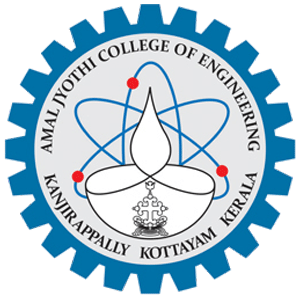
****

**Amal Jyothi College of Engineering**

**Kanjirappally, Kerala**

**ARMITAGE**

**MCA SEMINAR REPORT**

*Submitted in the partial fulfillment of the requirements for the*

*Award of the Degree in*

Master of Computer Applications

By

**RAHUL.R**

Reg No.:AJC16MCA-D44

*Under The Guidance Of*

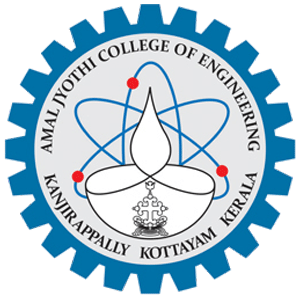
**Ms. SHELLY SHIJU GEORGE**

**November 2017**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**AMAL JYOTHI COLLEGE OF ENGINEERING**

**KANJIRAPPALLY**

****

**CERTIFICATE**

*This is to certify that the seminar report*, “**ARMITAGE”** *is the bonafide work of* **RAHUL.R (Reg.No:AJC16MCA-D44)** *in partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications under APJ Abdul Kalam Technological University during the year 2017.*

**Internal Guide Coordinator**

**Ms. SHELLY SHIJU GEORGE Ms. JETTY BENJAMIN**

**Fr. Rubin Thottupuram**

**Head of the Department**

**ACKNOWLEDGEMENT**

First and foremost, I thank God almighty for his eternal love and protection throughout the seminar. I take this opportunity to express my gratitude to all who helped me in completing this seminar successfully. It has been said that gratitude is the memory of the heart. I wish to express my sincere gratitude to our manager **Rev. Fr. Dr. Mathew Paikatt** and Principal **Dr. Z V Lakaparampil** for providing good faculty for guidance.

I owe a great depth of gratitude towards our Head of the Department Fr. Rubin Thottupuram for helping us. I extend my whole hearted thanks to the seminar coordinator Ms. Jetty Benjamin for her valuable suggestions and for overwhelming concern and guidance from the beginning to the end of the seminar. I would also like to express sincere gratitude to my guide, Ms. Shelly Shiju George for her inspiration and helping hand.

I thank our beloved teachers for their cooperation and suggestions that helped me throughout the seminar. I express my thanks to all my friends and classmates for their interest, dedication, and encouragement shown towards the seminar. I convey my hearty thanks to my family for the moral support, suggestions, and encouragement to make this venture a success.

**ABSTRACT**

**Kali Linux.**

Kali Linux is a Debian-based Linux distribution aimed at advanced Penetration Testing and Security Auditing.

Kali Linux was born and released on March 13th, 2013.

It's a security-focused version of Linux that offers a large number of tools to seek out weaknesses and secure your network.

Kali contains several hundred tools which are geared towards various information security tasks, such as Penetration Testing, Security research, Computer Forensics and Reverse Engineering

**Armitage**

Armitage is a scriptable red team collaboration tool for Metasploit that visualizes targets, recommends exploits, and exposes the advanced post-exploitation features in the framework.

The major **advantages** of using this tool are that it recommends the exploits, has advanced post-exploitation features, and is a very good visualization of the targets. We can scan a particular target or import data from other security scanners, which can then be used in **Armitage** for further attacks.

**CONTENTS**

|  |  |  |
| --- | --- | --- |
| 1 | INTRODUCTION | 1 |
| 2 | INTRODUCTION TO ARMITAGE | 2 |
|  | 2.1 ARMITAGE |  |
|  | 2.2 FEATURE  2.3 USE JAVA 1.7  2.4 INSTALLING ARMITAGE |  |
|  |  |  |
| 3 | IMPLEMENTATION OF TOOL | 4 |
|  | 3.1 STARTING ARMITAGE |  |
| 4 | STEPS TO EXPLOIT PERSONAL COMPUTER | 5 |
|  | 4.1 SCAN |  |
|  | 4.2 FIND ATTACKS |  |
|  | 4.3 LAUNCHING EXPLOITS |  |
|  | 4.5 AUTOMATIC EXPLOITATION |  |
| 5 | CREATING PAYLOADS | 9 |
|  | 5.1 CLIENT SIDE PAYLOADS  5.2 PAYLOAD HANDLER |  |
| 6 | CONCLUSION | 13 |
|  | REFERENCES | 14 |