



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

IAF - AVADI, CHENNAI-55

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



STUDENT CIRCULAR

Date: 04.08.2020

The Department of Computer Science and Engineering plans to conduct a Value Added Course on “CYBER SECURITY” by “ Mr.REMO JESURAJ, M/s Chase Technologies”, for the benefit of II year B.E CSE Students. This Course is Scheduled from 12-08-2020 to 05-09-2020 at 4.00 PM to 5.50 PM for 34 hours(4 WEEKS). All students must attend all the online classes with 75% attendance and score 50% marks on the quiz. .Students who complete the course successfully will receive e-certificates

Shanker R

HOD/CSE

HEAD
Computer Science & Engineering
Aalim Muhammed Salegh
College of Engineering

COPY TO :

IQAC

Resource Person : Mr.REMO JESURAJ

CSE Faculty Members

IV Year CSE Students Whatsapp group

HOSTEL/TransportSupervisor

Campus Manager/Campus Engineer



[Signature]
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AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Approved by AICTE and Affiliated to Anna University Chennai



TNEA Counselling CODE: **1101**

Department of Computer Science and Engineering
organizes

**value
added
course**

**FROM
12/08/2020
TO
5/09/2020**

“CYBER SECURITY”

For -II Year Students

Timing :4.00 PM to 5.50PM

Meet Link:<https://meet.google.com/yaa-fsfm-ixn>

Resource Person :

**Mr.Remo Jesuraj
M/S Chase Technologies**

**Dr.N.R.Shanker
HOD/CSE**

**Prof.Dr.Afzal Ali Baig
Principal**

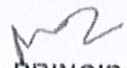
**Alhaj S Segu Jamaludeen
Secretary & Correspondent**

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE-ADDED COURSE- SUMMARY REPORT



COURSE NAME: CYBER SECURITY

Date: 12-08-2020 to 05-09-2020

Course Hours: 34 Hours

No. of Weeks: 4

No. of Modules: 4

Time: 4.00P.M to 5.50P.M

Mode of Conduction: Online

Speaker: Remo Jesuraj

Students Attended: 85

Objective of the Course:

- Exhibit knowledge to secure Corrupted systems, protect personal data, and secure computer networks inan Organization.
- Develop cyber security strategies and policies
- To prevent data breaches and identity theft by safe guarding sensitive informationfrom hackers, cyber criminals, and other malicious actors
- Understand principles of web security and to guarantee a secure network by monitoring and analyzing the nature of attacks through cyber/computer forensicssoftware/tools

Summary of the course: A total of 85 students were Participated and got introduced withCyber Security .The students will learn analyze and evaluate the cyber security needs of organization

Course Outcomes:

Upon Successful completion of this course students should be able to:

- Measure the performance and troubleshoot Cyber security systems
- Implement Cyber security solutions and use of cyber security, information assurance ,and cyber/computer forensics software/tools.




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- Determine and analyze software vulnerabilities and security solutions to reduce the risk of exploitation Build machine learning model.

(Signature)
05/11/20

COURSE COORDINATOR

(Signature)

HOD/CSE

HEAD
Computer Science & Engineering
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College of Engineering



(Signature)
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COLLEGE OF ENGINEERING

From

Date: 04-08-2020

The HOD,
Department of Computer Science and Engineering,
Aalim Muhammed Salegh College of Engineering,
Muthapudupet, Avadi,
Chennai- 600 055.

To

The Principal,
Aalim Muhammed Salegh College of Engineering,
Muthapudupet, Avadi,
Chennai - 600 055.

Subject: Requisition for Approval of Value-Added Course on "Cyber Security"- Reg.

Respected Sir,

We would like to arrange a Value-Added Course on the title "Cyber Security" for second-year CSE students. The Course will be conducted by "Mr. Remo Jesuraj", M/s Chase Technologies. The Value-Added Course will be conducted from 12.08.2020 to 05.09.2020. So we kindly request you to provide approval for the same.

Thanking you

permitted
Shafiq
4/8/20
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COLLEGE OF ENGINEERING
AVADI - IAF, MUTHAPUDUPET
CHENNAI 600 055

Yours Faithfully

Shankey . M
4/08/20
HOD/CSE



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course Details



Course Name: Cyber Security

Date : 12-08-2020 to 05-09-2020

Week	Content	Total Hours
1	Module 1: INTRODUCTION TO CYBER SECURITY <ul style="list-style-type: none">• What's Cyber Security• Types of Cyber Security• Cyber Security Goals• Types of Cyber Security Threats• Cyber Security Benefits	8
2	Module 2: CONCEPT OF CYBERSPACE <ul style="list-style-type: none">• Threat Intelligence• Incident Response• Security Information and Event Management (SIEM)• Advanced Persistent Threats (APTs)• Zero Trust Architecture	8
3	Module 3: CONCEPT OF CYBER CRIME <ul style="list-style-type: none">• Artificial Intelligence and Machine Learning in Cybercrime• Autonomous Devices and Systems• Internet of Things (IoT) Security• Blockchain and Distributed	9



