



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



REQUISITION LETTER

From,

Head of the Department,
Information Technology,
JKK Munirajah College of Technology,
T.N.Palayam.

To,

The Principal,
JKK Munirajah College of Technology,
T.N.Palayam.

Respected Sir,

Sub: Seeking permission for conducting a Certificate Program- Reg

We have planned to conduct a certificate program for II and III- year Information Technology students on **"ETHICAL HACKING AND PENETRATION TESTING"** from **13.02.2024 to 18.02.2024** by Program Coordinator S. KANIMOZHI, M.E So, I request you to kindly provide a permission to conduct the certificate program.

Thanking You,

Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**

Yours Truly,

Place: T.N.Palayam

Date:08.02.2024



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



JKKMCT/CIRCULAR/FEB-24

09/02/2024

CIRCULAR

The Department of Information Technology is planning to organize a Certificate Program on "ETHICAL HACKING AND PENETRATION TESTING" (36 Hours) for the benefit of the students from 13.02.2024 (Monday) to 18.02.2024 (Tuesday). Students those who are willing to attend the Program can enroll their names to their class in-charges respectively on or before 10.02.2024

Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**

PRINCIPAL

Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**

Copy To,
All the HODs and Staff Members,
All the Students,
Notice Board, File





**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



DEPARTMENT OF INFORMATION TECHNOLOGY

PROGRAM SYLLABUS

Name of the Certificate Program : **ETHICAL HACKING AND PENETRATION TESTING**

Program Code : 24ITEHAPTCP02

Name of the Program Coordinator: S. KANIMOZHI

Academic Year: 2023-2024

Program Contents

Total Hours: 36

Chapter 1: Introduction to Ethical Hacking & Penetration Testing

- Ethical Hacking and its Types of Hackers (White-hat, Black-hat, Grey-hat)
- Ethical Hacking Process and Legal Considerations
- Key Principles of Ethical Hacking (Confidentiality, Integrity, Availability)
- What is Penetration Testing?
- Penetration Testing Phases (Reconnaissance, Scanning, Exploitation, Post-exploitation, Reporting)
- Difference Between Penetration Testing and Vulnerability Assessment
- Tools Overview (Kali Linux, Metasploit, Burp Suite, etc.)

Chapter 2: Reconnaissance and Foot printing

- Types of Information Gathering: Active vs Passive
- Foot printing Techniques (DNS Interrogation, WHOIS Lookups, IP Range Identification)
- Tools for Reconnaissance (Nmap, Netcat, WHOIS, Nslookup)
- Port Scanning (Nmap Basics, Service Enumeration)
- OS Fingerprinting
- Network Enumeration: Identifying Live Hosts, Open Ports, and Services

Chapter 3: Vulnerability Analysis and Exploitation

- Vulnerability Scanning and Assessment Tools (Nessus, OpenVAS)
- Identifying Common Vulnerabilities (CVEs, OWASP Top 10)
- Risk Assessment Techniques
- Exploiting Vulnerabilities (Buffer Overflow, SQL Injection, XSS, etc.)


Principal

**J.K.K. Munirajah College of Technology
(Autonomous)**

**T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

- Metasploit Framework for Exploitation
- Creating and Using Payloads (Reverse Shells, Bind Shells)

Chapter 4: Post-Exploit Post-Exploitation and Privilege Escalation

- Maintaining Access: Backdoors, Web Shells
- Gathering Data from Compromised Systems
- Escalating Privileges: Local and Remote Privilege Escalation
- Common Web Application Vulnerabilities (SQL Injection, Cross-Site Scripting)
- Tools for Web Application Testing (Burp Suite, OWASP ZAP, Nikto)
- Web Shells and Exploitation Methods

Chapter 5: Wireless Network Penetration Testing

- Introduction to Wireless Networks and Protocols (Wi-Fi, Bluetooth)
- Common Wireless Network Vulnerabilities (WEP, WPA, WPA2)
- Attacks on Wireless Networks: Man-in-the-Middle, DoS, Evil Twin
- Air crack-ng Suite for Wireless Network Testing
- Cracking WEP/WPA Keys
- Sniffing and Decrypting Wireless Traffic (Wireshark, Kismet)

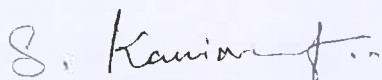
Chapter 6: Reporting and Legal Aspects of Penetration Testing

- Importance of Reporting in Ethical Hacking
- Structure of a Penetration Testing Report (Executive Summary, Findings, Recommendations)
- Writing Detailed Reports for Clients
- Understanding Legal Boundaries and Compliance (GDPR, HIPAA, PCI-DSS)
- Importance of Authorization for Penetration Testing
- Ethical Responsibility and Professionalism

Prepared by:

Name: S. KANIMOZHI

Designation: AP/IT


PROGRAM COORDINATOR


HOD


Principal
J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506


PRINCIPAL



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



DEPARTMENT OF INFORMATION TECHNOLOGY

PROGRAM SCHEDULE

Name of the Certificate Program : **ETHICAL HACKING AND PENETRATION TESTING**
Program Code : 24ITEHAPTCP02
Name of the Program Coordinator : S. KANIMOZHI
Program Period : 13.02.2024 to 18.02.2024

