18CSEVAC01 - CYBER SECURITY AND ETHICAL HACKING
EVENT REPORT

Name of the Course: "CYBER SECURITY AND ETHICAL HACKING"

Name of the Instructor: Dr. M.R.M. Veeramanickam., Associate Professor, CUIET, Punjab.

Year and Branch: II, III & ME-CSE - COMPUTER SCIENCE AND ENGINEERING

Duration of Course: 32 Hrs (**17.09.2018** to **22.09.2018**)

SUMMARY OF THE EVENT:

The Course was inaugurated on **17.09.2018** at 8.30 am by our respectable Principal and HOD. As per the Course plan session was started and went smooth for the Remaining days. On the last day **22.09.2018** by 3.30 pm the course was Completed Successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained Knowledge on **"Cyber Security and Ethical Hacking"**

ASSESMENT MODE:

No of Students Enrolled: 65   Scheme of Exam: Offline

No of Students appeared: 65   No of Students Passed: 65
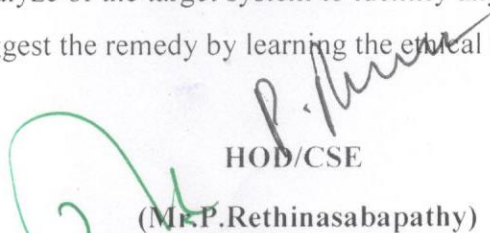
Date of Exam: 22.09.2018

OUTCOME:

This course covered the fundamental concepts of Cyber Security, information security, ethical hacking. After the completion of this course, the students were able to measure the performance and troubleshoot cyber security system. They can also conduct investigation and analyze of the target system to identify any security or system vulnerability from the hacker's point of view and suggest the remedy by learning the ethical hacking.

COORDINATOR

(Mrs.M. Divya)

HOD/CSE

(Mr.P.Rethinasabapathy)

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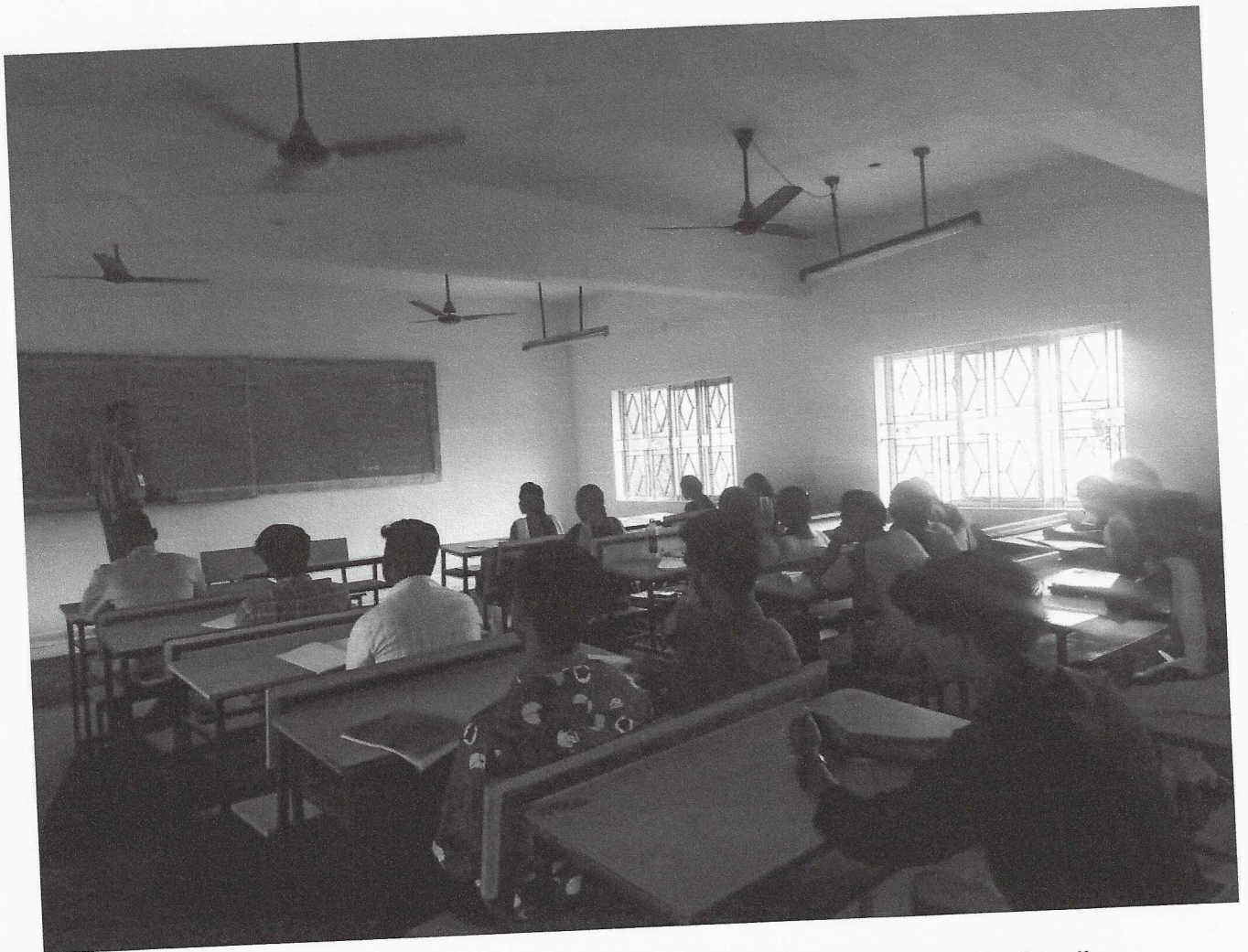Thirupachur, Thiruvallur - 631 203