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	Ledger Technologies (DLTs)	
4	Module 4: MALWARE AND ITS TYPES <ul style="list-style-type: none"> ● Fileless Malware ● Polymorphic Malware ● Metamorphic Malware ● Malware-as-a-Service (MaaS) 	9
Total Hours		34




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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE NAME: CYBER SECURITY

TIMING: 4.00 P.M TO 5.50 PM



S.No	DATE	COURSE CONTENT
1	12/08/2020	Introduction to Cyber Security
2	13/08/2020	Types of Cyber Security
3	14/08/2020	Cyber Security Threats
4	17/08/2020	CyberSecurityBenefits
5	18/08/2020	Cyberspace
6	19/08/2020	Threat Intelligence
7	20/08/2020	Incident Response
8	21/08/2020	Security Information and Event Management
9	24/08/2020	Advanced Persistent Threats(APTs)
10	25/08/2020	Zero Trust Architecture
11	26/08/2020	Artificial Intelligence and Machine Learning in Cybercrime
12	27/08/2020	Autonomous Devices and Systems
13	28/08/2020	Internet of Things (IoT) Security
14	31/08/2020	Blockchain and Distributed Ledger Technologies (DLTs)
15	01/09/2020	Fileless Malware
16	02/09/2020	Polymorphic Malware
17	03/09/2020	Metamorphic Malware
18	04/09/2020	Malware-as-a-Service (MaaS)
19	05/09/2020	Malware and its types

7/9/20



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
VALUE ADDED COURSE - ATTENDANCE SHEET
COURSE NAME: CYBER SECURITY



S.NO	REGISTER NUMBER	STUDENT NAME	12/8/20	13/8/20	14/8/20	17/8/20	18/8/20	19/8/20	20/8/20	21/8/20	24/8/20	25/8/20	26/8/20	27/8/20	28/8/20	29/8/20	31/8/20	1/9/20	2/9/20	3/9/20	4/9/20	7/9/20
1	110119104001	ABDULLAH T	/	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/
2	110119104002	ABDULLAH SYED ISMAIL	/	/	/	/	/	/	/	a	/	/	/	a	/	/	/	/	/	/	/	/
3	110119104003	ABDUL MUIZZ A	/	/	/	/	/	/	/	/	a	/	a	/	/	/	/	/	/	/	/	/
4	110119104004	ADNAN SHARIQ P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
5	110119104005	AHAMED LAMEEN S	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
6	110119104006	AHAMEDULLAH JAVITH A	a	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/
7	110119104007	AMAL P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
8	110119104008	AMEEN A	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	a	/	/
9	110119104009	AMEER KHAN	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
10	110119104010	ANJUM FATHIMA N	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/
11	110119104011	ASHRAF ALI A	/	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a	/
12	110119104012	ASIKA BANU M	a	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/
13	110119104013	ASWAD SHEERAAZ S	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
14	110119104014	AYISHA S	/	/	/	/	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
15	110119104015	AZEEM AHMED U	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	a	/
16	110119104016	BAZITH ALI N	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/
17	110119104017	ESAKKI RAJ M	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	a	/
18	110119104018	HABIB RAJA P A	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	110119104019	HARIHARAN K	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a
20	110119104020	HASHAAN ADEEN T K	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	a
21	110119104021	HISHAM ISMAIL V A	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	a	/
22	110119104023	JANANI C H	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a	/
23	110119104024	JANARTHANAN M	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
24	110119104025	JEEVITHA K	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	/	/	/	/
25	110119104026	JOTHIKA S	/	/	/	/	/	/	/	a	/	a	/	/	/	/	/	/	/	/	a	/
26	110119104027	MAHATH P T	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
27	110119104028	MANOJ KUMAR D	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/
28	110119104029	MD FAWWAZ T	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/