Date/ Time	9:30AM to 11:30AM (2 Hours)		11.45 AM to 12.45PM (1 Hour)		1:30 PM to 4.30 PM (3 Hours)
13.02.2024	Ethical Hacking and its Types of Hackers (White-hat, Black-hat, Grey-hat), Ethical Hacking Process and Legal Considerations	BREAK	Key Principles of Ethical Hacking (Confidentiality, Integrity, Availability), What is Penetration Testing?	LUNCH	Penetration Testing Phases (Reconnaissance, Scanning, Exploitation, Post-exploitation, Reporting), Difference Between Penetration Testing and Vulnerability Assessment, Tools Overview (Kali Linux, Metasploit, Burp Suite, etc.)
14.02.2024	Types of Information Gathering: Active vs Passive, Foot printing Techniques		Tools for Reconnaissance (Nmap, Netcat, WHOIS, Nslookup), Port Scanning (Nmap Basics, Service Enumeration)		OS Fingerprinting, Network Enumeration: Identifying Live Hosts, Open Ports, and Services
15.02.2024	Vulnerability Scanning and Assessment Tools (Nessus, OpenVAS), Identifying Common Vulnerabilities (CVEs, OWASP Top 10)		Risk Assessment Techniques, Exploiting Vulnerabilities (Buffer Overflow, SQL Injection, XSS, etc.)		Metasploit Framework for Exploitation, Creating and Using Payloads (Reverse Shells, Bind Shells)


Principal
J.K.K. Munirajah College of Technology
(Autonomous)

**T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

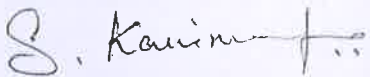
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.


Accredited by NAAC with "A" Grade




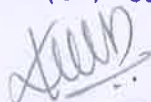
T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

16.02.2024	Maintaining Access: Backdoors, Web Shells, Gathering Data from Compromised Systems	Escalating Privileges: Local and Remote Privilege Escalation, Common Web Application Vulnerabilities (SQL Injection, Cross-Site Scripting)	Tools for Web Application Testing (Burp Suite, OWASP ZAP, Nikto), Web Shells and Exploitation Methods
17.02.2024	Introduction to Wireless Networks and Protocols (Wi-Fi, Bluetooth), Common Wireless Network Vulnerabilities (WEP, WPA, WPA2)	Attacks on Wireless Networks: Man-in-the-Middle, DoS, Evil Twin, Air crack-ng Suite for Wireless Network Testing	Cracking WEP/WPA Keys, Sniffing and Decrypting Wireless Traffic (Wireshark, Kismet)
18.02.2024	Importance of Reporting in Ethical Hacking, Structure of a Penetration Testing Report (Executive Summary, Findings, Recommendations)	Writing Detailed Reports for Clients, Understanding Legal Boundaries and Compliance (GDPR, HIPAA, PCI-DSS)	Importance of Authorization for Penetration Testing, Ethical Responsibility and Professionalism


PROGRAM COORDINATOR


HOD


Principal
J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk).
Erode (Dt) - 638 506


PRINCIPAL



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.


Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



DEPARTMENT OF INFORMATION TECHNOLOGY

RESOURCE PERSON PROFILE

Title of the Programme	ETHICAL HACKING AND PENETRATION TESTING
Duration and Timing of the Programme	36 Hours and 9.30 AM to 4.30 PM
Name of the Resource Person	S. KANIMOZHI
Photo Image of the Resource Person	
E-mail	kanimozhis@jkkmct.edu.in
Mobile No:	7904800779
Designation	Assistant Professor/ IT
Official Address	JKK Munirajah College of Technology, T.N. Palayam, Gobi (TK), Erode (Dt) - 638506
Educational Qualification	B.E (Computer Science and Engineering), M.E (Computer Science and Engineering)
Experience	7 years of Experience as Assistant Professor
Field of Interest	Big data analytics, Software Engineering


Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-2024

WILLING STUDENTS NAMELIST

CERTIFICATE PROGRAM ON ETHICAL HACKING AND PENETRATION

TESTING

S.NO	REGISTER NUMBER	NAME	WILLINGNESS		
			YES	NO	SIGN
III YEAR					
1	731221205003	BHUVANESWARAN M	✓		Bhuvan
2	731221205004	BOOPATHI C	✓		Boopathi C
3	731221205005	DEVIKA A	✓		A. Devika
4	731221205006	DHANALAKSHMI C	✓		Dhanalakshmi
5	731221205007	DHARSHINI P	✓		(Dharshini P)
6	731221205008	DHAYALAN R	✓		Dhayan R
7	731221205009	DINESH M	✓		Dinesh M
8	731221205010	DIVYA S	✓		S Divya
9	731221205011	KARTHICKRAJA G	✓		Karthick Raja
10	731221205012	KAVIBHARATHI G	✓		Kavi
11	731221205013	KOWSALYA G	✓		G. Kowsalya
12	731221205015	KRISHNAN S	✓		S Krishnan
13	731221205016	MADHANKUMAR N	✓		N Madhan
14	731221205017	MAHADEVAMMA S	✓		S Maha
15	731221205019	MANIGANDAN M	✓		M Manigandan
16	731221205020	MANILA K	✓		K Manila
17	731221205021	MANOJKUMAR S	✓		S Manoj

Principal
J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (TK),
Erode (Dt) - 638 506

