

**SIMATS SCHOOL OF ENGINEERING**

**SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES**

**CHENNAI-602105**

**Automated Network Security Testing Tools**

**A CAPSTONE PROJECT REPORT**

*Submitted in the partial fulfillment for the award of the degree of*

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION TECHNOLOGY**

**Submitted by**

**<Student1> (Reg no)**

**<Student2> (Reg no)**

**<Student3> (Reg no)**

**Under the Supervision of**

**Rajagopal K**

**SEPTEMBER 2024**

**DECLARATION**

We, **Nithin kumar.V, Yuvaraj. R, Harish. S, Jaivignesh. S**, students of **Bachelor of Engineering in Information Technology**, Department of Computer Science and Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Chennai, hereby declare that the work presented in this Capstone Project Work entitled **Automated Network Security Testing Tools** is the outcome of our own bonafide work and is correct to the best of our knowledge and this work has been undertaken taking care of Engineering Ethics.

(Nithin Kumar.V 1921121073)

(Yuvaraj.R 192121098)

(Harish.S 192121116)

(Jaivignesh.S 191911009)

Date:

Place:

**CERTIFICATE**

This is to certify that the project entitled **“Automated Network Security Testing Tools”** submitted by **Nithin Kumar.V, Yuvaraj.R, Harish.S, Jaivignesh.S** has been carried out under my supervision. The project has been submitted as per the requirements in the current semester of B. Tech Information Technology.

Teacher-in-charge

Rajagopal K

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| 3 | **Project Description**  About your project |
| 4 | **Problem Description**  Program to build a simple Software for < > |
| 5 | **Tool Description**  User interface  Features |
| 6 | **Operations**  Store the First name of the student.  Store the Last name of the student.  Store the unique Roll number for every student.  Store the CGPA of every student.  Store the courses registered by the student. |
| 7 | **Approach / Module Description / Functionalities**  The idea is to form an individual functions for every operation. All the functions are unified together to form software. |
| 8 | **Implementation**  Coding |
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