

**A FLEXIBLE HYBRID BEHAVIOR DYNAMIC
METHODOLOGY FOR NETWORK INTRUSION
DETECTION USING CONVOLUTIONAL NEURAL
NETWORK**

A PROJECT REPORT

Submitted by

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Under the guidance of

Ms. P. JAYALAKSHMI ,M.E

(Assistant Professor, Department of Computer Science and Engineering)

in partial fulfilment for the award of the degree

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

of

FACULTY OF ENGINEERING AND TECHNOLOGY



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

RAMAPURAM CAMPUS, CHENNAI -600089

MAY 2023

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BONAFIDE CERTIFICATE

Certified that this project report titled “**A FLEXIBLE HYBRID BEHAVIOR DYNAMIC METHODOLOGY FOR NETWORK INTRUSION DETECTION USING CONVOLUTIONAL NEURAL NETWORK**” is the bonafide work of **VISWANATH V S [RA1911003020012]**, **SURENDHARAN T G [RA1911003020021]**, **NAVEEN PK [RA1911003020054]** who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form any other project report or dissertation on the basis of which a degree or award was conferred on an occasion on this or any other candidate.

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INTERNAL EXAMINER

EXTERNAL EXAMINER

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DECLARATION

We hereby declare that the entire work contained in this project report titled **“A FLEXIBLE HYBRID BEHAVIOR DYNAMIC METHODOLOGY FOR NETWORK INTRUSION DETECTION USING CONVOLUTIONAL NEURAL NETWORK”** has been carried out by **VISWANATH V S [RA1911003020012], SURENDHARAN T G [RA1911003020021], NAVEEN PK [RA1911003020054]** at SRM Institute of Science and Technology, Ramapuram Campus, Chennai- 600089, under the guidance of **Ms. P. JAYALAKSHMI, Assistant Professor**, Department of Computer Science and Engineering.

Place: Chennai

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Degree/ Course : B. Tech

Student Name : Viswanath VS, Surendharan TG, Naveen PK

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Title of Work : A Flexible Hybrid Behavior Dynamic Methodology for Network Intrusion Detection using Convolutional Neural Network

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