



SASURIE COLLEGE OF ENGINEERING

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

Near NH544, Coimbatore Bypass, Near Vijayamangalam Tollgate, Tirupur 638056

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION - 1

CURRICULAR ASPECTS

SUBMITTED BY



INTERNAL QUALITY ASSURANCE CELL

SASURIE COLLEGE OF ENGINEERING





1.2 AcademicFlexibility(30)

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

AND

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

VAC Title: ETH	IICAL H	IACKING	G AND PEN	ETRA	TION	TESTING					
·		. Rameshk	,		Mr. N Train	A. Kamalraj, er.					
Resource Person	Robo	ct Managei miracle Te batore-641	chnologies,		Robomiracle Technologies, Coimbatore-641002.						
	Conn										
Dat e of conduct	from:	22.08.20	22	To:	26.08	3.2022	Duration:	30H	ours		
Organized Depa	rtment:	COMPU	JTER SCIE	NCE A	ND E	ENGINEER	ING				
Participant Year:	2/3/4		Semester:	Ol	DD		No. of Students 6 Registered:				
Venue: Lectur	e hall of	II & III y	ear CSE								

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Ref: SCE / CSE /Students / VAC / 2022 - 2023 / ODD

16.08.2022

CIRCULAR

In order to bridge the curricular gap between the Academic Syllabus and Industry requirements, Department of Computer Science and Engineering and IQAC of our Institution in association with Robomiracle Technologies, is organizing a Value Added Course (VAC) for the students of II, III and IV year of CSE, Al&DS on the title "Ethical Hacking and Penetration Testing" from 22.08.2022 to 26.08.2022. At the end of the VAC, course completion certificates will be issued to the eligible participants as per the following norms.

 Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended.

Resource Person	Mr.G.Rameshkumar	Mr.M.Kamalraj,
Resource reison	Project Manager,	Trainer,
Details	Robomiracle Technologies,	Robomiracle Technologies,
,	Coimbatore – 641002.	Coimbatore – 641002.
Venue	Lecture hall of 11 & 111 year CSI	

hab/cse

PRINCIPAL

Copy to:

- 1. Chairman & Secretary for information
- 2. Principal office
- 3. IQAC Co-Ordinator
- 4. Class In charges II, III & IV-Year CSE & AI&DS
- 5. II, III & IV-Year CSE & AI&DS Students
- 6. CSE & Al&DS Notice Board
- 7. Department File

Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).



Ref: SCE / CSE /Students / VAC / 2022 – 2023 / ODD

16.08.2022

SYLLABUS - VALUE ADDED COURSE

"Ethical Hacking and Penetration Testing"

From 22.08.2022 to 26.08.2022 (5 days)

Duration: 30 Hours

Academic Year: 2022-2023/ODD

S.No.	Topics Covered	Duration (In Hours)	Date
1	Introduction to Ethical Hacking	3	22.08.2022
2	Information Gathering and Footprinting	3	22.08.2022
3	Scanning and Enumeration	3	23.08.2022
4	Vulnerability Assessment	3	23.08.2022
5	Penetration Testing Methodology	3	24.08.2022
6	Web Application Security Testing	3	24.08.2022
7	Wireless Network Security	3	25.08.2022
8	Social Engineering and Physical Security	3	25.08.2022
9	Incident Response and Handling	3	26.08.2022
10	Legal and Ethical Aspects of Ethical Hacking	3	26.08.2022
	Total Hours	30	-

After successful completion of 30 hours VAC, the assessment test for the VAC titled "Ethical Hacking and Penetration Testing" will be conducted on 26.08.2022.

VAE COMPINIONS

HOD/CSE

Dr.M.VIJAYAKUMAR ME., Ph.D.,
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STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE

"Ethical Hacking and Penetration Testing"

From 22.08.2022 to 26.08.2023 (5 days)

Duration: 30 Hours

Academic Year: 2022 -2023 / ODD

S.No.	Reg No.	Name of the Student	Year / Branch				
1.	732421104003	DHARUNKUMAR M	II/CSE				
2.	732421104004	DIVAKAR S	II/CSE				
3.	732421104005	GOKUL S	II/CSE				
4.	732421104006	INDHU K	II/CSE				
5.	732421104007	NANDHINI S	II/CSE				
6.	732421104008	NIVETHITHA K	II/CSE				
7.	732421104009	PAVITHRA S	II/CSE				
8.	732421104010	PRAKASH P	II/CSE				
9.	732421104011	RAGU M	II/CSE				
10.	732421104012	RANJITH S	II/CSE				
11.	732421104013	SANJEEVAN R	II/CSE				
12.	732421104014	SAPNA PARVEEN A	II/CSE				
13.	732421104015	SATHYA M	II/CSE				
14.	732421104016	SHARAAPETCHI K	II/CSE				
15.	732421104017	SHARVIN P	II/CSE				
16.	732421104018	SOWNDHAR M	II/CSE				
17.	732421104019	SOWNDHARYA S	II/CSE				
18.	732421104020	SOWNDHARYA S	II/CSE				
19.	732421104021	SRISELVASAKTHIMAARI D	II/CSE				
20.	732421104022	THANGAVEL R	II/CSE				
21.	732421104023	VIGNESH M S	II/CSE				
22.	732421104024	YAZHINI P	II/CSE				
23.	732421104301	ASWIN J	II/CSE				
24.	732421104302	LOGESHWARANM	II/CSE				
25.	732421104304	PREETHI V	II/CSE				
26.	732421104305	RAJESHKUMAR K	II/CSE				
27.	732420104001	BALAJI M	III/CSE				
28.	732420104002	DEPAKAR B	IIVCSE				





STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE

S.No.	Reg No.	Name of the Student	Year / Branch
29.	732420104004	KIRUBAKARAN M	HI/CSE
30.	732420104006	NIVETHA S	III/CSE
31.	732420104008	SUDHAKAR M	HI/CSE
32.	732420104009	SUDHARSON R	III/CSE
33.	732420104010	VIGNESH M	III/CSE
34.	732419104001	ABBARNA N	IV/CSE
35.	732419104002	ADITHYA S	IV/CSE
36.	732419104003	DEEPA T	IV/CSE
37.	732419104004	DHEENAMANI E	IV/CSE
38.	732419104005	DHINESH KUMAR R	IV/CSE
39.	732419104006	ELANGOVAN P	IV/CSE
40.	732419104007	GAYATHIRI R	IV/CSE
41.	732419104009	HARI PRASANTH E K	IV/CSE
42.	732419104010	HARIPRASATH R	IV/CSE
43.	732419104012	JOHNSON KOILRAJ J	IV/CSE
44.	732419104013	KAMALEYSWARAN G	IV/CSE
45.	732419104014	KANNAN M	IV/CSE
46.	732419104015	KARTHIKEYAN P	IV/CSE
47.	732419104016	KAVITHALAKSHMI V	IV/CSE
48.	732419104017	KAVYA P	IV/CSE
49.	732419104018	LAVANYA C	IV/CSE
50.	732419104022	NAVEENA B	IV/CSE
51.	732419104023	NIVETHA K	IV/CSE
52.	732419104025	RAJA C	IV/CSE
53.	732419104026	ROBINSON R	IV/CSE
54.	732419104027	SABAREESWARIR	IV/CSE
55.	732419104029	SIVAM B	IV/CSE
56.	732419104031	SUBASHP	IV/CSE
57.	732419104032	SUBHASHINI N	IV/CSE
58.	732419104033	SUGLA	IV/CSE
59.	732419104301	KAVIN KUMAR M	IV/CSE
60.	732421243001	ARUN.A	II / AIDS
	732421243003	SANTHOSH KUMAR	II / AIDS
	732421243004	SIVAKUMAR.A	II / AIDS
-	21LADS301	MADHANKUMAR	II / AIDS





STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE

S.No.	Reg No.	Name of the Student	V
64.	732420243001	BHARADWAJS	Year / Branch
65.	732420243002		
66.	732420243301	INDHARESH	III /AIDS

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Vijayamangalam - 638 056, Tirupur (Dt).



STUDENTS ATTENDANCE LIST - VALUE ADDED COURSE

"Ethical Hacking and Penetration Testing"

From 22.08.2022 to 26.08.2022 (5 days)

Duration: 30 Hours

Academic Year: 2022 - 2023/ ODD

S.No	Reg No.	Name of the Student	Year/	22.08	3.2022	23.08	3.2022	24.08	8.2022	25.08	.2022	26.08	.2022	No. of Hours	Signature of the
3.,,,	1100		Branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	Student
1.	732421104003	DHARUNKUMAR.M	II/CSE	1	1	1	1	1	1	1	1	1	1	30	Dhagumha
2.	732421104004	DIVAKAR.S	II/CSE	1	1	1	,	,	1	a	1	1	1	24	Dive
3.	732421104005	GOKUL.S	II/CSE	1	1	1	1	1	1	1	1	1	J	30	Godela
4.	732421104006	INDHU.K	II/CSE	1	1	1	1	1	1	1	1	1	1	30	Edhak
5.	732421104007	NANDHINI.S	II/CSE	1	1.	1	1	1	1	1	1	1	1	30	Nandhin
6.	732421104008	NIVETHITHA .K	II/CSE	. 1	a.	1	1	1	1	j'.	1	1	1	27	Willen
7.	732421104009	PAVITHRA.S	II/CSE	1	1	- 1	1	a	a	,	1	1	1	24	Rawthy
8.	732421104010	PRAKASH.P	II/CSE	1	1	a	1	1	1	1	1	1	1	27	Ratel
9.	732421104011	RAGU.M	II/CSE	1	1.	1	1	1	1.	,	1	1	1	30	Ragu
10.	732421104012	RANJITH .S	II/CSE	,	1:	1	1	1	1	a	1	1	1	27	Ransithe
11.	732421104013	SANJEEVAN.R	II/CSE	1	1	- 1	1	1	1	,	1	1	1	30	Zavar

