

DETECTING FAKE ACCOUNTS ON SOCIAL MEDIA USING RECURRENT NEURAL NETWORKS

*A project report submitted in partial fulfillment of the requirements for the award of the
Degree of*

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

Submitted by

Besetti Renuka Aparna (17811A0505)

Bheemuni Durga Bhavani (17811A0507)

Chinta kiran kumar (17811A0516)

N.D.T Venkatesh (17811A0532)

Under the guidance of

Mrs.J.L.MADHURI,Mtech

Assistant professor

Department of Computer Science and Engineering



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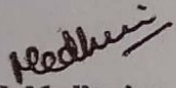
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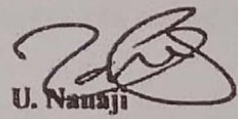
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CERTIFICATE

This is to certify that the project entitled "DETECTING FAKE ACCOUNTS ON SOCIAL MEDIA USING RECURRENT NEURAL NETWORKS" in partial fulfillment for the of degree of Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING, at AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAKAVARAPALEM, VISAKHAPATNAM is an bonafied work carried out by Besetti Renuka Aparna(17811A0505), Bheemuni Durga Bhavani(17811A0507), Chinta Kiran Kumar(17811A0516), N.D.T. Venkatesh(17811A0532) under the guidance and supervision during 2020-2021.


J.L. Madhuri
Project Guide


U. Nanaji
Head of the Department

External Examiner

ABSTRACT

Nowadays, the usage of social networking is rapidly increasing with the present generation. Whatever news and content in need are available on social networking websites and it is widely spread among people in a brief period. Online social networks (OSNs) have become increasingly popular, impacting people's social lives and urge them to become associated with various social media sites. Social Networks are the essential platforms through which many activities such as promotion, communications, agenda creation, advertisements, and news creation have started to be done. Adding new friends and keeping in contact with them and their updates has become more accessible. Researchers have been studying these online social networks to see the impact they make on people. Some malicious accounts are used for purposes such as misinformation and agenda creation. Detection of malicious accounts is necessary. Machine learning algorithms can be used to detect fake accounts on social media platforms by various mechanisms. In present days, detecting fake accounts in social networks is a big task, and it's a significant area for researchers. This project was proposing a method for detecting fake accounts using recurrent neural networks.

Keywords: Online Social Networks (OSNs), Machine learning algorithms, Recurrent Neural Networks (RNNs)