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18CSEVAC01 – "CYBER SECURITY AND ETHICAL HACKING"

Value Added course on the topic "Cyber Security and Ethical Hacking"
by Dr. M.R.M. Veeramanickam., Associate Professor, CUIET, Punjab.

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REQUEST LETTER

From

Mr.P. Rethinasabapathy
HOD / CSE
SVCET
Thirupachur.

Permitted

To

The Principal
SVCET
Thirupachur.

Respected sir,

Sub: Requesting permission to conduct a 6 Days value added course –Reg

As the Head of **Computer Science and Engineering** Department, I would like to request your support and permission to conduct Training Program on **"Cyber Security and Ethical Hacking"** in our department. There is a need that has been identified of keeping the students up to date with the new technologies. Most students would not have knowledge on this area which is not our available in our curriculum. So, there is need for a there is need for this program to challenge the IT opportunities.

The dates for the Training program have been fixed. The Training will start on **17.09.18** and end on **22.09.18** (32Hrs). Will be handled by the **"Dr. M.R.M. Veeramanickam"**

I kindly request your assistance in providing Tea and snack for the participants (students).

Please find the attached Invitation, circular to students, and a presentation highlighting the key areas that will be focused in the Training program.

Thanking You

HOD/CSE
(Mr.P.Rethinasabapathy)

PRINCIPAL
(Dr.J.Venkatesh)

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07.09.2018

CIRCULAR

The department of Computer Science and Engineering will be conducting value added course on **"Cyber Security and Ethical Hacking"** from **17.09.2018** to **22.09.2018** (32 Hrs). It is proposed to keep the students up to date with the new technologies.

All the students are requested to participate actively, certificate will be provided for the enrolled Participants.

All the interested candidates should enroll their names to Ms. Kalaivani.S, Assistant Professor, Department of Computer Science and Engineering on or before **12.09.2018.**

HOD/CSE

(Mr.P.Rethinasabapathy)

PRINCIPAL

(Dr.J.Venkatesh)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
"CYBER SECURITY AND ETHICAL HACKING"

Date : 17.09.2018 - 22.09.2018

RESOURCE PERSON
1. Dr. M.R.M.Veeramanickam, Associate Professor
Chitkara University.

