

# NEWS TRACKER APPLICATION

## LITERATURE SURVEY :

S.No	Topic	Author	Abstract	Year	Accuracy
1.	Opinion Extraction, Summarization and tracking in News	Lun Wei Ku, Yu Ting Liang, Hsin hsi Chen	TREC, NTCIR and articles collected from web blogs and news serve as the info sources of opinion extraction. Algorithms for opinion extraction at word, sentence and document level are proposed. The issue of relevant sentence selection is discussed, and then topical and opinionated information are summarized and visualized by representative sentences.	2003	85%
2.	News Classification	Mazhar Iqbal Rana, Sherzad Khalid, Muhammad Usman Akbar	The proposed system focuses on full news, huge documents, long length texts etc. It is more prominent as compared to the short length text. Text classification process, classifiers, and numerous feature extraction methodologies but all in context of short texts i.e.	2014	76%

			news classification based on their headlines. Existing classifiers and their working methodologies are being compared and results are presented effectively .		
3.	Breaking News Detection and Tracking in Twitter	Swit Phuvioadawat, Tsuyoshi Murata	Mainly Twitter has been used as one of the communication channels for spreading breaking news. We propose a method to collect, group, rank and track breaking news in Twitter. Since short length messages make similarity comparison difficult, we boost scores on proper nouns to improve the grouping results based on popularity and reliability factors.	2010	78%
4.	Tracking News stories across different sources	Yun Zhai, Mubarak Shah	Tracking method in which links news stories on the same topic across multiple sources. The semantic linkage between the news stories is reflected in combination of both their visual content and their spoken language content. Visually, each news story is represented by a set of key-frames with or without detected faces. The facial	2005	80%

			key-frames are linked based on the analysis of the extended facial regions, and the non-facial key-frames are correlated using the global Affine matching.		
5.	Learning approaches for detecting and tracking news events	Y. Yang, J.G. Carbonell, R.D Brown, T. Peirce, B.T. Archibald	The article discusses our research using manually segmented documents. It used supervised learning and unsupervised clustering algorithms to allow document classification based on the information content and temporal aspects of news events. They've adapted several IR and machine learning techniques for effective event detection and tracking.	1999	60%