

# **SYLLABUS/ CURRICULUM**



# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt., 630 561, Tamilnadu  
Mobile : 9842102628, 7373002628 Email: info@psyec.edu.in Website: www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2020 - 2021

### VACCSE2021FCS - FOUNDATIONS OF CYBER SECURITY: BASICS AND PRACTICAL APPLICATIONS

#### OBJECTIVE OF THE COURSE

- The course aims to equip students with the necessary knowledge and skills to identify, analyze, and mitigate security threats in various computing environments.
- Through theoretical knowledge and practical applications, students will gain a solid foundation in cyber security concepts, tools, and techniques, preparing them for further advanced studies or professional careers in the field of cyber security.

#### CHAPTER 1: INTRODUCTION TO CYBER SECURITY

Overview of cyber security concepts and terminology- Importance of cyber security in the modern digital landscape- Common cyber threats and attack vectors

#### CHAPTER 2: BASIC CONCEPTS OF INFORMATION SECURITY

Confidentiality, integrity, and availability (CIA) triad- Authentication, authorization, and accounting (AAA)- Principles of least privilege and defense in depth

#### CHAPTER 3: CRYPTOGRAPHY FUNDAMENTALS

Encryption techniques and algorithm - Symmetric vs. asymmetric encryption- Hashing and digital signatures

#### CHAPTER 4: NETWORK SECURITY

Secure network design principles - Firewalls, IDS/IPS, and network segmentation - Virtual private networks (VPNs) and secure tunneling protocols

#### CHAPTER 5: OPERATING SYSTEM SECURITY

Securing operating systems against common vulnerabilities- User authentication and access control mechanisms - Patch management and system hardening

#### CHAPTER 6: WEB SECURITY

Common web vulnerabilities (e.g., SQL injection, XSS, CSRF) - Web application firewalls (WAFs) and secure coding practices- HTTPS and SSL/TLS encryption

#### OUTCOMES

- Comprehend the basic concepts and terminology of cyber security, including threats, vulnerabilities, risk management, and cryptographic principles.
- Recognize various types of security threats and vulnerabilities in different computing environments and understand their potential impact on systems and data.

COURSE COORDINATOR

  
HOD/CSE  
PRINCIPAL



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2020 - 2021

### VACCSE2021FCS - FOUNDATIONS OF CYBER SECURITY: BASICS AND PRACTICAL APPLICATIONS

#### COURSE SCHEDULE

Date	Time	TOPICS
01.02.2021	9.00 am to 12.30 pm	Overview of cyber security concepts and terminology-Importance of cyber security in the modern digital landscape - Common cyber threats and attack vectors
	1.00 pm to 5.00 pm	
02.02.2021	9.00 am to 12.30 pm	Confidentiality, integrity, and availability (CIA) triad - Authentication, authorization, and accounting (AAA)- Principles of least privilege and defense in depth
	1.00 pm to 5.00 pm	
03.02.2021	9.00 am to 12.30 pm	Encryption techniques and algorithms - Symmetric vs. asymmetric encryption - Hashing and digital signatures representation learning
	1.00 pm to 5.00 pm	
04.02.2021	9.00 am to 12.30 pm	Secure network design principles - Firewalls, IDS/IPS, and network segmentation - Virtual private networks (VPNs) and secure tunneling protocols
	1.00 pm to 5.00 pm	
05.02.2021	9.00 am to 12.30 pm	Securing operating systems against common vulnerabilities - User authentication and access control mechanisms - Patch management and system hardening
	1.00 pm to 5.00 pm	
06.02.2021	9.00 am to 12.30 pm	Common web vulnerabilities (e.g., SQL injection, XSS, CSRF)- Web application firewalls (WAFs) and secure coding practices- HTTPS and SSL/TLS encryption
	1.00 pm to 5.00 pm	

Total Hours :35

Tea Break : 10:40 am to 10:55am & 02:45 pm to 15:00 pm

Lunch Break : 12:30pm to 01:00pm

COURSE COORDINATOR

HOD/CSE

PRINCIPAL

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# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2020– 2021

### One page Report

**Name of the course** : Foundations of Cyber Security: Basics and Practical Applications

**Development Course Code** :VACCSE2021FCS

**Course Coordinator** :MR. P. KARUPPANAN

**Date/Duration** : 01.02.21-06.02.21— 35 hours

I here affirm that the Final year students of strength 33 have been taught the value-added course title “**Foundations of Cyber Security: Basics and Practical Applications**” as per the syllabus and completed within the stipulated time duration.

