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INSTITUTE OF ENGINEERING
PASHCHIMANCHAL CAMPUS, LAMACHAUR-16**

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**A MAJOR PROJECT REPORT ON
“NEWS RECOMMENDATION”**

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Submitted to

Department of Electronics and Computer Engineering

Pashchimanchal Campus

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Department of Electronics and Computer Engineering

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LETTER OF APPROVAL

The undersigned certify that they have read and recommended to the Institute of Engineering for acceptance, a project report entitled “NEWS RECOMMENDATION” submitted by “ANKIT KARKI, KIRAN PARAJULI, NIMESH BABU OLI AND SHANKAR NEUPANE” in partial fulfillment for the degree of Bachelor of Engineering in Computer Engineering.

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ABSTRACT

Online news reading has become very popular as the web provides access to news articles from millions of sources around the world. But a key challenge of news app is to find out the news that is relevant to a particular user. In this paper, we represent our report on developing personalized news recommendation applications. We use the combination of multiple ML classifiers for finding the category in which the user may be interested and assume the category on which most of the classifiers are agree. Then we fetch the news of that predicted category. Then we find the most similar news among them to users previously selected news using the cosine similarity. We then sort the news according to the similarity score after which we recommend the news to the user.

Key Words: News, Personalization, Collaborative Filtering, News trend, Machine Learning.

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