

A Course Based Project Report on
**Predictive Analytics for Disease Spread Using
COVID-19 Data**

Submitted to the
Department of CSE-(CyS, DS) and AI&DS

in partial fulfilment of the requirements for the completion of course
MODELS IN DATA SCIENCE LABORATORY(22PC2DS301)

BACHELOR OF TECHNOLOGY

IN

Department of CSE-(CyS, DS) and AI&DS

Submitted by

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**VALLURUPALLI NAGESWARA RAO VIGNANA
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**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
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Department of CSE-(CyS, DS) and AI&DS



CERTIFICATE

This is to certify that the project report entitled "**Predictive Analytics for disease spread using COVID – 19 Dataset**" is a bonafide work done under our supervision and is being submitted by **Mr. C Sai Charith (23071A6778)**, **Mr CH. Karthik (23071A6780)**, **Mr. Kirthan Vivek (23071A6785)**, **Mr. G. Ruthvik (23071A6789)** in partial fulfilment for the award of the degree of **Bachelor of Technology** in **CSE-(CyS, DS) and AI&DS**, of the VNRVJIET, Hyderabadduring the academic year 2025-2026.

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DECLARATION

We declare that the course based project work entitled "**Predictive Analytics for disease spread using COVID – 19 Dataset**" submitted in the Department of **CSE-(CyS, DS) and AI&DS**, Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology, Hyderabad, in partial fulfilment of the requirement for the award of the degree of **Bachelor of Technology in CSE-(CyS, DS) and AI&DS** is a bonafide record of our own work carried out under the supervision of **Mrs.N.Madhuri, Assistant Professor, Department of CSE-(CyS, DS) and AI&DS , VNRVJIET**.Also, we declare that the matter embodied in this thesis has not been submitted by us in full or in any part there of for the award of any degree/diploma of any other institution or university previously.

Place: Hyderabad.

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