I confirm that the value-added course titled “**Foundations of Cyber Security: Basics and Practical Applications**” has been conducted in the beginning of the semester and course delivery along with the attendance of the students was recorded.

I confirmed that all the students were actively participated in the course and the eligible students were certified for the course.

Mr. P. Karuppanan.,  
AP/CSE

Course Co-Ordinator

Dr.A.Askarunisa .,  
PROF/CSE

Head of the Department

Dr.R.Raja  
Principal  
PSYEC

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# ASSESSMENT PROCEDURE



# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2020 - 2021

### VACCSE2021FCS - FOUNDATIONS OF CYBER SECURITY: BASICS AND PRACTICAL APPLICATIONS

#### Assessment Questions with Answer

1. What is the primary goal of using artificial intelligence (AI) in research?
  - A) To replace human researchers with automated systems
  - B) To increase research productivity and efficiency**
  - C) To eliminate the need for experimentation and data collection
  - D) To decrease interdisciplinary collaboration
2. Which branch of AI focuses on developing algorithms that can learn from and make predictions or decisions based on data?
  - A) Natural Language Processing (NLP)
  - B) Computer Vision
  - C) Machine Learning**
  - D) Robotics
3. What is the main advantage of using deep learning techniques in research?
  - A) They require minimal computational resources
  - B) They can automatically extract meaningful features from raw data**
  - C) They are limited to specific domains and tasks
  - D) They have low accuracy compared to traditional methods
4. In which research domain can AI be applied for diagnosis, treatment optimization, and drug discovery?
  - A) Environmental research
  - B) Social sciences
  - C) Healthcare research**
  - D) Astronomy
5. What is one ethical consideration in AI research and experimentation?
  - A) Maximizing profits for corporations
  - B) Minimizing the transparency of AI systems
  - C) Ensuring fairness and avoiding bias in AI algorithms**
  - D) Ignoring the societal impact of AI technologies
6. Which term refers to the societal impact of AI on employment, privacy, and inequality?
  - A) Technological determinism'
  - B) Ethical relativism
  - C) Social constructivism
  - D) Sociotechnical implications**



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7. Which research field can benefit from AI techniques such as sentiment analysis, opinion mining, and social network analysis?

- A) Healthcare research
- B) Environmental research
- **C) Social sciences**
- D) Astronomy

8. What are some potential future directions in AI-driven research methodologies?

- A) Decreasing interdisciplinary collaborations
- B) Limiting applications to specific domains
- **C) Enhancing research reproducibility and transparency**
- D) Ignoring emerging trends and challenges

9. Which branch of AI focuses on enabling computers to understand, interpret, and generate human language?

- A) Machine Learning
- **B) Natural Language Processing (NLP)**
- C) Robotics
- D) Computer Vision

10. What is one potential application of AI in environmental research?

- A) Sentiment analysis
- B) Opinion mining
- **C) Climate modeling**
- D) Drug discovery

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# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2019-2020

### VACCSE2021FCS- FOUNDATIONS OF CYBER SECURITY: BASICS AND PRACTICAL APPLICATIONS

#### Assessment Test Paper

REGISTER NUMBER: 912017104021

NAME OF THE STUDENT: Nitheesh Kumar .K

10  
10

1. What is the primary goal of using artificial intelligence (AI) in research?
  - A) To replace human researchers with automated systems
  - B) To increase research productivity and efficiency
  - C) To eliminate the need for experimentation and data collection
  - D) To decrease interdisciplinary collaboration
2. Which branch of AI focuses on developing algorithms that can learn from and make predictions or decisions based on data?
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  - B) They can automatically extract meaningful features from raw data
  - C) They are limited to specific domains and tasks
  - D) They have low accuracy compared to traditional methods
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  - A) Environmental research
  - B) Social sciences
  - C) Healthcare research
  - D) Astronomy
5. What is one ethical consideration in AI research and experimentation?
  - A) Maximizing profits for corporations