Thirupachur
Pin : 631 203

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Mr. P. Rethinasabapathy

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RESOURCE PERSON PROFILE

Name	: Dr. M.R.M. Veeramanickam
Designation	: Associate Professor
Department	: Computer Science and Engineering
Organization	: Chitkara University Institute of Engineering and Technology, Chitkara University.
Phone Number	: 8600493524
Email.ID	: manic.veera@gmail.com
Qualification	: B. Tech, MTech (IT), PhD (CSE)
Experience	: 17 Years

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18CSEVAC01 - CYBER SECURITY AND ETHICAL HACKING
COURSE CONTENT

Objective

- To study and familiarize cyber security, information security, ethical hacking.

Module 1: Introduction

Understanding Cyber security and Ethical Hacking-various domains -of information Security, Deep dive into Networking and understanding the OSI layer and protocol sunder standing the concepts behind Kali Linux OS and various ethical-hacking tools.

Module 2: Network scanning tools

Demonstration of conducting Network scanning using tools like Nmap - Learning Vulnerability Assessment and using tools like Nexpose-OpenVAS- discovering vulnerabilities-sniffing network traffic and understanding the packet flow using tools like Wire shark.

Module 3: HACKERS AND CYBER CRIMES

Types of Hackers - Hackers and Crackers - Cyber-Attacks and Vulnerabilities - Malware threats - Sniffing - Gaining Access - Escalating Privileges - Executing Applications - Hiding Files - Covering Tracks - Worms - Trojans - Viruses – Backdoors.

Outcomes:

1. Analyse and evaluate the cyber security needs.
2. Network scanning tools which is used to perform network scanning.
3. Understand and analyse Ethical Hacking and its tools.

COORDINATOR

(Mrs.M. Divya)

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(Mr.P.Rethinasabapathy)

18CSEVAC01 - CYBER SECURITY AND ETHICAL HACKING

COURSE SCHEDULE

6 Days Training Schedule – Cyber Security and Ethical Hacking			
Day & Date	Session & Time	Speaker Name	Session Topics
Day 1 & 17.09.18	8.30 am to 10.30am	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Understanding Cyber security and Ethical Hacking- various domains -of information Security,
	10.45 am to 12.45 pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Deep dive into Networking and understanding the OSI layer
	1.30 pm to 3.30pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Protocol sunder standing the concepts behind Kali Linux OS and various ethical-hacking tools.
Day 2 & 18.09.18	8.30 am to 10.30am	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Demonstration of conducting Network scanning using tools like N map - Learning Vulnerability Assessment
	10.45 am to 12.45 pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Tools like Nexpose-OpenVAS- discovering vulnerabilities-sniffing network introduction
	1.30 pm to 3.30pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Traffic and understanding the packet flow using tools like Wire shark.
Day 3 & 19.09.18	8.30 am to 10.30am	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Understanding cryptography concepts- encryption algorithms
	10.45 am to 12.45 pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Cryptography Tools like gnupg- bcryptetc Public Key Infrastructure (pkl)
	1.30 pm to 3.30pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Email-Encryption-Disk Encryption Understanding Malware/ Ransom ware Trojan- Virus and Worms
Day 4 & 20.09.18	8.30 am to 10.30am	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Anti-malware Software, Malware Creation Tool
	10.45 am to 12.45 pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	USB password stealers understanding wireless concept
Day 5 & 21.09.18	8.30 am to 10.30am	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Types of Wireless networks
	10.45 am to 1.45 pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Wireless hacking
Day 6 & 22.09.18	8.30 am to 10.30am	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	Understanding the Concepts of Firewall-Web application firewall
	10.45 am to 1.45 pm	Dr. M.R.M. Veeramanickam. Associate Professor, CUIET, Punjab	IDS- IPS and Honey pots.

COORDINATOR

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(Mr.P.Rethinasabapathy)

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Name of the Course	CYBER SECURITY AND ETHICAL HACKING
Duration of the Course	32 HOURS
Academic Year	2018-19
Period of the Course	17.09.2018 to 22.09.2018

