities, but by businesses as well. Businesses are turning towards online learning as a convenient means of employee training and education. Much of the available online information, however, is untapped due to a lack of an effective information retrieval system. Search engines used for web searching are not effective tools for searching e-learning documents such as PowerPoint slides, digital text, and FAQs. The online learner often does not know where the topics covered in class can be found. Table of contents or indexes are often not sufficient to find the information either.

Praveen, Kashyap, Mittal, and Gupta (2005) describe an automatic Question-Answering (QA) System through which students can ask a question in a natural language and receive an answer quickly and efficiently. Natural Language Processing (NLP) techniques are used to identify the structure of the question. The system then consults its knowledge base to find the answers to the questions. Specialized QA system that answer natural language question by consulting a repository of documents have been developed and can be used in this case.