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



18	731221205022	MAVURIYA D	✓		Mavuriya D
19	731221205023	MEGALA THANGAMANI M	✓		Megala Thangamani
20	731221205026	MOTHIR L	✓		Mothir L
21	731221205027	MOUNA SAKTHI G	✓		G. Mounasakthi
22	731221205028	NANDHINI S	✓		S. Nandhini
23	731221205029	NAVEEN S	✓		Naveen S
24	731221205030	PANDEESWARAN C K	✓		P. C. K.
25	731221205031	PARTHIBAN M	✓		P. M.
26	731221205032	RAKSHITHA B	✓		R. B.
27	731221205033	RATHNA R	✓		R. R.
28	731221205034	RAVIKUMAR M	✓		R. M.
29	731221205035	RITHIK S	✓		S. R.
30	731221205036	ROHITH V	✓		R. V.
31	731221205037	SHARANKUMAR M V	✓		M. V. S.
32	731221205039	SUNDHARESWARI V	✓		V. S.
33	731221205040	SUYAMBURAJ C	✓		C. S.
34	731221205041	SWETHA S	✓		S. S.
35	731221205042	TAMILSELVAN M	✓		M. T.
36	731221205044	YUSWANTHRAA R	✓		R. Y.
37	731221205301	AHALYA J C	✓		C. J. A.
II YEAR					
38	731222205001	AKASH. K	✓		K. A.
39	731222205002	BENISHA. S	✓		S. B.
40	731222205003	BHARATH. R	✓		R. B.

Principal

J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



41	731222205004	BOOPATHI RAJA. N	✓		<i>B.P.</i>
42	731222205005	DHANUSH. B	✓		<i>Dhanush B</i>
43	731222205006	DHIVAGAR .C	✓		<i>Dhivagar</i>
44	731222205007	DINESH. S		✓	<i>S.D.J</i>
45	731222205008	DINESHKUMAR. R	✓		<i>Dinesh Kumar</i>
46	731222205009	ELAVARASAN. V	✓		<i>Elavarasan</i>
47	731222205010	GNANA VEL .M	✓		<i>M. Gnanavel</i>
48	731222205011	GOKULA KANNAN.J	✓		<i>G.K.J</i>
49	731222205012	GOMATHI. R	✓		<i>Gomathi R</i>
50	731222205014	GUNA. V	✓		<i>V. Guna</i>
51	731222205015	HARIHARAN. V	✓		<i>V. Hariharan</i>
52	731222205016	JEEVADHARSHINI. S	✓		<i>J. Jeevadharsini</i>
53	731222205018	KAVIKARTHIK. V	✓		<i>V. Kavikarthik</i>
54	731222205019	KAVIYA. S	✓		<i>S. Kaviya</i>
55	731222205021	MADHAN.T	✓		<i>T. Madhan</i>
56	731222205022	MADHAVAN. P	✓		<i>P. Madhavan</i>
57	731222205023	MAGEESHA.L.N.	✓		<i>L.N. Mageesha</i>
58	731222205024	NAVIN. K	✓		<i>K. Navin</i>
59	731222205025	PAVITHRA.K.M.	✓		<i>P. Pavithra</i>
60	731222205026	PRAKASH. S	✓		<i>S. Prakash</i>
61	731222205027	PREAM KUMAR. S	✓		<i>S. Pream Kumar</i>
62	731222205028	PUSHPARAJAN .M	✓		<i>M. Pushparajan</i>
63	731222205029	RADHIGA. S	✓		<i>S. Radhiga</i>
64	731222205030	RAGUL. P	✓		<i>P. Ragul</i>

Principal

J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



65	731222205031	RAJA VIYASHAN. A. P	✓		A.P. Rajiyashan
66	731222205032	RAKSHANA ESABEL. R	✓		Rakshana
67	731222205033	REENA. S	✓		S. Reena
68	731222205034	RUHANRAM. S	✓		R. Ruhana
69	731222205035	SANJANA. T	✓		Sanjana T.
70	731222205036	SANJAY .M		✓	M. Sanjay
71	731222205037	SANTHAMANOJ. P. N	✓		P.N. Santamanoj
72	731222205038	SELVAM. R			R. Selvam
73	731222205039	SIDDARAJ. A	✓		Siddaraj
74	731222205040	SIDDARAJ. K.M		✓	Siddaraj
75	731222205041	STALIN .M			Stalin
76	731222205042	SUJITH. P	✓		S. Sujith
77	731222205043	UDHAYAKUMAR. S	✓		S. Udhayakumar
78	731222205044	VANMATHI. S	✓		S. Vanmathi
79	731222205045	VASANTHKUMAR .H	✓		H. Vasanthkumar
80	731222205046	VASUMATHI. K	✓		K. Vasumathi
81	731222205047	VIGNESH. S	✓		S. Vignesh
82	731222205048	VIGNESHVARAN .M	✓		M. Vigneshvaran
83	731222205049	VISALATCHI .M	✓		M. Visalatchi
84	731222205050	VISHNUSANKAR. B	✓		B. Vishnusankar