LIST OF STUDENTS ENROLLED

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
1	II	112417104001	ABIRAMI C	
2	II	112417104002	AKASH V	
3	II	112417104003	ANUPRIYA S	
4	II	112417104004	ARUN S	
5	II	112417104005	BARGAVI D	
6	II	112417104006	CHARLES S	
7	II	112417104007	DAARTHY A	
8	II	112417104008	DEEPIKA J	
9	II	112417104009	GNANA ANISH A	
10	II	112417104010	HEMACHANDRAN V	
11	II	112417104011	ISWARYA S	
12	II	112417104012	JOTHIKA G	
13	II	112417104013	KALAIYARASI B	
14	II	112417104014	KAVITHA K	
15	II	112417104015	KAVIYA S	
16	II	112417104016	KAVIYARASI G P	
17	II	112417104017	KEERTHIKA K	
18	II	112417104018	KOTTESWARAN M	
19	II	112417104019	LOKESHWARI S	
20	II	112417104020	LYDIA RUNKE P	
21	II	112417104021	MOHANRAJ S	
22	II	112417104022	NANDHINI M	
23	II	112417104023	NAZEEYA BEGUM A	
24	II	112417104025	NITHISH KUMAR P	
25	II	112417104026	PAVITHRA E	
26	II	112417104027	PREETHA R	
27	II	112417104028	PREETHA R	
28	II	112417104029	PREETHI B	
29	II	112417104030	PREETHI B	
30	II	112417104031	PUNITHAN R	

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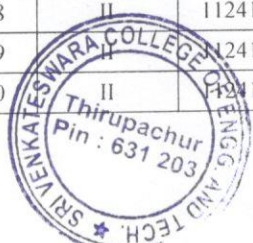
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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
31	II	112417104032	RAGURAMAN K	
32	II	112417104033	RAJESH KANNAN K	
33	II	112417104034	SANTHOSH S	
34	II	112417104035	SHANTHI S	
35	II	112417104036	SHILPA S	
36	II	112417104038	TEENA J	
37	II	112417104039	UPPULURI SAI JEEVAN	
38	II	112417104040	VENKATESAN N	
39	II	112417104041	VIJAYASREE M	
40	II	112417104042	VIMALA T	
41	II	112417104303	SANDALIYA M	
42	III	112416104001	ABITHA.S	
43	III	112416104002	AISHWARYA.G	
44	III	112416104003	ALAMELU.D	
45	III	112416104004	ARUL VINAYAGAM	
46	III	112416104005	BALAJI.V.S	
47	III	112416104006	CHANDRU PRAKASH.J	
48	III	112416104007	DRAVID.S	
49	III	112416104008	GAJALAKSHMI.V	
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58	III	112416104018	KAVIYA.D	
59	III	112416104019	KEERTHANA.S	
60	III	112416104020	KIRTHIGA.R	
61	ME-CSE	112418405001	ABINAYA G	
62	ME-CSE	112418405002	AGALYA G	
63	ME-CSE	112418405003	GANESAN S	
64	ME-CSE	112418405004	JAYAKUMARI A	
65	ME-CSE	112418405005	MALATHI R	

COORDINATOR

(Mrs.M. Divya)

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Mr.P.Rethinasabapathy

Thirupachur
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ATTENDANCE

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	17.9.2018 6 HOURS FN	AN	18.9.2018 6 HOURS FN	AN	19.9.2018 6 HOURS FN	AN	20.9.2018 4 HOURS FN	AN	21.9.2018 5 HOURS FN	AN	22.9.2018 5 HOURS FN	AN	TOTAL HOURS (32)
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64	ME-CSE	112418405004	JAYAKUMARI A	Jay	Jay	Jay	Jay	Jay	Jay	Jay	Jay	Jay	Jay	Jay	Jay	32
65	ME-CSE	112418405005	MALATHI R	R.M	R.M	R.va	P.ML	P.ml	P.ml	Rml	R.ml	Rm	P.ml	R.ml	P.Mu	32

M. Divya

COORDINATOR

(Mrs.M. Divya)

P. Rethinasabapathy

HOD/CSE

(Mr.P.Rethinasabapathy)

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18CSEVAC01 - CYBER SECURITY AND ETHICAL HACKING
TEST QUESTION

1. FAT stands for
   A. File allocation tables
   B. Forensic analysis tool
   C. File allocation transfer
   D. Format allocation test

2. A Replay attack is an example of which type of attack?
   A. Active online attack
   B. Offline attack
   C. Passive online attack
   D.None of above