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S.No	Reg No.	Name of the Student	Year/ Branch	22.0	8.2022	23.08	3.2022	24.0	8.2022	25.0	8.2022	26.08	8.2022	No. of Hours	Signature of the
			branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	Student
12.	732421104014	SAPNA PRAVEEN.A	II/CSE	1	1	1	1	1	1	a	a	1.	1	24	Same
13.	732421104015	SATHYA.M	II/CSE	1	J	a	,	1	1	1	,	1	,	27	Sathye
14.	732421104016	SAHARAA PETCHI.K	II/CSE	1	1	1	1	i	1	,	-,	1	1	30	1 0
15.	732421104017	SHARVIN.P	II/CSE	,	,	1	,	1	1	,	a	<u>'</u>	1	27	00
16.	732421104018	SOWNDHAR.M	II/CSE		1	,	1	a	a	1	1	—	1		Chaun
17.	732421104019	SOWNDHARYA.S	II/CSE	,	a	,	1	,	1	,	,	,	,	24 (Countle
18.	732421104020	SOWNDHARYA.S	II/CSE	1-	1	1	,	,	,		, , , , , , , , , , , , , , , , , , ,	, ·	,	27	Source
19.	732421104021	SELVA SAKTHI MARI.D	II/CSE	a	1.	<u>'</u> ,	,	,	,			- 1	,	30	OHMO TO
20.	732421104022	THANGAVEL.R	II/CSE	1	1	,	,	,	,		,	,	,	27	CD .
21.	732421104023	VIGNESH.M.S	II/CSE	1	1	,	,	,	1		,	-	,	30	! Thugant
22.	732421104024	YAZHINI .P	II/CSE	1	,	,		,	,			4	-	30	Vigner
23.	732421104301	ASWIN J	II/CSE	1	,	1	,	a	1	<u> </u>			-/	30	Yanny.
24.	732421104302	LOGESHWARAN M	II/CSE	' ,	-	a	a	1	'			-	_/_	27	المكتب ال
25	732421104304	PREETHI V	II/CSE		-	u ,						_/		24	Together
26.	732421104305	RAJESHKUMAR K	II/CSE	-/-							<u>a</u>	1	_/	27	Præle
7.	32420104001	BALAJIM			1		_/	_/		_/	1	_/	1	30	RJu
8.			III/CSE	/	1		1	_/		J	a		_/	27	Balaji
-	732420104002	DEPAKAR.B	III/CSE	1	1	1	1	1	1	1	1	1	1	30	Deparon

Dr.M.VIJAYAKUMAR ME., Ph.D.,
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5.No	Reg No.	Name of the Student	Year/ Branch	22.08	3.2022	23.08	.2022	24.0	8.2022	25.08	8.2022	26.08	.2022	No. of Hours	Signature of the
			branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	Student
29.	732420104004	KIRUBAKARAN.M	III/CSE	1	1	1	1	1	1	a	a	1	1	24	Kirila
30.	732420104006	NIVETHA.S	III/CSE	1	,	a	,	1)	,	1	,	,	27	Ninitho
31.	732420104008	SUDHAKAR.M	III/CSE	,	1	1	١	a	1	,	-,	,	,	27	Suthal
32.	732420104009	SUDHARSON.R	III/CSE	1	1	1	١	1	١	,	1	,	1	30	5 007-
33.	732420104010	VIGNESH.M	III/CSE	1	a	1	3	1	1	1	,	1	1	27	1 In
34.	732419104001	ABBARNA N	IV/CSE	. 1	J	.1	1	1	1	a	a	1	,	24	Abourance
35.	732419104002	ADITHYA S	IV/CSE	1.	a	1	1	1	1	1	,	1	,	27	Adin
36.	732419104003	DEEPA T	IV/CSE	1	1	1	1	a	a	1	1	,	1	24	Dope.
37.	732419104004	DHEENAMANI E	IV/CSE	1	1	1	a	1	١	1	,	,	,	27	
38.	732419104005	DHINESH KUMAR R	IV/CSE	11	1	1	1	1	1	1	1	,	1	30	Plus
39.	732419104006	ELANGOVAN P	IV/CSE	a	a	1	١	1	1	1	1	J	1	2U 24	Elangon
40.	732419104007	GAYATHIRI R	IV/CSE	1	1	1	1	a	1	,	1	1	1	27	0
41.	732419104009	HARI PRASANTH E K	IV/CSE	1	1	1	1	1	1	1	1	1	1	30	Chayac H
42.	732419104010	HARIPRASATH R	IV/CSE	,	i	1	i	1	1	1	1	1	1	30	Haripaant
43.	732419104012	JOHNSON KOILRAJ J	IV/CSE	,	1	Ì	1	1	,	a	a	,	,	24	Horiprae,
44.	732419104013	KAMALEYSWARAN G	IV/CSE	1	/	a	'	1	`	/	1	1)	27	Kamaleswager

Dr.M.VIJAYAK UMAR ME., Ph.D.,
PENICOPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayainangalam - 638 036, Tirupur (Dt).



		an afaba Shudana	Year/	22.08	3.2022	23.08	.2022	24.08	8.2022	25.08	3.2022	26.08	.2022	No. of Hours	Signature of the
S.No	Reg No.	Name of the Student	Branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	Student
45.	732419104014	KANNAN M	IV/CSE	1	1	1	1	1	1	1	1	1	1	30	Kanan.
46.	732419104015	KARTHIKEYAN P	IV/CSE	a	a	١	1	1	١	t	1	1	1	24	tath.
47.	732419104016	KAVITHALAKSHMI V	IV/CSE	1	1	1	1	1	١	1	1	1	1	30	Kanklankan
48.	732419104017	KAVYA P	IV/CSE	1.	1	,	١	١	1'	a	1	ı	1	27	Variable
49.	732419104018	LAVANYA C	IV/CSE	1	1	a	1	1	1	1	1	1		27	Lavaria
50.	732419104022	NAVEENA B	IV/CSE	1	t	1	1	١	١	l	1.	l.	1	30	Naverna
51.	732419104023	NIVETHA K	IV/CSE	1	1	1	1	1	a	.1	1	1	1	27	Doutha
52	732419104025	RAJA C	IV/CSE	1	1	1	1	a	a	1)	1	ſ	24	Reja.
53.	732419104026	ROBINSON R	IV/CSE	1	a	1	1	1	١	1	1	1	1	27	Robinsh
54.	732419104027	SABAREESWARI R	IV/CSE	1	1	\	1	1	1	a	a	ſ	1	24	Sabarces
55.	-32419104029	SIVAM B	IV/CSE	1	1	1	\	\	١	,	1	1	,	30	Siron.
6.	732419104031	SUBASH P	IV/CSE		,	١.	1	١	1	,	. /	1	1	30	B.L.P
7.	32419104032	SUBHASHINI N	IV/CSE	1	,	α	a	1	1	1	,	1	1	24	Sulhash
8.	732419104033	SUGI A	IV/CSE	1	,	1	1	1	(1	a	1	1	27	Sugar
9.	732419104301	KAVIN KUMAR M	IV/CSE	1	,	1	\	. 1	1	1	. /	1	1	30	Kaninku
0.	732421243001	ARUN.A	II / AIDS	1	,	1	1	1	1	a	a	1	,	24	Arun
1.	732421243003	SANTHOSH KUMAR	II / AIDS	1	,	1	1	1	1	1	1	1	1	30	Stil.