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- B) Minimizing the transparency of AI systems
  - C) Ensuring fairness and avoiding bias in AI algorithms ✓
  - D) Ignoring the societal impact of AI technologies
6. Which term refers to the societal impact of AI on employment, privacy, and inequality?
- A) Technological determinism ✓
  - B) Ethical relativism
  - C) Social constructivism ✓
  - D) Sociotechnical implications
7. Which research field can benefit from AI techniques such as sentiment analysis, opinion mining, and social network analysis?
- A) Healthcare research ✓
  - B) Environmental research
  - C) Social sciences ✓
  - D) Astronomy
8. What are some potential future directions in AI-driven research methodologies?
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  - C) Enhancing research reproducibility and transparency ✓
  - D) Ignoring emerging trends and challenges
9. Which branch of AI focuses on enabling computers to understand, interpret, and generate human language?
- A) Machine Learning
  - B) Natural Language Processing (NLP) ✓
  - C) Robotics
  - D) Computer Vision
10. What is one potential application of AI in environmental research?
- A) Sentiment analysis
  - B) Opinion mining ✓
  - C) Climate modeling ✓
  - D) Drug discover

**PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOOR-630561**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**STUDENT PERFORMANCE SHEET**

**Academic Year** : 2020-2021  
**Course Code** : VACCSE2021FCS  
**Course Name** : Foundations of Cyber Security: Basics and Practical Applications  
**Duration of hours** : 35  
**Period of Course** : 01.02.21-06.02.21

<b>Sl.No</b>	<b>Register Number</b>	<b>Student Name</b>	<b>Mark</b>
1	912017104001	ABINAYA R.	99
2	912017104002	ARAVIND KUMAR K.	82
3	912017104003	AYYAPPA RAJA S.	93
4	912017104004	BALAJI S.	72
5	912017104005	CHARULEKHA A.	70
6	912017104007	DINESH S.	87
7	912017104008	KAMALAKANNAN M.	84
8	912017104011	LINGESHWARAN M.	71
9	912017104012	MAHESWARI S.	93
10	912017104013	MAHESWARI S.	82
11	912017104014	MALATHI M.	88
12	912017104017	MATHAN KUMAR T.	75
13	912017104018	MUGESHKANNAN M.	99
14	912017104019	NAGARAJAN C.	84
15	912017104021	NITHEES KUMAR.K	100
16	912017104022	PAVITHRA T.	93
17	912017104023	PRAVEEN P.	78
18	912017104024	RAGUL M.	69
19	912017104025	RASIKA.K	70
20	912017104026	RAMALAKSHMI G.	87
21	912017104027	RAMYA R.	84
22	912017104028	SAKTHI K.	91
23	912017104030	SANTHIYA S	90
24	912017104031	SARANYA M.	98

25	912017104032	SARATHAPRIYA G.	77
26	912017104033	SURYADHARSHINI G.	71
27	912017104034	SWETHA.S	81
28	912017104035	VALLARASU K.	89
29	912017104036	VEERAKUMAR A.	78
30	912017104037	VETRI SHANMUGI G.	71
31	912017104038	VIJAY S.	89
32	912017104039	VIJAYATHARSHINI T.	90
33	912017104040	YAZHINI J.K	94

COURSE COORDINATOR

HOD/CSE

PRINCIPAL

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Date: 2024.06.27

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Enrollment  
Student Name  
List

**STUDENT REGISTRATION SHEET**

**Academic Year** : 2020-2021  
**Course Code** : VACCSE2021FCS  
**Course Name** : Foundations of Cyber Security: Basics and Practical Applications  
**Duration of hours** : 35  
**Period of Course** : 01.02.21-06.02.21