3. What are the types of hacking stages?
   A. Privileges Executing
   B. Applications Hiding
   C. Files Covering Tracks
   D.All of the above

4. Which wireless mode connects machines directly to one another, without the use of an access point?
   A. Point to point
   B. Infrastructure
   C.Ad hoc
   D.BSS

5. Which of the following is evidence that is not based on personal knowledge but that was told to the witness?
   A. Best evidence
   B. Secondary evidence
   C.Conclusive evidence
   D. Hearsay evidence

6. Which of the following are the two primary U.S. Laws that address Cybercrime?
   A. 1030 and 2701
   B. 2510 and 1029
   C. 2510 and 2701
   D. 1029 and 1030

7. A Rainbow table attack on a password is which type of attack?
   A. Active online attack
   B. None of the above
   C.Passive online attack
   D. Offline attack

8. What is the preferred communications method used with systems on a hot-net?
   A.IRC
   B. E-mail
   C. ICMP
   D.TFTP

9. __ is the art of exploiting the human elements to gain access to un-authorized resources
   A. Organization
   B. Social Engineering
   C.Hacking
   D. Reverse Engineering

10. What is the maximum length of an SSID?
    A. Eight characters ·
    B. Sixteen characters
    C. Thirty-two characters
    D. Sixty-four characters

11. What does the TCP RST command do?
    A. Restores the connection to a previous state
    B. Finishes TCP connections
    C.Resets the TCP connection
    D. Starts a TCP connection

12. A packet with all flags set is which type of scan?
    A. Full Open
    B. XMAS
    C. TCP connect
    D. Syn scan 1

13. Why would an attacker want to perform a scan on port 13 7?
    A. To check for file and print sharing on Windows systems
    B. To discover proxy servers on a network
    C. To discover a target system with the NetBIOS null session vulnerability
    D. To locate the FTP service on the target host

14. Which tool can be used to perform a DNS zone transfer on Windows?
    A. DNS lookup
    B. nslookup
    C. who is
    D. Ipconfig

15. What is the best reason to implement a security policy?
    A. It makes security harder to enforce
    B. It removes the employee's responsibility to make judgments
    C.It increase security.
    D.It decrease security.

16. What are the two basic types of attacks?
    A. Active
    B. Passive
    C.DoS
    D. Both 1 & 2

17. What is the major difference between an 'Ethical Hacker' and a 'Cracker'?

    A. The ethical hacker has authorization from the owner of the target.

    B. The ethical hacker is just a cracker who is getting paid.

    C. The ethical hacker does not use the same techniques or skills as a cracker.

    D. The ethical hacker does it strictly for financial motives, unlike a cracker

18. What is the attack called "evil twin"?

    A. MAC spoofing

    B. Session hijacking

    C. Rogue access point

    D. ARP poisoning

19. What is the maximum length of an SSID?

    A. Thirty-two characters

    B. Sixteen characters

    C. Sixty-four characters

    D. Eight characters

20. Which wireless mode connects machines directly to one another, without the use of an access point?

    A. Ad hoc

    B. Point to point

    C. Infrastructure

    D. BSS

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(Mrs.M. Divya)