Dr.M.VIJAYARUMAR ME., Ph.D.,
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SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 633 056, Tirupur (Dt).



S.No Reg No.		Name of the Student	Year/ Branch	22.0	8.2022	23.08	3.2022	24.0	8.2022	25.0	8.2022	26.08	3.2022	No. of	Signature of the
-			branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Hours Attended	Student
62	732421243004	SIVAKUMAR.A	II / AIDS	1	a	,	,	,	,	,	1		AIV		
63	21LADS301	MADHANKUMAR	II / AIDS	+;		(,	1	. /		<u> </u>	1	,	27	Swakuman
54.	732420243001	BHARADWAJ S	III /AIDS	1	- /			/	/	a	a	,	/	24	Madhor
5.	732420243002	KATHIRAVAN T J	III /AIDS	1		<u>a</u>	a	1	/	/	1	. 1	1	24	Bharactue,
16.	732420243301			/	/		/	1	1	/	a	!	1		Kathiranan
-	732420243301	INDHARESH	III /AIDS	1	1	1	a	1	1	1	1	1	,	27	(1)

VAL Coordinators

Not CSE

Dr. N. VIJAYA DALAR ME, Ph.D.
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Ct).



			Report on Valu	e Ada	led (Course			
Title:	Ethical Hacking and Penetration Testing								
Resource Person: Proj Rob			ject Manager, comiracle Technologies,			Mr.M.Kamalraj, Trainer, Robomiracle Technologies, Coimbatore – 641002.			
Date of c	onduct fr	om:	22.08.2022	To:	26.08.2023 Dur		Duration:	30 F	lours
Organize	d by:	30 4 -6	COMPUTER SCIENCE A Robomiracle Technologies		GINF	EERING an	d IQAC in a	ssociat	ion with
Academic	Year:		2022 – 2023			Semester:		ODD	
Participant Year: II, II			I, IV Year CSE & AI&DS			No. of Students Participated : 66			
Venue:	Lecture	hall o	f II & III year CSE						
			Outcome of Value A	dded (Cours	se (VAC)			
1	C.1 C		04 1 4 1 11						

At the end of the Course, Students can be able to

- · Develop a solid understanding of cybersecurity concepts and principles.
- Acquire skills in conducting vulnerability assessments and prioritizing remediation efforts.
- Gain expertise in securing web applications by identifying and mitigating common vulnerabilities.
- Understand how to defend against social engineering attacks and secure the human element in cybersecurity.
- Understand the legal and ethical aspects of ethical hacking.

Assessment Process

- Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended
- Total Score = (0.5 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks).

No. of students successfully completed the VAC course is 66 Students based on the above assessment process.

VAC Co-ordinator

Han/CSF

Principal

Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).



Certificate of Participation

This is to	certify that	Mr./Ms	SAPNA PARVEEN A,II/CSE has
successfully	completed th	e Value A	dded Course titled "Ethical Hacking and Penetration Testing" Organized by the
Department	of Computer	Science a	nd Engineering in association with IQAC of Sasurie College of Engineering and
Robomiraci	le Technolog	ies, Coimb	atore from 22.08.2022 to 26.08.2022 (5 Days).

Co-ordinator

Head of the Department

Principal

Dr.M. VIJAYAKUMAR ME., Pn.D.,
FRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (0t).



Certificate of Participation

This is to	certify that	Mr./Ms	RANJITH S,II/CSE has
successfully	completed th	he Value A	dded Course titled "Ethical Hacking and Penetration Testing" Organized by the
Department	of Compute	r Science a	nd Engineering in association with IQAC of Sasurie College of Engineering and
Robomirac	le Technolog	gies, Coimb	atore from 22.08.2022 to 26.08.2022 (5 Days).

Co-ordinator

Head of the Department

Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASLIRIF COLLEGE OF ENGINEERING

Vijayamangalam - 638 056, Tirupur (Dt).



Certificate of Participation

This is to	certify t	hat I	Mr./Ms	SUDHAKAR M,III/CSE	ıas
successfully	•			dded Course titled "Ethical Hacking and Penetration Testing" Organized by	the
Department	of Comp	uter S	Science a	nd Engineering in association with IQAC of Sasurie College of Engineering a	nd
Robomirac	le Techno	logie	s, Coimb	atore from 22.08.2022 to 26.08.2022 (5 Days).	