ENROLLED STUDENTS LIST			<b>Signature</b>
<b>SI.NO</b>	<b>Register Number</b>	<b>Student Name</b>	
1	912017104001	ABINAYA R.	Rabinaya
2	912017104002	ARAVIND KUMAR K.	Ara
3	912017104003	AYYAPPA RAJA S.	Ayye
4	912017104004	BALAJI S.	Balaji
5	912017104005	CHARULEKHA A.	Charulekha
6	912017104007	DINESH S.	Dinesh S
7	912017104008	KAMALAKANNAN M.	Kamala
8	912017104011	LINGESHWARAN M.	Lingeswaran
9	912017104012	MAHESWARI S.	Maheshwari S
10	912017104013	MAHESWARI S.	Maheshwari
11	912017104014	MALATHI M.	Malathi
12	912017104017	MATHAN KUMAR T.	Math
13	912017104018	MUGESHKANNAN M.	Mugesh Kannan
14	912017104019	NAGARAJAN C.	Nagarajan C.
15	912017104021	NITHEES KUMAR.K	Nithees
16	912017104022	PAVITHRA T.	Pavithra

17	912017104023	PRAVEEN P.	<i>Pra</i>
18	912017104024	RAGUL M.	<i>Rag</i>
19	912017104025	RASIIKA.K	<i>Raksh</i>
20	912017104026	RAMALAKSHMI G.	<i>Ramalakshmi</i>
21	912017104027	RAMYA R.	<i>R.Ramya</i>
22	912017104028	SAKTHI K.	<i>Seky</i>
23	912017104030	SANTHIYA S	<i>Santhya.S</i>
24	912017104031	SARANYA M.	<i>Saranya.M</i>
25	912017104032	SARATHAPRIYA G.	<i>Sarathapriya</i>
26	912017104033	SURYADHARSHINI G.	<i>Suryadharshini</i>
27	912017104034	SWETHA.S	<i>S.Swetha</i>
28	912017104035	VALLARASU K.	<i>Nallarasu</i>
29	912017104036	VEERAKUMAR A.	<i>Veerakumar</i>
30	912017104037	VETRI SHANMUGI G.	<i>Vetri.G</i>
31	912017104038	VIJAY S.	<i>Vijay</i>
32	912017104039	VIJAYATHARSHINI T.	<i>Vijayatharshini</i>
33	912017104040	YAZHINI J.K	<i>Yazhin.J.K</i>

*P.Kum*  
COURSE COORDINATOR

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HOD/CSE

*R RAJA*  
PRINCIPAL

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# STUDENTS ATTENDANCE

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**STUDENT ATTENDANCE SHEET**

Academic Year : 2020-2021

Course Code : VACCSE2021FCS

Course Name : Foundations of Cyber Security: Basics and Practical Applications

Duration of hours : 35

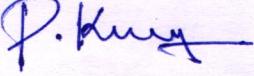
Period of Course : 01.02.21-06.02.21

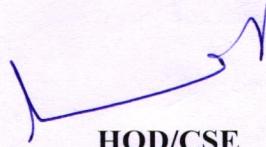
Attendance Sheet			Date: 01/02/2021					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	R.Ar	D.Ar	R.Ar	D.Ar	R.Ar	R.Ar
2	912017104002	ARAVIND KUMAR K.	Ara	Ara	Ara	Ara	Ara	Ara
3	912017104003	AYYAPPA RAJA S.	Ayya	Ayya	Ayya	Ayya	Ayya	Ayya
4	912017104004	BALAJI S.	Balj.	Balj.	Balj.	Balj.	Balj.	Balj.
5	912017104005	CHARULEKHA A.	char	char	char	char	char	char
6	912017104007	DINESH S.	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
7	912017104008	KAMALAKANNAN M.	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal
8	912017104011	LINGESHWARAN M.	Lf	Lf	Lf	Lf	Lf	Lf
9	912017104012	MAHESWARI S.	MaS	MaS	MaS	MaS	MaS	MaS
10	912017104013	MAHESWARI S.	MaS	MaS	MaS	MaS	MaS	MaS
11	912017104014	MALATHI M.	Mal	Mal	Mal	Mal	Mal	Mal
12	912017104017	MATHAN KUMAR T.	math	math	math	math	math	math
13	912017104018	MUGESHKANNAN M.	Mug	Mug	Mug	Mug	Mug	Mug
14	912017104019	NAGARAJAN C.	Nagar	Nagar	Nagar	Nagar	Nagar	Nagar
15	912017104021	NITHEES KUMAR.K	Nith	Nith	Nith	Nith	Nith	Nith