HOD/CSE

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18CSEVAC01 - CYBER SECURITY AND ETHICAL HACKING

FEEDBACK FORM

Student Reg. No. &Name: 112417104015 & S. Kaviya

Sem &Year: III rd sem & II nd year   Date: 22/09/2018

Evaluating the following Question

1. This course was interesting

a) Strongly Agree   b) Agree   c) Moderate   d) Disagree e) Strongly Disagree

2. Was this course useful?

a) Strongly Agree   b) Agree   c) Moderate   d) Disagree e) Strongly Disagree

3. During the course did you find any technical Difficulties?

a) Strongly Agree   b) Agree   c) Moderate   d) Disagree e) Strongly Disagree

4. did the instructor delivered the information, you didn't know already

a) Strongly Agree   b) Agree   c) Moderate   d) Disagree e) Strongly Disagree

5. The Subject matter was presented effectively

a) Strongly Agree   b) Agree   c) Moderate   d) Disagree e) Strongly Disagree

6. This instructor helped me learn about how the course works in the real world.

a) Strongly Agree   b) Agree   c) Moderate   d) Disagree e) Strongly Disagree

7. This instructor provided information I can use to be successful in my career.

a) Strongly Agree   b) Agree   c) Moderate   d) Disagree e) Strongly Disagree

8. Overall how do you rate the Training Program?

a) Strongly Agree   b) Agree   c) Moderate   d) Disagree e) Strongly Disagree

S. Kaviya
Student Signature

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18CSEVAC01 - CYBER SECURITY AND ETHICAL HACKING

TEST QUESTION

Student Reg. No. & Name: 112497104031 & punithan.R

Sem& Year: 3rd sem / II nd year   **Date:** 22/09/2018

17/20

1. FAT stands for
   A. File allocation tables
   B. Forensic analysis tool
   C. File allocation transfer
   D. Format allocation test

2. A Replay attack is an example of which type of attack?
   A. Active online attack
   B. Offline attack
   C. Passive online attack
   D. None of above

3. What are the types of hacking stages?
   A. Privileges Executing
   B. Applications Hiding
   C. Files Covering Tracks
   D. All of the above

4. Which wireless mode connects machines directly to one another, without the use of an access point?
   A. Point to point
   B. Infrastructure
   C. Ad hoc
   D. BSS

5. Which of the following is evidence that is not based on personal knowledge but that was told to the witness?
   A. Best evidence
   B. Secondary evidence
   C. Conclusive evidence
   D. Hearsay evidence

6. Which of the following are the two primary U.S. Laws that address Cybercrime?
   A. 1030 and 2701
   B. 2510 and 1029
   C. 2510 and 2701
   D. 1029 and 1030

7. A Rainbow table attack on a password is which type of attack?
   A. Active online attack
   B. None of the above
   C. Passive online attack
   D. Offline attack

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8. What is the preferred communications method used with systems on. A hot-net?

    A. IRC

    B. E-mail

    C. ICMP

    D. TFTP

9. _____ is the art of exploiting the human elements to gain access to un-authorized resources

    A. Organization

    B. Social Engineering

    C. Hacking

    D. Reverse Engineering

10. What is the maximum length of an SSID?

    A. Eight characters

    B. Sixteen characters

    C. Thirty-two characters

    D. Sixty-four characters

11. What does the TCP RST command do?

    A. Restores the connection to a previous state

    B. Finishes TCP connections

    C. Resets the TCP connection

    D. Starts a TCP connection

12. A packet with all flags set is which type of scan?

    A. Full Open

    B. XMAS

    C. TCP connect

    D. Syn scan 1

13. Why would an attacker want to perform a scan on port 13 7?

    A. To check for file and print sharing on Windows systems

    B. To discover proxy servers on a network

    C. To discover a target system with the NetBIOS null session vulnerability

    D. To locate the FTP service on the target host

14. Which tool can be used to perform a DNS zone transfer on Windows?

    A. DNS lookup

    B. nslookup

    C. who is

    D. Ipconfig

15. What is the best reason to implement a security policy?

    A. It makes security harder to enforce

    B. It removes the employee's responsibility to make judgments

    C. It increase security.

    D. It decrease security.

16. What are the two basic types of attacks?
    A. Active
    B. Passive
    C. DoS
    D. Both 1 & 2

17. What is the major difference between an 'Ethical Hacker' and a 'Cracker'?
    A. The ethical hacker has authorization from the owner of the target.
    B. The ethical hacker is just a cracker who is getting paid.
    C. The ethical hacker does not use the same techniques or skills as a cracker.
    D. The ethical hacker does it strictly for financial motives, unlike a cracker

18. What is the attack called "evil twin"?
    A. MAC spoofing
    B. Session hijacking
    C. Rogue access point
    D. ARP poisoning

19. What is the maximum length of an SSID?
    A. Thirty-two characters
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20. Which wireless mode connects machines directly to one another, without the use of an access point?
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18CSEVAC01 - CYBER SECURITY AND ETHICAL HACKING

Course Code	18CSEVAC01
Name of the Course	CYBER SECURITY AND ETHICAL HACKING
Duration of the Course	32 HOURS
Academic Year	2018-19
Period of the Course	17.09.2018 to 22.09.2018