Head of the Department

Principal

Dr.M. VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).



Certificate of Participation

This is to certify t	hat Mr./Ms	VIGNESH M,III/CSE	has
successfully complete	d the Value Added	Course titled "Ethical Hacking and Penetration T	esting" Organized by the
Department of Comp	uter Science and Er	ngineering in association with IQAC of Sasurie Col	llege of Engineering and
Robomiracle Techno	logies, Coimbatore	e from 22.08.2022 to 26.08.2022 (5 Days).	

Co-ordinator

Head of the Department

Principal

Dr.W. VI JAYAN, JWIAR ME., Ph.D., PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).



Certificate of Participation

This	is	to	certify	that	Mr./Ms	SUGI A,IV/CSE	has
succe	essf	ully	comple	ted th	e Value A	Added Course titled "Ethical Hacking and Penetration Testing" Organized by	the
Depa	Department of Computer Science and Engineering in association with IQAC of Sasurie College of Engineering and						
Robe	omi	rac	le Techi	nologi	les, Coimi	batore from 22.08.2022 to 26.08.2022 (5 Days).	

Co-ordinator

Head of the Department

Principal

Dr.M. VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).



Certificate of Participation

This is t	to certify th	nat Mr./Ms ·	ARUN A,II/AIDS	has
successfu	lly completed	d the Value Added	Course titled "Ethical Hacking and Penetrat	ion Testing" Organized by the
Departme	ent of Compu	iter Science and En	gineering in association with IQAC of Sasur	ie College of Engineering and
Robomir	acle Techno	logies, Coimbatore	from 22.08.2022 to 26.08.2022 (5 Days).	

Co-ordinator

Head of the Department

Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 U56, Tirupur (U1).



Certificate of Participation

This is to	certify that	Mr./Ms	SIVAKUMAR T V,II/AIDS has
successfully	completed t	he Value A	dded Course titled "Ethical Hacking and Penetration Testing" Organized by the
Department	of Compute	r Science a	nd Engineering in association with IQAC of Sasurie College of Engineering and
Robomirac	le Technolog	gies, Coimb	patore from 22.08.2022 to 26.08.2022 (5 Days).

Co-ordinator

Head of the Department

Principal

Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIS COLLEGE OF ENGINEERING.

Vijayamangalam - 638 056, Tirupur (Dt).



Certificate of Participation

This is to certify that Mr./Ms	KATHIRAVAN T J,III/AIDS has
successfully completed the Value A	added Course titled "Ethical Hacking and Penetration Testing" Organized by the
Department of Computer Science a	and Engineering in association with IQAC of Sasurie College of Engineering and
Robomiracle Technologies, Coimb	patore from 22.08.2022 to 26.08.2022 (5 Days).

Co-ordinator

Head of the Department

Principal

PRINCIPAL

SASURIS COLLEGE OF ENGINEERING

Vijayamangalam - 638 056, Tirupur (Dt).



TEST QUESTION PAPER - VALUE ADDED COURSE

"Ethical Hacking and Penetration Testing"

From 22.08.2022 to 26.08.2023 (5 days)

Duration: 30 Hours

Academic Year: 2022 -2023 / ODD

Date of Test: 26.08.2023

MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)

Name of the Student:

Year/Sem:

AU Register Number:

Answer all the questions:

- 1. What is the primary goal of ethical hacking?
 - a. Data theft
 - b. System disruption
 - c. Unauthorized access
 - d. Identifying and fixing security vulnerabilities
- 2. which phase of ethical hacking involves identifying live hosts, open ports, and services on a network?
 - a. Scanning
 - b. Enumeration
 - c. Footprinting
 - d. Exploitation
- 3. What is the primary purpose of vulnerability assessment in ethical hacking?
 - a. Hacking into systems
 - b. Identifying and assessing vulnerabilities
 - c. Creating new vulnerabilities
 - d. Conducting social engineering attacks
- 4. What is the primary objective of penetration testing?
 - a. Identifying vulnerabilities
 - b. Exploiting vulnerabilities
 - c. Fixing vulnerabilities
 - d. Documenting vulnerabilities

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Vijayamangalam - 638 056, Tirupur (Dt).



- 5. What does the term "Brute Force Attack" refer to in ethical hacking?
 - a. Guessing passwords systematically
 - b. Social engineering
 - c. Denial of Service (DoS)
 - d. Exploiting software vulnerabilities
- 6. What is the main focus of social engineering attacks in the context of ethical hacking?
 - a. Exploiting software vulnerabilities
 - b. Gaining unauthorized physical access
 - c. Manipulating people to reveal sensitive information
 - d. Conducting denial-of-service attacks
- 7. What is the primary goal of an incident response plan in ethical hacking?
 - a. Preventing incidents
 - b. Detecting incidents
 - c. Responding to and mitigating incidents
 - d. Ignoring incidents
- 8. Which legal and ethical principle emphasizes acting in the best interest of others and avoiding harm?
 - a. Non-malfeasance
 - b. Autonomy
 - c. Justice
 - d. Beneficence
- 9. What is the purpose of a honeypot in ethical hacking?
 - a. Identifying attacker
 - b. Slowing down network traffic
 - c. Attracting and detecting attackers
 - d. Blocking malicious websites
- 10. Which tool is commonly used for network scanning in ethical hacking?
 - a. Wireshark
 - b. Nmap
 - c. Metasploit
 - d. Burp Suite
- 11. Which of the following is a common web application vulnerability?
 - a. DNS spoofing
 - b. SQL injection
 - c. MAC spoofing
 - d. SYN flood attack
- 12. What is the primary purpose of wireless network security?
 - a. Preventing physical theft
 - b. Protecting against unauthorized access to wireless networks
 - c. Securing web applications
 - d. Mitigating social engineering attacks
- 13. What is the key element of social engineering attacks?
 - a. Exploiting software vulnerabilities
 - b. Manipulating individuals to disclose confidential information
 - c. Performing network scans
 - d. Conducting denial-of-service attacks