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29	110119104030	MEERABZAL HUSSAIN A	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/
30	110119104031	MOHAMED AADHIL SHATH	/	/	/	/	/	/	/	a	/	/	/	a	/	/	/	/	/	/
31	110119104032	MOHAMED ABRAR A	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a
32	110119104033	MOHAMED ARIFEEN S	/	/	/	/	g	/	/	/	/	/	/	a	/	/	/	/	/	/
33	110119104034	MOHAMED ARSATH A	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
34	110119104035	MOHAMED ASHIQ ALI S	/	/	/	/	/	/	/	a	/	a	/	/	/	/	/	/	/	/
35	110119104036	MOHAMED FARHAAN F	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	a	/
36	110119104037	MOHAMED IFTHIHAR SS	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/
37	110119104038	MOHAMED IRFAAN I	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	a	/	/
38	110119104039	MOHAMED KHAN A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/
39	110119104040	MOHAMED RAIYAN M	/	/	g	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
40	110119104041	MOHAMED RASITH K S	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a
41	110119104042	MOHAMED RAZVI	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
42	110119104043	MOHAMED RIYAS M T	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/
43	110119104044	MOHAMED SAFRITH S	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	/
44	110119104047	MOHAMMED BILAL H	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
45	110119104048	MOHAMMED HASHEEM N	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	a
46	110119104049	MOHAMMED IQRAM R S	/	/	/	/	/	/	/	/	/	/	/	a	/	/	a	/	/	/
47	110119104050	MOHAMMED ISMAIL L	/	/	/	/	/	/	/	/	/	/	/	/	a	/	a	/	/	/
48	110119104051	MOHAMMED SADATULLAH KHAN	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
49	110119104052	MOHAMMED YOUSUF AB	/	/	/	/	/	/	/	/	/	/	a	/	/	a	/	/	a	/
50	110119104053	MOHANRAJ R	/	/	/	/	a	/	/	/	/	/	/	/	g	/	/	/	/	/
51	110119104054	MOUIDEEN SAMEER M	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	a	/
52	110119104055	MUHAMMAD WAHEED UDDEEN K	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
53	110119104056	NAINA MOHAMMED A	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a
54	110119104057	NARASHIMMA K	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
55	110119104058	NAWAZ J	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	a
56	110119104059	NAZIM ALI M	/	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	/	/
57	110119104060	NIJAMUDEEN A	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
58	110119104061	NOOR MOHAMED M	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
59	110119104062	NOOR UL HUDAH C	/	/	/	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/
60	110119104063	PRIVADHARSHINI R	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
61	110119104064	PILWANULI AH S	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	a

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62	110119104066	SADIQ S K	/	/	/	/	/	/	/	/	a	/	/	a	/	/	/	/	/	/	/	a
63	110119104067	SAJITH AHMED R	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
64	110119104068	SANKARA PANDI A	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a
65	110119104069	SHABANA N	/	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/
66	110119104070	SHAFEEQ AHAMED S	a	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
67	110119104071	SHAHUL HAMEED NAYEEM	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	a
68	110119104072	SHEIK DAWOOD IBRAHIM	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	a
69	110119104073	SHEIKH MOHSIM KHAN	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	a
70	110119104074	SHEQ SHAMIR A	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
71	110119104075	SHYAM PRASAD N P	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
72	110119104076	SURESH V	/	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
73	110119104077	SYED ABDUL RAHMAN S	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a
74	110119104078	SYED AFZAL F	/	/	/	/	/	/	/	/	/	/	a	/	/	a	/	/	/	/	/	/
75	110119104079	SYED ASIF S	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
76	110119104080	SYED KARISHMA AFREEN	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a
77	110119104081	SYED RIYAZ T	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
78	110119104082	SYED UMAR S	/	/	a	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	a
79	110119104083	TAQEEULLAH S	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
80	110119104084	THAMEEM SHARIFF A	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a
81	110119104085	THANZEER RAHMAN R	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
82	110119104086	VIMAL V	/	/	/	/	a	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
83	110119104087	VISHAL SRIVASTVA	/	/	/	/	/	/	/	/	/	/	a	/	/	a	/	/	/	/	/	/
84	110119104301	MYDEEN M	a	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a
85	110119104701	MARYAM AYSHA S	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/




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 AVADI, IAF MILITARY QUARTERS
 CHENNAI - 600 056



