Abstract

Information retrieval is an important research area in computer science. Information retrieval is concerned with the storage of text documents and their subsequent retrieval in response to user's requests for information. There are several Information Retrieval models developed for efficient document retrieval. In this survey paper we describe major IR models which are used for various document retrieval purposes. A suitable method for an effective Malayalam monolingual information retrieval system is also proposed here.

References

- Pinaki Bhaskar, Amitava Das, Partha Pakray and Sivaji Bandyopadhyay, "Theme Based English and Bengali Ad-hoc Monolingual Information Retrieval in FIRE 2010".
- B. Ribeiro-Neto, R. Muntz, "A belief network model for IR" in: Proceedings of

**Index Terms**

Computer Science  
Pattern Recognition
Keywords

Boolean Model  vector space Model  Probabilistic Model  Bayesian network Model

Inference Network Model

Latent Semantic Indexing

Neural Network Model

Ontology