Dr.M.VIJAYAKUMAR ME., Ph.D.,
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- 14. Which phase of penetration testing involves gaining unauthorized access to systems?
 - a. Footprinting
 - b. Scanning
 - c. Enumeration
 - d. Exploitation
- 15. Which legal and ethical consideration is crucial in ethical hacking?
 - a. . Maximizing system disruption
 - b. Operating within legal boundaries
 - c. Concealing findings from stakeholders
 - d. Ignoring vulnerabilities in the system
- 16. What does a vulnerability scanner do in ethical hacking?
 - a. Exploits vulnerabilities
 - b. Identifies and reports vulnerabilities
 - c. Encrypts data
 - d. Initiates denial-of-service attacks
- 17. Which tool is commonly used for password cracking in ethical hacking?
 - a. Nessus
 - b. Wireshark
 - c. John the Ripper
 - d. Snort
- 18. Which phase of ethical hacking involves testing physical security measures?
 - a. Social engineering
 - b. Physical penetration testing
 - c. Web application testing
 - d. Vulnerability assessment
- 19. What is the primary goal of a man-in-the-middle (MITM) attack?
 - a. Data encryption
 - b. Identity theft
 - c. Intercepting communication
 - d. Denial-of-service attacks
- 20. What is the primary focus of a penetration testing report?
 - a. Legal disclaimers
 - b. Identifying and prioritizing vulnerabilities
 - c. Conducting social engineering tests
 - d. Scanning network traffic
- 21. Which ethical hacking phase involves verifying if a vulnerability has been successfully exploited?
 - a. Exploitation
 - b. Scanning
 - c. Enumeration
 - d. Post-exploitation
- 22. Which protocol is commonly associated with securing email communication?
 - a. FTP
 - b. SMTP
 - c. POP3
 - d. HTTP

Dr.M.VIJAYAKUMAR ME., Ph.D.,
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- 23. What is the primary purpose of a firewall in network security?
 - a. Identifying and fixing vulnerabilities
 - b. Blocking unauthorized access
 - c. Conducting network scans
 - d. Encrypting communication
- 24. What is the role of a proxy server in ethical hacking?
 - a. Identifying vulnerabilities
 - b. Encrypting data
 - c. : Intercepting and filtering network traffic
 - d. Initiating denial-of-service attacks
- 25.- Which of the following is a penetration testing methodology?
 - a. DNS Spoofing
 - b. OWASP Top 10
 - c. Metasploit Framework
 - d. HIPAA Compliance

Dr.M.VIJAYAKUMAR ME., Ph.D.,
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Vijayamangalam - 638 056, Tirupur (Dt).



TEST QUESTION ANSWER KEY - VALUE ADDED COURSE

"Ethical Hacking and Penetration Testing"

From 22.08.2022 to 26.08.2023 (5 days)

Duration: 30 Hours

Academic Year: 2022-2023/ODD

Date of Test: 26.08.2023

1	с	6	С	11	ь	16	ь	21	a
2	a	7	С	12	b	17	с	22	ь
3	b	8	a	13	d	18	ь	23	ь
4	а	9	с	14	d	19	с	24	с
5	а	10	Ь	15	b	20	b	25	b

VAC Coordinator

Dr.M.VIJAYAKUMAR ME., Ph.D.,
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SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 633 056, Tirupur (Dt).





TEST QUESTION PAPER - VALUE ADDED COURSE

"Ethical Hacking and Penetration Testing"

From 22.08.2022 to 26.08.2023 (5 days)

Duration: 30 Hours

Academic Year: 2022 -2023 / ODD

Date of Test: 26.08.2023

MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)

Name of the Student: M . Ragu

Year/Sem: 1 / 17d

AU Register Number: 732421104011

Answer all the questions:

- 1. What is the primary goal of ethical hacking?
 - a. Data theft
 - b. System disruption
 - O Unauthorized access
 - d. Identifying and fixing security vulnerabilities
- 2. which phase of ethical hacking involves identifying live hosts, open ports, and services on a network?
 - Scanning
 - b. Enumeration
 - c. Footprinting
 - d. Exploitation
- 3. What is the primary purpose of vulnerability assessment in ethical hacking?
 - a. Hacking into systems
 - b Identifying and assessing vulnerabilities
 - c. Creating new vulnerabilities
 - d. Conducting social engineering attacks
- 4. What is the primary objective of penetration testing?
 - a Identifying vulnerabilities
 - b. Exploiting vulnerabilities
 - c. Fixing vulnerabilities
 - d. Documenting vulnerabilities

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Vijayamangalam - 633 056, Tirupur (Dt).



