

A Course Based Project Report on
**Wi-Fi Network Traffic Prediction System using
Machine Learning**

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

in partial fulfilment of the requirements for the completion of course
**COMPUTER NETWORKS AND ETHICAL HACKING
LABORATORY (22PC2CY201)**

BACHELOR OF TECHNOLOGY

IN

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

Submitted by

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November 2025

**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
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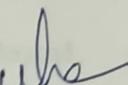
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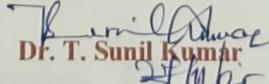
CERTIFICATE

We declare that the project report titled "**Wi-Fi Network Traffic Prediction System using Machine Learning**" is abonafide work done under our supervision and is being submitted by **Ms. B. AKSHITHA(23071A06776)**, **Ms. B. MANASWINI(23071A6777)**, **Mr. C. SAI CHARITH(23071A6778)**, **Ms. CH. ROHITHA(23071A6779)**, **Mr. CH. KARTHIK(23071A6780)** 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 "**“Wi-Fi Network Traffic Prediction System using Machine Learning”**" 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.G.Usha Rani, 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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