

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057

Department of Computer Science and Engineering

Certificate



Certified that the project work entitled "DESIGN AND IMPLEMENTATION OF APPLICATION OF NETWORK SECURITY" carried out by, ANUSHA S(1SG12CS009), C RAKSHITH (1SG12CS021), CHAITRA M (1SG12CS023), MEGHA JM (1SG12CS056) bonafide students of this institute, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the academic year 2015-16. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. This project report has been approved as it satisfies the academic requirements in respect of Project work (10CS085) prescribed for the said degree.

Rspr Lapi
19.05.16

Signature of the Guide

Mr. Rajeev Bilagi
Associate Professor

Dr. C.M. Prashanth
19/5/16

Signature of the HOD

Dr. C.M. Prashanth
Professor & Head

Dr. Aswatha Kumar M

Signature of the Principal

Dr. Aswatha Kumar M

Principal
Dr. Aswatha Kumar. M
Principal
Sapthagiri College of Engineering
No. 14/5, Chikkasandra,
Hesaraghatta Main Road,
Bangalore-560 057
Signature with date

Name of the Examiners

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ABSTRACT

Network security checking is a vital process to assess and to identify weaknesses in the network for management of security. The weaknesses to be identified are the vulnerabilities which affect the normal functioning of the network. An application is created, which will scan all the systems present in the network. The application uses the pattern matching technique to identify the vulnerabilities. Once the scanning is done, a log file containing the details of the files detected is created. As an alerting system, the log file is sent to the network administrator as well as the registered user via e-mail.