- 5. What does the term "Brute Force Attack" refer to in ethical hacking?
 - a. Guessing passwords systematically
 - b. Social engineering
 - Denial of Service (DoS)
 - d. Exploiting software vulnerabilities
- 6. What is the main focus of social engineering attacks in the context of ethical hacking?
 - a. Exploiting software vulnerabilities
 - b. Gaining unauthorized physical access
 - Manipulating people to reveal sensitive information
 - d. Conducting denial-of-service attacks
- 7. What is the primary goal of an incident response plan in ethical hacking?
 - a. Preventing incidents
 - b. Detecting incidents
 - Responding to and mitigating incidents
 - d. Ignoring incidents
- 8. Which legal and ethical principle emphasizes acting in the best interest of others and avoiding harm?
 - Non-malfeasance
 - b. Autonomy
 - c. Justice
 - d. Beneficence
- 9. What is the purpose of a honeypot in ethical hacking?
 - a. Identifying attacker
 - b. Slowing down network traffic
 - Attracting and detecting attackers
 - d. Blocking malicious websites
- 10. Which tool is commonly used for network scanning in ethical hacking?
 - a. Wireshark
 - b. Nmap
 - Metasploit
 - d. Burp Suite
- 11. Which of the following is a common web application vulnerability?
 - a. DNS spoofing
 - SQL injection
 - c. MAC spoofing
 - d. SYN flood attack
- 12. What is the primary purpose of wireless network security?
 - Preventing physical theft
 - (b) Protecting against unauthorized access to wireless networks
 - c. Securing web applications
 - d. Mitigating social engineering attacks
- 13. What is the key element of social engineering attacks?
 - a. Exploiting software vulnerabilities
 - b. Manipulating individuals to disclose confidential information
 - c. Performing network scans
 - Conducting denial-of-service attacks

Dr.M.VIJAYAKUMAR ME., Ph. D.
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SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 036, Tirupur (Dt).



14 Whi	ch phase of penetration testing involves gaining unauthorized access to systems?
a.	Footprinting
(A)	Scanning
c.	Enumeration
d.	Exploitation
5. Whic	h legal and ethical consideration is crucial in ethical hacking?
a.	Maximizing system disruption
Ð	Operating within legal boundaries
c.	Concealing findings from stakeholders
d.	Ignoring vulnerabilities in the system
6. What	does a vulnerability scanner do in ethical hacking?
a.	Exploits vulnerabilities
Œ.	Identifies and reports vulnerabilities
c.	Encrypts data
d.	Initiates denial-of-service attacks
7. Which	h tool is commonly used for password cracking in ethical hacking?
a.	Nessus
b.	Wireshark
. (C)	John the Ripper
d.	Snort
18. Whic	h phase of ethical hacking involves testing physical security measures?
(a).	Social engineering
. (Ъ	Physical penetration testing
c.	Web application testing
d.	Vulnerability assessment
19. Wha	t is the primary goal of a man-in-the-middle (MITM) attack?
a.	Data encryption
b.	32 (3.1.3) D F
©	Intercepting communication
d.	Denial-of-service attacks
20. Wha	t is the primary focus of a penetration testing report?
a.	Legal disclaimers
b.	Identifying and prioritizing vulnerabilities
0	
. d.	
	ch ethical hacking phase involves verifying if a vulnerability has been successfully
exploite	
a	Exploitation
b.	Scanning
c.	Enumeration
d.	Post-exploitation
	ch protocol is commonly associated with securing email communication?
a.	FTP
(B)	
c.	POP3
d.	HTTP





- 23. What is the primary purpose of a firewall in network security?
 - Identifying and fixing vulnerabilities
 - a. D Blocking unauthorized access
 - c. Conducting network scans
 - d. **Encrypting communication**
- 24. What is the role of a proxy server in ethical hacking?
 - Identifying vulnerabilities
 - b. Encrypting data
 - (C) d. Intercepting and filtering network traffic
 - Initiating denial-of-service attacks
- 25. Which of the following is a penetration testing methodology?
 - **DNS** Spoofing
 - b. OWASP Top 10
 - Metasploit Framework
 - HIPAA Compliance

asurie college of engineering, Vijayamangalam - 638 056, Tirupur (Dt).



ASSESMENT SHEET - VALUE ADDED COURSE

"Ethical Hacking and Penetration Testing"

From 22.08.2022 to 26.08.2022 (5 days)

Duration: 30 Hours

Attendance Details VAC-MCQ TEST OVERALL Score Year/ MCQ S.NoReg No. Name of the Student (100)No. of Attendance No. of Branch Score (50% of A Hours Score (100) Correct (100)+ 50% of B) Attended (A) Answers (B) 732421104003 DHARUNKUMAR.M II/CSE 1. 100 21 30 84 92 732421104004 DIVAKAR.S II/CSE 2. 27 90 19 76 83 3. 732421104005 **GOKUL.S** II/CSE 30 100 19 76 88 4. 732421104006 INDHU.K II/CSE 30 100 19 76 88 5. 732421104007 | NANDHINI.S II/CSE 30 21 100 84 92 732421104008 NIVETHITHA .K II/CSE 6. 27 90 21 84 87 II/CSE 732421104009 PAVITHRA.S 24 80 20 80 80 732421104010 PRAKASH.P II/CSE 8. 27 90 21 84 87 732421104011 II/CSE RAGU.M 9 30 100 20 80 90 10 732421104012 RANJITH .S II/CSE 27 90 19 83 76 732421104013 11 II/CSE SANJEEVAN.R 30 100 19 76 88 12 732421104014 SAPNA PARVEEN A II/CSE 24 20 80

PRINCIPAL

SASURIE COLLEGE OF ENGINEERING,

Vijayamangalam - 638 058, Tirupur (0t).