S. Karim
PROGRAM COORDINATOR

[Signature]
HOD

[Signature]
PRINCIPAL

Principal
J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



**DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-2024**

**CERTIFICATE PROGRAM ON ETHICAL HACKING AND
PENETRATION TESTING**

ENROLLED STUDENTS NAMELIST

DATE: 13.02.2024 to 18.02.2024

S.NO	REG. NO	NAME
III YEAR		
1	731221205003	BHUVANESWARAN M
2	731221205004	BOOPATHI C
3	731221205005	DEVIKA A
4	731221205006	DHANALAKSHMI C
5	731221205007	DHARSHINI P
6	731221205008	DHAYALAN R
7	731221205009	DINESH M
8	731221205010	DIVYA S
9	731221205011	KARTHICKRAJA G
10	731221205012	KAVIBHARATHI G
11	731221205013	KOWSALYA G
12	731221205015	KRISHNAN S
13	731221205016	MADHANKUMAR N
14	731221205017	MAHADEVAMMA S
15	731221205019	MANIGANDAN M
16	731221205020	MANILA K
17	731221205021	MANOJKUMAR S
18	731221205022	MAVURIYA D
19	731221205023	MEGALA THANGAMANI M
20	731221205026	MOTHIR L
21	731221205027	MOUNA SAKTHI G
22	731221205028	NANDHINI S
23	731221205029	NAVEEN S


Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

24	731221205030	PANDEESWARAN C K
25	731221205031	PARTHIBAN M
26	731221205032	RAKSHITHA B
27	731221205033	RATHNA R
28	731221205034	RAVIKUMAR M
29	731221205035	RITHIK S
30	731221205036	ROHITH V
31	731221205037	SHARANKUMAR M V
32	731221205039	SUNDHARESWARI V
33	731221205040	SUYAMBURAJ C
34	731221205041	SWETHA S
35	731221205042	TAMILSELVAN M
36	731221205044	YUSWANTHRAA R
37	731221205301	AHALYA J C
II YEAR		
38	731222205001	AKASH. K
39	731222205002	BENISHA. S
40	731222205003	BHARATH. R
41	731222205004	BOOPATHI RAJA. N
42	731222205005	DHANUSH. B
43	731222205006	DHIVAGAR .C
44	731222205008	DINESHKUMAR. R
45	731222205009	ELAVARASAN. V
46	731222205010	GNANAVEL .M
47	731222205011	GOKULA KANNAN.J
48	731222205012	GOMATHI. R
49	731222205014	GUNA. V
50	731222205015	HARIHARAN. V
51	731222205016	JEEVADHARSHINI. S
52	731222205018	KAVIKARTHIK. V
53	731222205019	KAVIYA. S

Xoool
Principal

**J.K.K.Munirajah College of Technology
(Autonomous)**

**T.N.Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

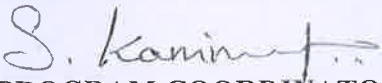
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.


Accredited by NAAC with "A" Grade

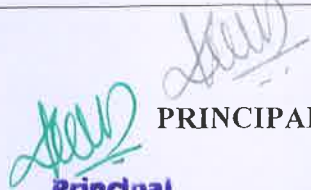


T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

54	731222205021	MADHAN.T
55	731222205022	MADHAVAN. P
56	731222205023	MAGEESHA.L.N.
57	731222205024	NAVIN. K
58	731222205025	PAVITHRA.K.M.
59	731222205026	PRAKASH. S
60	731222205027	PREAM KUMAR. S
61	731222205028	PUSHPARAJAN .M
62	731222205029	RADHIGA. S
63	731222205030	RAGUL. P
64	731222205031	RAJA VIYASHAN. A. P
65	731222205032	RAKSHANA ESABEL. R
66	731222205033	REENA. S
67	731222205034	RUHANRAM. S
68	731222205035	SANJANA. T
69	731222205037	SANTHAMANOJ. P. N
70	731222205038	SELVAM. R
71	731222205039	SIDDARAJ. A
72	731222205041	STALIN .M
73	731222205042	SUJITH. P
74	731222205043	UDHAYAKUMAR. S
75	731222205044	VANMATHI. S
76	731222205045	VASANTHKUMAR .H
77	731222205046	VASUMATHI. K
78	731222205047	VIGNESH. S
79	731222205048	VIGNESHVARAN .M
80	731222205049	VISALATCHI .M
81	731222205050	VISHNUSANKAR. B


PROGRAM COORDINATOR


MOD


PRINCIPAL

Principal
J.K.K.Munirajah College of Technology
(Autonomous)
T.N.Palayam, Gobi (Tk),
Erode (Dt) - 638 506



