

A Course Based Project Report on
**IPV4 AND IPV6 ADDRESSING AND SUBNET
CALCULATOR TOOL**

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 (22PC1CY201)

BACHELOR OF TECHNOLOGY

IN

CSE-DATA SCIENCE

Submitted by

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INSTITUTE OF ENGINEERING & TECHNOLOGY**

An Autonomous Institute, NAAC Accredited with 'A++' Grade, NBA
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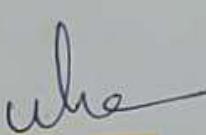
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College with Potential for Excellence by UGC, JNTUH-Recognized Research Centres: CE, EEE, ME, ECE, CSE, Vignana Jyothi
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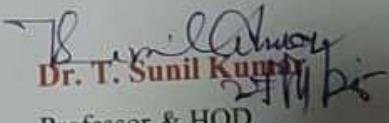


CERTIFICATE

This is to certify that the project report entitled "**IPV4 and IPV6 Addressing and Subnet Calculator Tool**" is a bonafide work done under our supervision and is being submitted by **Miss. Divya (24075A6711), Miss Tulsi Prasanna (23071A67A0), Miss R. Akhila (24075A6712), Miss U. Vyshnavi (24075A6714), Mr. Jayaraj (24075A6713), Mr. Pradeep (23071A6799)** in partial fulfillment for the award of the degree of **Bachelor of Technology in CSE-Data Science**, of the VN RVJET, Hyderabad during the academic year 2025-2026.


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DECLARATION

We declare that the course based project work entitled "**IPV4 AND IPV6 ADDRESSING AND SUBNET CALCULATOR TOOL**" submitted in the Department of **CSE-(CyS, DS) and AI&DS**, Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology, Hyderabad, in partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology in CSE-Data Science** is a bonafide record of our own work carried out under the supervision of **Mrs. G.Usharani, 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 thereof for the award of any degree/diploma of any other institution or university previously.

Place: Hyderabad.

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We express our thanks to all those who contributed for the successful completion of our project work.

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