Academic Year: 2022 - 2023/ ODD



S.No			Year/ Branch	Attenda	nce Details	VAC-MO	OVERALL	
	Reg No.	Name of the Student		No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	Score (100) (50% of A +50% of B)
13.	732421104015	SATHYA M	II/CSE	27	90	19	76	83
14.	732421104016	SHARAAPETCHI K	II/CSE	30	100	20	80	90
15.	732421104017	SHARVIN P	II/CSE	27	90	19	76	83
16.	732421104018	SOWNDHAR M	II/CSE	24	80	21	84	82
17.	732421104019	SOWNDHARYA S	II/CSE	27	90	20	80	85
18.	732421104020	SOWNDHARYA S	II/CSE	30	100	21	84	92
19.	732421104021	SRISELVASAKTHIMAARI D	II/CSE	27	90	20	80	85
20.	732421104022	THANGAVEL R	II/CSE	30	100	19	76	88
21.	732421104023	VIGNESH M S	II/CSE	30	100	20	80	90
22.	732421104024	YAZHINI P	II/CSE	30	100	21	84	92
23.	732421104301	ASWIN J	II/CSE	27	90	21	84	87
24.	732421104302	LOGESHWARAN M	II/CSE	24	80	20	80	80
25.	732421104304	PREETHI V	II/CSE	27	90	21	84	87
26.	732421104305	RAJESHKUMAR K	II/CSE	30	100	20	80	90
27.	732420104001	BALAJI M	III/CSE	27	90	19	76	- 83
28.	732420104002	DEPAKAR B	III/CSE	30	100	19	76	88
29.	732420104004	KIRUBAKARAN M	III/CSE	24	80	20	80	80





S.No.	Reg No.	Name of the Student	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL
				No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	Score (100) (50% of A + 50% of B)
30.	732420104006	NIVETHA S	III/CSE	27	. 90	19	76	83
31.	732420104008	SUDHAKAR M	III/CSE	27	90	19	76	83
32.	732420104009	SUDHARSON R	III/CSE	30	100	19	76	88
33.	732420104010	VIGNESH M	III/CSE	27	90	19	76	83
34.	732419104001	ABBARNA N	IV/CSE	24	. 80	21	84	82
35.	732419104002	ADITHYA S	IV/CSE	27	90	20	80	85
36.	732419104003	DEEPA T	IV/CSE	24	80	20	80	80
37.	732419104004	DHEENAMANI E	IV/CSE	27	90	19	76	83
38.	732419104005	DHINESH KUMAR R	IV/CSE	30	100	19	76	88
39.	732419104006	ELANGOVAN P	IV/C\$E	24	80	20	80	80
40.	732419104007	GAYATHIRI R	IV/CSE	27	90	19	76	83
41.	732419104009	HARI PRASANTH E K	IV/CSE	30	100	19	76	88
42.	732419104010	HARIPRASATH R	IV/CSE	30	100	19	76	88
43.	732419104012	JOHNSON KOILRAJ J '	IV/CSE	24	- 80	20	80	80
44.	732419104013	KAMALEYSWARAN G	IV/CSE	27	90	19	76	83
45.	732419104014	KANNAN M	IV/CSE	30	100	19	76	88
46.	732419104015	KARTHIKEYAN P	IV/CSE	24	80	20	80	80
47.	732419104016	KAVITHALAKSHMI V	IV/CSE	30	100	19	76	88

Dr.M.VIJAYAKUMAR ME., Ph.D.,
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S.No.	Reg No.	Name of the Student	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL Score
				No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	(100) (50% of A + 50% of B)
48.	732419104017	KAVYA P	IV/CSE	27	90	19	76	83
49.	732419104018	LAVANYA C	IV/CSE	27	90	19	76	83
50.	732419104022	NAVEENA B	IV/CSE	30	100	19	76	88
51.	732419104023	NIVETHA K	IV/CSE	27	90	19	76	83
52.	732419104025	RAJA C	IV/CSE	24	80	21	84	82
53.	732419104026	ROBINSON R	IV/CSE	27	90	20	80	85
54.	732419104027	SABAREESWARI R	IV/CSE	24	80	20	80	80
55.	732419104029	SIVAM B	IV/CSE	30	100	19	76	88
56.	732419104031	SUBASH P	IV/CSE	30	100	19	76	88
57.	732419104032	SUBHASHINI N	IV/CSE	24	. 80	20	80	80
58.	732419104033	SUGI A	IV/CSE	27	90	19	76	83
59.	732419104301	KAVIN KUMAR M	IV/CSE	30	100	19	76	88
60.	732421243001	ARUN.A	II / AIDS	24	80	20	80	80
61.	732421243003	SANTHOSH KUMAR	II / AIDS	30	100	19	76	88
62.	732421243004	SIVAKUMAR.A	II / AIDS	27	90	19	76	83
63.	21LADS301	MADHANKUMAR	II / AIDS	24	80	20	80	80





S.No.	Reg No.	Name of the Student	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL
				No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	(100) (50% of A + 50% of B)
64.	732420243001	BHARADWAJ S	III /AIDS	24	80	20	80	80
65.	732420243002	KATHIRAVAN T J	III /AIDS	27	90	. 19	76	83
66.	732420243301	INDHARESH	III /AIDS	27	90	19	76	83

VACCOORDINATOR A

DGNC ST

Dr.M. VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).