16	912017104022	PAVITHRA T.	Pavithra								
17	912017104023	PRAVEEN P.	Praveen								
18	912017104024	RAGUL M.	Ragul								
19	912017104025	RASIIKA.K	Rasika								
20	912017104026	RAMALAKSHMI G.	Ramalakshmi								
21	912017104027	RAMYA R.	Ramya								
22	912017104028	SAKTHI K.	Sakthi								
23	912017104030	SANTHIYA S	Santhiya								
24	912017104031	SARANYA M.	Saranya								
25	912017104032	SARATHAPRIYA G.	Sarathapriya								
26	912017104033	SURYADHARSHINI G.	Suryadharshini								
27	912017104034	SWETHA.S	Swetha								
28	912017104035	VALLARASU K.	Vallarasu								
29	912017104036	VEERAKUMAR A.	Veerakumar								
30	912017104037	VETRI SHANMUGI G.	Vetri Shanmugi								
31	912017104038	VIJAY S.	Vijay								
32	912017104039	VIJAYATHARSHINI T.	Vijayatharshini								
33	912017104040	YAZHINI J.K	Yazhini								

Tea Break : FN- 11:00 am to 11:15am  
 AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

  
 COURSE COORDINATOR

  
 HOD/CSE

  
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**STUDENT ATTENDANCE SHEET**

**Academic Year** : 2020-2021

**Course Code** : VACCSE2021FCS

**Course Name** : Foundations of Cyber Security: Basics and Practical Applications

**Duration of hours** : 35

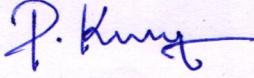
**Period of Course** : 01.02.21-06.02.21

Attendance Sheet			Date: 02/02/2021					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	R.K R.K R.K	R.K R.K R.K	R.K R.K R.K	R.K R.K R.K	R.K R.K R.K	R.K R.K R.K
2	912017104002	ARAVIND KUMAR K.	Aru Aru Aru	Aru Aru Aru	Aru Aru Aru	Aru Aru Aru	Aru Aru Aru	Aru Aru Aru
3	912017104003	AYYAPPA RAJA S.	Ayy Ayy Ayy	Ayy Ayy Ayy	Ayy Ayy Ayy	Ayy Ayy Ayy	Ayy Ayy Ayy	Ayy Ayy Ayy
4	912017104004	BALAJI S.	Sealy Sealy Sealy	Sealy Sealy Sealy	Sealy Sealy Sealy	Sealy Sealy Sealy	Sealy Sealy Sealy	Sealy Sealy Sealy
5	912017104005	CHARULEKHA A.	Ch Ch Ch	Ch Ch Ch	Ch Ch Ch	Ch Ch Ch	Ch Ch Ch	Ch Ch Ch
6	912017104007	DINESH S.	Dinesh Dinesh Dinesh	Dinesh Dinesh Dinesh	Dinesh Dinesh Dinesh	Dinesh Dinesh Dinesh	Dinesh Dinesh Dinesh	Dinesh Dinesh Dinesh
7	912017104008	KAMALAKANNAN M.	Kum Kum Kum	Kum Kum Kum	Kum Kum Kum	Kum Kum Kum	Kum Kum Kum	Kum Kum Kum
8	912017104011	LINGESHWARAN M.	Ling Ling Ling	Ling Ling Ling	Ling Ling Ling	Ling Ling Ling	Ling Ling Ling	Ling Ling Ling
9	912017104012	MAHESWARI S.	Ms Ms Ms	Ms Ms Ms	Ms Ms Ms	Ms Ms Ms	Ms Ms Ms	Ms Ms Ms
10	912017104013	MAHESWARI S.	Maha Maha Maha	Maha Maha Maha	Maha Maha Maha	Maha Maha Maha	Maha Maha Maha	Maha Maha Maha
11	912017104014	MALATHI M.	Mal Mal Mal	Mal Mal Mal	Mal Mal Mal	Mal Mal Mal	Mal Mal Mal	Mal Mal Mal
12	912017104017	MATHAN KUMAR T.	MKT MKT MKT	MKT MKT MKT	MKT MKT MKT	MKT MKT MKT	MKT MKT MKT	MKT MKT MKT
13	912017104018	MUGESHKANNAN M.	Mugesh Mugesh Mugesh	Mugesh Mugesh Mugesh	Mugesh Mugesh Mugesh	Mugesh Mugesh Mugesh	Mugesh Mugesh Mugesh	Mugesh Mugesh Mugesh
14	912017104019	NAGARAJAN C.	Nagar Nagar Nagar	Nagar Nagar Nagar	Nagar Nagar Nagar	Nagar Nagar Nagar	Nagar Nagar Nagar	Nagar Nagar Nagar
15	912017104021	NITHEES KUMAR.K	Nith Nith Nith	Nith Nith Nith	Nith Nith Nith	Nith Nith Nith	Nith Nith Nith	Nith Nith Nith