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-2024

CERTIFICATE PROGRAM ON ETHICAL HACKING AND PENETRATION

TESTING

ATTENDANCE SHEET

S. NO	REGISTER NO	NAME	ATTENDANCE OF THE PARTICIPANTS											
			13/02/2024		14/02/2024		15/02/2024		16/02/2024		17/02/2024		18/02/2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
III YEAR														
1	731221205003	BHUVANESWARAN M	/	/	/	/	/	/	/	/	/	/	/	/
2	731221205004	BOOPATHI C	/	/	/	/	/	/	/	/	/	/	/	/
3	731221205005	DEVIKA A	/	/	/	/	/	/	/	/	/	/	/	/
4	731221205006	DHANALAKSHMI C	/	/	/	/	/	/	/	/	/	/	/	/
5	731221205007	DHARSHINI P	/	/	/	/	/	/	/	/	/	/	/	/
6	731221205008	DHAYALAN R	/	/	/	/	/	/	/	/	/	/	/	/
7	731221205009	DINESH M	/	/	/	/	/	/	/	/	/	/	/	/
8	731221205010	DIVYA S	/	/	/	/	/	/	/	/	/	/	/	/
9	731221205011	KARTHICKRAJA G	/	/	/	/	/	/	/	/	/	/	/	/
10	731221205012	KAVIBHARATHI G	/	/	/	/	/	/	/	/	/	/	/	/
11	731221205013	KOWSALYA G	/	/	/	/	/	/	/	/	/	/	/	/
12	731221205015	KRISHNAN S	/	/	/	/	/	/	/	/	/	/	/	/
13	731221205016	MADHANKUMAR N	/	/	/	/	/	/	/	/	/	/	/	/
14	731221205017	MAHADEVAMMA S	/	/	/	/	/	/	/	/	/	/	/	/
15	731221205019	MANIGANDAN M	/	/	/	/	/	/	/	/	a	a	/	/
16	731221205020	MANILA K	/	/	/	/	/	/	/	/	/	/	/	/


Principal

J.K.K.Munirajah College of Technology
(Autonomous)
T.N.Palayam, Gobi (Tk),
Erode (Dt) - 638 506



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

17	731221205021	MANOJKUMAR S	/	/	/	/	/	/	/	/	/	/	/	/
18	731221205022	MAVURIYA D	/	/	/	/	/	/	/	/	/	/	/	/
19	731221205023	MEGALA THANGAMANI M	/	/	/	/	/	/	/	/	/	/	/	/
20	731221205026	MOTHIR L	/	/	/	/	/	/	/	/	/	/	/	/
21	731221205027	MOUNA SAKTHI G	/	/	/	/	/	/	/	/	/	/	/	/
22	731221205028	NANDHINI S	/	/	/	/	/	/	/	/	/	/	/	/
23	731221205029	NAVEEN S	/	/	/	/	/	/	/	/	/	/	/	/
24	731221205030	PANDEESWARAN CK	/	/	/	/	/	/	/	/	/	/	/	/
25	731221205031	PARTHIBAN M	/	/	/	/	/	/	/	/	/	/	/	/
26	731221205032	RAKSHITHA B	/	/	/	/	/	/	/	/	/	/	/	/
27	731221205033	RATHNA R	/	/	/	/	/	/	/	/	/	/	/	/
28	731221205034	RAVIKUMAR M	/	/	/	/	a	a	/	/	/	/	/	/
29	731221205035	RITHIK S	/	/	/	/	/	/	/	/	/	/	/	/
30	731221205036	ROHITH V	/	/	/	/	/	/	/	/	/	/	/	/
31	731221205037	SHARANKUMAR M V	/	/	/	/	/	/	/	/	/	/	/	/
32	731221205039	SUNDHARESWARI V	/	/	/	/	/	/	/	/	/	/	/	/
33	731221205040	SUYAMBURAJ C	/	/	/	/	/	/	/	/	/	/	/	/
34	731221205041	SWETHA S	/	/	/	/	/	/	/	/	/	/	/	/
35	731221205042	TAMILSELVAN M	/	/	/	/	/	/	/	/	/	/	/	/
36	731221205044	YUSWANTHRAA R	/	/	/	/	/	/	/	/	/	/	/	/
37	731221205301	AHALYA JC	/	/	/	/	/	/	/	/	/	/	/	/
II YEAR														
38	731222205001	AKASH. K	/	/	/	/	/	/	/	/	/	/	/	/
39	731222205002	BENISHA. S	/	/	/	/	/	/	/	/	/	/	/	/


Principal

J.K.K.Munirajah College of Technolog.
(Autonomous)
T.N.Palayam, Gobi (Tk),
Erode (Dt) - 638 506

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



40	731222205003	BHARATH. R	/	/	/	/	/	/	/	/	/	/	/	/
41	731222205004	BOOPATHI RAJA. N	/	/	/	/	/	/	/	/	/	/	/	/
42	731222205005	DHANUSH. B	/	/	/	/	/	/	/	/	/	/	/	/
43	731222205006	DHIVAGAR .C	/	/	/	/	/	/	/	/	/	/	/	/
44	731222205008	DINESHKUMAR. R	/	/	/	/	/	/	/	/	/	/	/	/
45	731222205009	ELAVARASAN. V	/	/	/	/	/	/	/	/	/	/	/	/
46	731222205010	GNANA VEL .M	/	/	/	/	/	/	/	/	/	/	/	/
47	731222205011	GOKULA KANNAN.J	/	/	/	/	/	/	/	/	/	/	/	/
48	731222205012	GOMATHI. R	/	/	/	/	/	/	/	/	/	/	/	/
49	731222205014	GUNA. V	/	/	a	a	/	/	/	/	/	/	/	/
50	731222205015	HARIHARAN. V	/	/	/	/	/	/	/	/	/	/	/	/
51	731222205016	JEEVADHARSHINI. S	/	/	/	/	/	/	/	/	/	/	/	/
52	731222205018	KAVIKARTHIK. V	/	/	/	/	/	/	/	/	/	/	/	/
53	731222205019	KAVIYA. S	/	/	/	/	/	/	/	/	/	/	/	/
54	731222205021	MADHAN.T	/	/	/	/	/	/	/	/	/	/	/	/
55	731222205022	MADHAVAN. P	/	/	/	/	a	a	/	/	/	/	/	/
56	731222205023	MAGEESHA.L.N.	/	/	/	/	/	/	/	/	/	/	/	/
57	731222205024	NAVIN. K	/	/	/	/	/	/	/	/	/	/	/	/
58	731222205025	PAVITHRA.K.M.	/	/	/	/	/	/	/	/	/	/	/	/
59	731222205026	PRAKASH. S	/	/	/	/	/	/	/	/	/	/	/	/
60	731222205027	PREAM KUMAR. S	/	/	/	/	/	/	/	/	/	/	/	/
61	731222205028	PUSHPARAJAN .M	/	/	/	/	/	/	/	/	/	/	/	/
62	731222205029	RADHIGA. S	/	/	/	/	/	/	/	/	/	/	/	/
63	731222205030	RAGUL. P	/	/	/	/	/	/	/	/	/	/	/	/