STUDENT EVALUATION SHEET

| S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
1	II	112417104001	ABIRAMI C	32	90
2	II	112417104002	AKASH V	32	90
3	II	112417104003	ANUPRIYA S	32	85
4	II	112417104004	ARUN S	32	90
5	II	112417104005	BARGAVI D	32	80
6	II	112417104006	CHARLES S	32	95
7	II	112417104007	DAARTHY A	32	80
8	II	112417104008	DEEPIKA J	32	85
9	II	112417104009	GNANA ANISH A	32	85
10	II	112417104010	HEMACHANDRAN V	32	80
11	II	112417104011	ISWARYA S	32	80
12	II	112417104012	JOTHIKA G	32	90
13	II	112417104013	KALAIYARASI B	32	90
14	II	112417104014	KAVITHA K	32	95
15	II	112417104015	KAVIYA S	32	95
16	II	112417104016	KAVIYARASI G P	32	95
17	II	112417104017	KEERTHIKA K	32	100
18	II	112417104018	KOTTESWARAN M	32	85
19	II	112417104019	LOKESHWARI S	32	85
20	II	112417104020	LYDIA RUNKE P	32	80
21	II	112417104021	MOHANRAJ S	32	80
22	II	112417104022	NANDHINI M	32	80
23	II	112417104023	NAZEEYA BEGUM A	32	90
24	II	112417104025	NITHISH KUMAR P	32	90
25	II	112417104026	PAVITHRA E	32	95
26	II	112417104027	PREETHA R	52	80
27	II	112417104028	PREETHA R	32	85
28	II	112417104029	PREETHI B	32	96
29	II	112417104030	PREETHI B	32	80
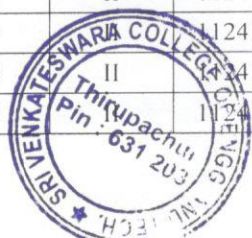
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31	II	112417104032	RAGURAMAN K	32	85
32	II	112417104033	RAJESH KANNAN K	32	85
33	II	112417104034	SANTHOSH S	32	90
34	II	112417104035	SHANTHI S	32	90
35	II	112417104036	SHILPA S	32	95
36	II	112417104038	TEENA J	32	100
37	II	112417104039	UPPULURI SAI JEEVAN	32	95
38	II	112417104040	VENKATESAN N	32	95
39	II	112417104041	VIJAYASREE M	32	80
40	II	112417104042	VIMALA T	32	85
41	II	112417104303	SANDALIYA M	32	85
42	III	112416104001	ABITHA.S	32	90
43	III	112416104002	AISHWARYA.G	32	90
44	III	112416104003	ALAMELU.D	32	85
45	III	112416104004	ARUL VINAYAGAM	32	80
46	III	112416104005	BALAJI.V. S	32	90
47	III	112416104006	CHANDRU PRAKASH.J	32	95
48	III	112416104007	DRAVID.S	32	90
49	III	112416104008	GAJALAKSHMI.V	32	95
50	III	112416104009	GOKUL.P	32	95
51	III	112416104010	GUKANATHAN.S	32	90
52	III	112416104011	HARINGDON.R	32	90
53	III	112416104012	INDUMATHY.S	32	90
54	III	112416104013	ISHWARYA.A	32	90
55	III	112416104014	JAYASRI.J	32	85
56	III	112416104016	JESY.B	32	85
57	III	112416104017	KAVITHA.R	32	90
58	III	112416104018	KAVIYA.D	32	80
59	III	112416104019	KEERTHANA.S	32	80
60	III	112416104020	KIRTHIGA.R	32	80
61	ME-CSE	112418405001	ABINAYA G	32	90
62	ME-CSE	112418405002	AGALYA G	32	95
63	ME-CSE	112418405003	GANESAN S	32	85

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65	ME-CSE	112418405005	MALATHI R	32	90

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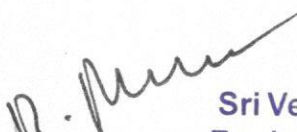This is to certify that ~~Mr~~/Ms .....ABINAYA.G.(1124184050.01.).. ~~UG~~/PG

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