NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
2022 -2026

Batch Number	DB-3
Team Members	SHAIK SIRAZ (22471A05O2) SHAIK MALKA JAN SHAFI (22471A05O9) NUTI NANDA KAMESWAR (23475A0504)
Guide	CH.Chandra Sekhar M.Tech,(Ph.D)
Title	FAKE NEWS ANALYSER
Domain/Technology	DEEP LEARNING
Base Paper Link	https://ieeexplore.ieee.org/document/10412049
Dataset Link	https://www.kaggle.com/datasets/clmentbisaillon/fake-andreal-news-dataset
Software Requirements	Browser: Any latest browser like Chrome Operating System: Windows 7 Server or later Python (COLAB)
Hardware Requirements	System Type: Intel Core i5 or above RAM: 8 GB Number of cores:5 Number of Threads: 4
Abstract	The spread of fake news has become a critical problem in recent years due extensive use of social media platforms. False stories can go viral quickly, reaching millions of people before they can be mocked, i.e., a false story claiming that a celebrity has died when he/she is still alive. Therefore, detecting fake news is essential for maintaining the integrity of information and controlling misinformation, social and political polarization, media ethics, and security threats. From this perspective, we propose an ensemble learning-based detection of multi-modal fake news. First, it exploits a publicly available dataset Fake edit consisting of over 1 million samples of fake news. Next, it leverages Natural Language Processing (NLP) techniques for preprocessing textual information of news. Finally, it passes the embeddings to the deep learning ensemble model for training and testing.

Signature of the student(s)   **Signature of the Guide**   **Signature of project coordinator**