Principal

J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

64	731222205031	RAJA VIYASHAN. A. P	/	/	/	/	/	/	/	/	/	/	/	
65	731222205032	RAKSHANA ESABEL. R	/	/	/	/	/	/	/	/	/	/	/	
66	731222205033	REENA. S	/	/	/	/	/	/	/	/	/	/	/	
67	731222205034	RUHANRAM. S	/	/	/	/	/	/	/	/	/	/	/	
68	731222205035	SANJANA. T	/	/	/	/	/	/	/	/	/	/	/	
69	731222205037	SANTHAMANOJ. P. N	/	/	/	/	/	/	/	/	/	/	/	
70	731222205038	SELVAM. R	/	/	/	/	/	/	/	a	a	/	/	
71	731222205039	SIDDARAJ. A	/	/	/	/	/	/	/	/	/	/	/	
72	731222205041	STALIN .M	/	/	/	/	/	/	/	a	a	/	/	
73	731222205042	SUJITH. P	/	/	/	/	/	/	/	/	/	/	/	
74	731222205043	UDHAYAKUMAR. S	/	/	/	/	/	/	/	/	/	/	/	
75	731222205044	VANMATHI. S	/	/	/	/	/	/	/	/	/	/	/	
76	731222205045	VASANTHKUMAR .H	/	/	/	/	/	/	/	/	/	/	/	
77	731222205046	VASUMATHI. K	/	/	/	/	/	/	/	/	/	/	/	
78	731222205047	VIGNESH. S	/	/	/	/	/	/	/	/	/	/	/	
79	731222205048	VIGNESHVARAN .M	/	/	/	/	/	/	/	/	/	/	/	
80	731222205049	VISALATCHI .M	/	/	/	/	/	/	/	/	/	/	/	
81	731222205050	VISHNUSANKAR. B	/	/	/	/	/	/	/	/	/	/	/	
TOTAL NO OF STUDENTS PRESENT			81	81	80	80	79	79	80	80	79	79	81	81
TOTAL NO OF STUDENTS ABSENT			NIL	NIL	01	01	02	02	01	01	02	02	NIL	NIL
SIGNATURE OF THE PROGRAM COORDINATOR			S. Kant	S. Kant	S. Kant	S. Kant	S. Kant	S. Kant	S. Kant	S. Kant	S. Kant	S. Kant	S. Kant	S. Kant
SIGNATURE OF THE HOD			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

S. Karim
PROGRAM COORDINATOR

[Signature]
HOD

[Signature]
PRINCIPAL

Principal
J.K.K.Munirajah College of Technology
(Autonomous)
T.N.Palayam, Gobi (Tk),
Erode (Dt) - 638 506



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



**DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-2024**

**ETHICAL HACKING AND PENETRATION TESTING
ASSESSMENT**

ANSWER ALL QUESTIONS (30*1=30 MARKS)

1. What is the main goal of ethical hacking?

- A) To steal confidential data
- B) To identify and fix security vulnerabilities
- C) To cause damage to the system
- D) To create a backdoor for attackers

2. What does the term "penetration testing" refer to?

- A) Testing the hardware of a network
- B) Testing software usability
- C) Simulating an attack on a system to find vulnerabilities
- D) Scanning for viruses

3. Which of the following is the first step in a penetration testing process?

- A) Exploitation
- B) Reporting
- C) Reconnaissance
- D) Scanning

4. Which of the following tools is used for network scanning in ethical hacking?

- A) Wireshark
- B) Nmap
- C) Metasploit
- D) Burp Suite

5. What is the purpose of a "zero-day" vulnerability?

- A) It is a vulnerability that has been patched by the vendor
- B) It is a vulnerability that has no known solution
- C) It is an open-source vulnerability
- D) It is a vulnerability used by hackers only

Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



6. Which of the following is a type of penetration test?

- A) Black-box testing
- B) White-box testing
- C) Grey-box testing
- D) All of the above

7. Which ethical hacking tool is mainly used for exploiting vulnerabilities?

- A) Nmap
- B) Metasploit
- C) Nessus
- D) Wireshark

8. In ethical hacking, what is the "scope" of a test?

- A) The type of attack used during testing
- B) The duration of the testing phase
- C) The boundaries and limitations of the testing process
- D) The cost of the penetration test

