

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/304353410>

News-Con: Context Based News Headline Construction Tool

Patent · March 2016

CITATIONS

0

READS

15

2 authors:



[Urmila Shrawankar](#)

Rashttrasant Tukadoji Maharaj Nagpur University

223 PUBLICATIONS 780 CITATIONS

SEE PROFILE



[Kranti Wankhede](#)

Raisoni Group of Institutions

3 PUBLICATIONS 8 CITATIONS

SEE PROFILE

Title of Invention	News-Con: Context Based News Headline Construction Tool
Name of Inventors	Urmila Shrawankar & Kranti Wankhede
File Number	National (India), 201621007972
File Date	08/03/2016

Abstract :

Usually long news article contains large amount of information. Many a times due to lack of time people are unable to read whole news article. Therefore, headline is required in order to get complete idea of news without reading whole news article. To cater these needs, NewsCon has implemented for context based news headline construction. The extractive and abstractive approaches are conventionally used for news headline generation. But in this tool a combinational approach is used for headline construction by using keywords/key-phrases along with parsing technique of Natural Language Processing (NLP). The keyphrase extraction algorithm (KEA) is used to extract key-phrases from input news text. Respective news domain word thesaurus and some other approaches are used for retrieving keywords from news text. Proper headline syntax can be constructed by using parsing technique. Headline is useful to reduce the reading and interpretation time for getting the complete idea of entire news article. The objective of this tool is to save reader's time and effort in finding the useful information in a detail news article.