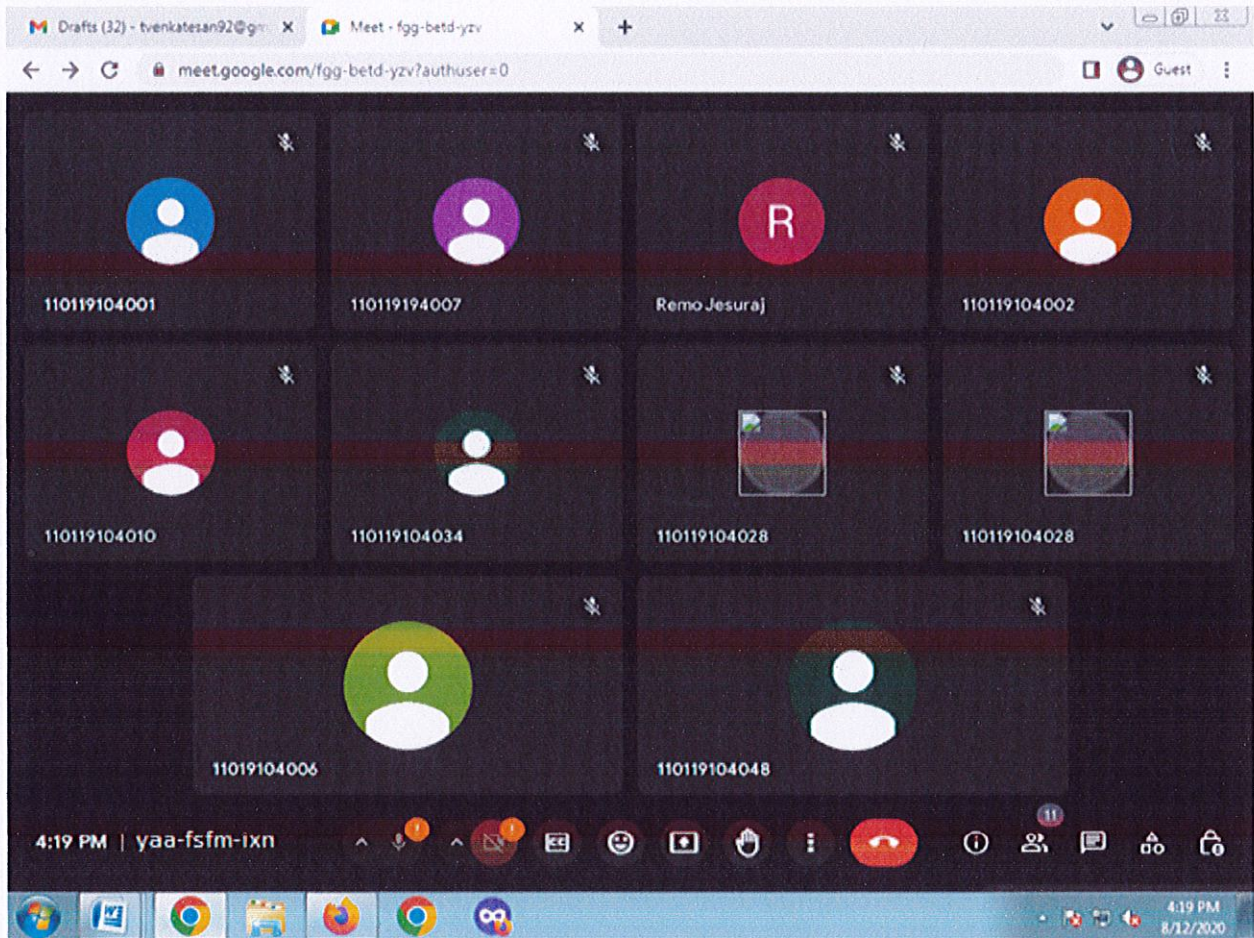
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AVADI – IAF, CHENNAI -55

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2020-2021

COURSE NAME: CYBER SECURITY



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CHASE TECHNOLOGIES

Chase Technologies

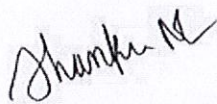
R&D-Manager

Certificate No. 2021001

Date: 05-09-2020

CERTIFICATE OF COMPLETION

This certificate is awarded to ABDULLAH T(Reg. No:110119104001) for completing the value-added Course **Cyber Security** Conducted from 12th August 2020 to 05th Sep 2020.



Manager-R&D Wing



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CHASE TECHNOLOGIES
www.chasetechnologies.org



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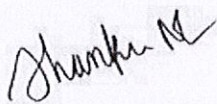
R&D-Manager

Certificate No. 2021002

Date: 05-09-2020

CERTIFICATE OF COMPLETION

This certificate is awarded to ABDULLAH SYED ISMAIL(Reg. No:110119104002) for completing the value-added Course **Cyber Security** Conducted from 12th August 2020 to 05th Sep 2020.



Manager-R&D Wing



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R&D-Manager

Certificate No. 2021003

Date: 05-09-2020

CERTIFICATE OF COMPLETION

This certificate is awarded to ABDUL MUIZZ A(Reg. No:110119104003) for completing the value-added Course **Cyber Security** Conducted from 12th August 2020 to 05th Sep 2020.



Manager-R&D Wing



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AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING



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R&D-Manager

Certificate No. 2021004

Date: 05-09-2020

CERTIFICATE OF COMPLETION

This certificate is awarded to ADNAN SHARIQ P(Reg. No:110119104004) for completing the value-added Course **Cyber Security** Conducted from 12th August 2020 to 05th Sep 2020.



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