9. Which of the following is not a type of attack?

- A) Man-in-the-middle
- B) Phishing
- C) Spear-phishing
- D) Debugging

10. What is the purpose of "social engineering" in ethical hacking?

- A) To create software vulnerabilities
- B) To exploit human behavior to gain access to information
- C) To analyze a system's source code
- D) To scan the network for weaknesses

11. Which protocol is commonly exploited during network attacks?

- A) HTTP
- B) HTTPS
- C) FTP
- D) All of the above

Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



12. Which is a common tool used for password cracking?

- A) Burp Suite
- B) John the Ripper
- C) Kali Linux
- D) Nessus

13. What is a DDoS attack?

- A) A type of malware attack
- B) A type of social engineering attack
- C) A Distributed Denial of Service attack
- D) An attack on web servers only

14. What does the term "footprinting" refer to in penetration testing?

- A) Gathering publicly available information about a target system
- B) Cracking password hashes
- C) Running exploits on a target
- D) Creating fake data

15. Which of the following tools is commonly used for sniffing network traffic?

- A) Metasploit
- B) Wireshark
- C) John the Ripper
- D) Burp Suite

16. Which of these attacks involves intercepting and altering communications between two parties?

- A) Cross-site scripting (XSS)
- B) Man-in-the-middle (MITM)
- C) SQL injection
- D) Phishing

17. What does the acronym "SQL" stand for?

- A) Secure Query Language
- B) Structured Query Language

Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



- C) Simple Query Language
- D) None of the above

18. Which tool is used for vulnerability scanning and assessment?

- A) Nmap
- B) Nessus
- C) Metasploit
- D) John the Ripper

19. Which of the following is the most critical phase of penetration testing?

- A) Exploitation
- B) Reporting
- C) Post-exploitation
- D) Reconnaissance

20. In ethical hacking, what does "privilege escalation" mean?

- A) Gaining unauthorized access to a system
- B) Elevating user privileges to access restricted resources
- C) A method of bypassing a firewall
- D) None of the above

21. Which tool is commonly used for web application security testing?

- A) Burp Suite
- B) Nmap
- C) Wireshark
- D) Metasploit

22. What is an "exploit" in ethical hacking?

- A) A vulnerability in a system
- B) A tool used for attacking a system
- C) A method for securing data
- D) A specific type of firewall

23. What is the primary difference between white-box testing and black-box testing?

- A) White-box testing is done with no knowledge of the target system, whereas black-box testing is done with full knowledge



Principal

**J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



- B) White-box testing involves source code access, while black-box testing does not
- C) Black-box testing is for testing hardware, while white-box is for software
- D) There is no difference

24. Which of the following is a common password cracking method?

- A) Phishing
- B) Brute-force
- C) Man-in-the-middle
- D) DDoS

25. What is a "rootkit"?

- A) A type of firewall
- B) A tool used for ethical hacking
- C) A malicious software designed to gain administrator-level access to a system
- D) A hardware device for network analysis

26. Which of the following is considered the best defense against SQL injection attacks?


- A) Strong passwords
- B) Input validation and sanitization
- C) Firewalls
- D) Antivirus software

27. What is the purpose of a vulnerability assessment?

- A) To exploit known vulnerabilities in a system
- B) To identify and prioritize vulnerabilities in a system
- C) To develop an attack strategy
- D) To deploy patches for vulnerabilities

28. What type of attack involves an attacker sending fraudulent emails to deceive the victim into revealing sensitive information?

- A) Man-in-the-middle attack
- B) Phishing
- C) SQL injection
- D) Cross-site scripting


Principal
J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



29. What is the role of a firewall in network security?

- A) To prevent unauthorized access to a network
- B) To encrypt network traffic
- C) To monitor system vulnerabilities
- D) To identify malicious code

30. Which legal framework ensures ethical hacking remains within legal boundaries?

- A) HIPAA
- B) GDPR
- C) Computer Fraud and Abuse Act (CFAA)
- D) SOX

Principal

**J.K.K. Munirajah College of Technology
(Autonomous)**

**T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**

PROGRAM COORDINATOR

HOD

PRINCIPAL



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



**DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-2024**

CERTIFICATE PROGRAM ON "ETHICAL HACKING AND

PENETRATION TESTING"

STUDENTS MARKLIST

DATE: 13.02.2024 to 18.02.2024

S.NO	REG. NO	NAME	MARKS
III YEAR			
1	731221205003	BHUVANESWARAN M	82
2	731221205004	BOOPATHI C	95
3	731221205005	DEVIKA A	96
4	731221205006	DHANALAKSHMI C	91
5	731221205007	DHARSHINI P	87
6	731221205008	DHAYALAN R	83
7	731221205009	DINESH M	90
8	731221205010	DIVYA S	82
9	731221205011	KARTHICKRAJA G	79
10	731221205012	KAVIBHARATHI G	92
11	731221205013	KOWSALYA G	90
12	731221205015	KRISHNAN S	97
13	731221205016	MADHANKUMAR N	87
14	731221205017	MAHADEVAMMA S	83
15	731221205019	MANIGANDAN M	78
16	731221205020	MANILA K	81
17	731221205021	MANOJKUMAR S	86
18	731221205022	MAVURIYA D	91
19	731221205023	MEGALA THANGAMANI M	96
20	731221205026	MOTHIR L	82
21	731221205027	MOUNA SAKTHI G	85
22	731221205028	NANDHINI S	94
23	731221205029	NAVEEN S	96

