



G. Narayanamma Institute of Technology & Science (For & Women) (Autonomous)

Approved by AICTE, New Delhi & Affiliated to JNTUH,
Hyderabad Accredited by NBA & NAAC, an ISO 9001:2015
Certified Institution Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

GN-R-18 (2022 - 2023) II B.Tech II Sem Hobby Project

on

"Weather Prediction"

Abstract:

Predicting weather conditions is traditionally done with the help of complex physics and mathematical models which depend on numerous atmospheric conditions spanning over a longtime frame.

The intention of the project is to predict some of the important weather conditions. The technique incorporated for the project is web application. This can make an impact on daily commute, planning for Agricultural practices, preparing for emergency situations, Air Traffic, Marine, Military, Navy etc.

This system will predict weather based on the place you enter it gives you the information of temperature, humidity, wind and it will predict whether it rains or not. This project differs from existing projects by giving the information about the prediction of rain in their own comfortable language that is in Hindi, English, Telugu. If planning to go to a new place want to know the temperature just enter the place name and know the temperature and find out whether it rains or not and plan your trip. Sometimes if the results are not accurate, they will be approximate

Software Requirements: java script, HTML, CSS

Hardware Requirements: Intel core i3, 8GB RAM, Windows OS.

Dept R&D: No

* If No : GNITS



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