Principal

**J.K.K. Munirajah College of Technology
(Autonomous)**

**T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506**



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

24	731221205030	PANDEESWARAN C K	93
25	731221205031	PARTHIBAN M	92
26	731221205032	RAKSHITHA B	95
27	731221205033	RATHNA R	91
28	731221205034	RAVIKUMAR M	75
29	731221205035	RITHIK S	95
30	731221205036	ROHITH V	92
31	731221205037	SHARANKUMAR M V	96
32	731221205039	SUNDHARESWARI V	89
33	731221205040	SUYAMBURAJ C	82
34	731221205041	SWETHA S	95
35	731221205042	TAMILSELVAN M	91
36	731221205044	YUSWANTHRAA R	93
37	731221205301	AHALYA J C	94
II YEAR			
38	731222205001	AKASH. K	92
39	731222205002	BENISHA. S	90
40	731222205003	BHARATH. R	46
41	731222205004	BOOPATHI RAJA. N	75
42	731222205005	DHANUSH. B	87
43	731222205006	DHIVAGAR .C	93
44	731222205008	DINESHKUMAR. R	95
45	731222205009	ELAVARASAN. V	97
46	731222205010	GNANAVEL .M	92
47	731222205011	GOKULA KANNAN.J	69
48	731222205012	GOMATHI. R	75
49	731222205014	GUNA. V	64
50	731222205015	HARIHARAN. V	95
51	731222205016	JEEVADHARSHINI. S	78
52	731222205018	KAVIKARTHIK. V	96
53	731222205019	KAVIYA. S	82
54	731222205021	MADHAN.T	88

(Signature)

Principal

J.K.K.Munirajah College of Technology

(Autonomous)

T.N.Palayam, Gobi (Tk),

Erode (Dt) - 638 506



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

55	731222205022	MADHAVAN. P	91
56	731222205023	MAGEESHA.L.N.	56
57	731222205024	NAVIN. K	44
58	731222205025	PAVITHRA.K.M.	95
59	731222205026	PRAKASH. S	93
60	731222205027	PREAM KUMAR. S	94
61	731222205028	PUSHPARAJAN .M	82
62	731222205029	RADHIGA. S	76
63	731222205030	RAGUL. P	91
64	731222205031	RAJA VIYASHAN. A. P	69
65	731222205032	RAKSHANA ESABEL. R	75
66	731222205033	REENA. S	79
67	731222205034	RUHANRAM. S	67
68	731222205035	SANJANA. T	65
69	731222205037	SANTHAMANOJ. P. N	87
70	731222205038	SELVAM. R	83
71	731222205039	SIDDARAJ. A	76
72	731222205041	STALIN .M	80
73	731222205042	SUJITH. P	92
74	731222205043	UDHAYAKUMAR. S	79
75	731222205044	VANMATHI. S	86
76	731222205045	VASANTHKUMAR .H	84
77	731222205046	VASUMATHI. K	96
78	731222205047	VIGNESH. S	92
79	731222205048	VIGNESHVARAN .M	83
80	731222205049	VISALATCHI .M	75
81	731222205050	VISHNUSANKAR. B	72

Note: The students those who have secured above 50 Marks and above are consider eligible for program completion.

S. Kanimath
PROGRAM COORDINATOR

[Signature]
HOD

[Signature]
Principal
J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506
PRINCIPAL



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" Grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR 2023-2024

SUMMARY/ OUTCOME REPORT

Name of the Certificate Program : ETHICAL HACKING AND PENETRATION TESTING

Program Code : 24ITEHAPTCP02

Name of the Program Coordinator: S. KANIMOZHI

Duration : 36 Hours

Number of Students Enrolled : 81

Number of Students Completed : 79

I hereby affirm that the entire Program contents in the Certificate Program **"Ethical Hacking and Penetration Testing"** listed in the Syllabus have been actually learned by the students as the part of the prescribed co-curricular activities through Certificate Program.

I confirmed that the Certificate Program title as **Ethical Hacking and Penetration Testing** Work Bench was done by me in the beginning of this semester and Program delivery with attendance of the students were recorded.

I confirmed that all registered students for this Certificate Program were actively attended and learned well throughout the duration of this Program. And all students were successfully completed and eligible to receive the participation certificate.

OUTCOME: Students shall be able to gain the knowledge in

- **Ethical Hacking:** Learn about hacker types and the ethical hacking process, including legal and ethical considerations.
- **Penetration Testing:** Understand penetration testing phases and tools like Kali Linux, Metasploit, and Burp Suite.
- **Vulnerability & Exploitation:** Master vulnerability scanning, risk assessment, and exploitation techniques using tools like Nessus and Metasploit.
- **Legal & Reporting:** Develop skills to create detailed reports and understand legal frameworks (GDPR, HIPAA, PCI-DSS) in penetration testing.

Name : Mrs.S.KANIMOZHI

Designation: Assistant Professor/IT

S. Kanimozhi
PROGRAM COORDINATOR

[Signature]
HOD

[Signature]
Principal
J.K.K. Munirajah College of Technology
(Autonomous)
T.N. Palayam, Gobi (Tk),
Erode (Dt) - 638 506
PRINCIPAL