16	912017104022	PAVITHRA T.	Pavithra						
17	912017104023	PRAVEEN P:	Praveen						
18	912017104024	RAGUL M.	Ragul M						
19	912017104025	RASIKA.K	Rasika						
20	912017104026	RAMALAKSHMI G.	Ramalakshmi						
21	912017104027	RAMYA R.	Ramya						
22	912017104028	SAKTHI K.	Sakthi						
23	912017104030	SANTHIYA S	Santhi	Santhi	Sant	Sant	Sant	Sant	Sath
24	912017104031	SARANYA M.	Saranya						
25	912017104032	SARATHAPRIYA G.	SP.G						
26	912017104033	SURYADHARSHINI G.	Suryan	Surya	Surya	Surya	Surya	Surya	Surya
27	912017104034	SWETHA.S	S	S	S	S	S	S	S
28	912017104035	VALLARASU K.	Vallu						
29	912017104036	VEERAKUMAR A.	Veera						
30	912017104037	VETRI SHANMUGI G.	vetri						
31	912017104038	VIJAY S.	vijay						
32	912017104039	VIJAYATHARSHINI T.	vij						
33	912017104040	YAZHINI J.K	Yashini						

Tea Break : FN- 11:00 am to 11:15am  
AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

  
COURSE COORDINATOR

  
HOD/CSE

  
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**STUDENT ATTENDANCE SHEET**

**Academic Year** : 2020-2021

**Course Code** : VACCSE2021FCS

**Course Name** : Foundations of Cyber Security: Basics and Practical Applications

**Duration of hours** : 35

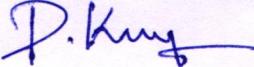
**Period of Course** : 01.02.21-06.02.21

Attendance Sheet			Date: 03/02/2021					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	R.Th R.Th R.Th R.Th R.Th R.Th					
2	912017104002	ARAVIND KUMAR K.	Are Are Are Are Are Are					
3	912017104003	AYYAPPA RAJA S.	AyR AyR AyR AyR AyR AyR					
4	912017104004	BALAJI S.	SaiS SaiS SaiS SaiS SaiS SaiS					
5	912017104005	CHARULEKHA A.	Chf Chf Chf Chf Chf Chf					
6	912017104007	DINESH S.	Dinks Dinks Dinks Dinks Dinks Dinks					
7	912017104008	KAMALAKANNAN M.	Kunf Kunf Kunf Kunf Kunf Kunf					
8	912017104011	LINGESHWARAN M.	Lf Lf Lf Lf Lf Lf					
9	912017104012	MAHESWARI S.	MS MS MS MS MS MS					
10	912017104013	MAHESWARI S.	M.S M.S M.S M.S M.S M.S					
11	912017104014	MALATHI M.	MS MS MS MS MS MS					
12	912017104017	MATHAN KUMAR T.	Mat Mat Mat Mat Mat Mat					
13	912017104018	MUGESHKANNAN M.	Qf Qf Qf Qf Qf Qf					
14	912017104019	NAGARAJAN C.	Var Var Var Var Var Var					
15	912017104021	NITHEES KUMAR.K	Nith Nith Nith Nith Nith Nith					

16	912017104022	PAVITHRA T.	Pavithra						
17	912017104023	PRAVEEN P.	Praveen						
18	912017104024	RAGUL M.	Ragul						
19	912017104025	RASIKAA.K	Rasika						
20	912017104026	RAMALAKSHMI G.	Ramalakshmi						
21	912017104027	RAMYA R.	Ramya						
22	912017104028	SAKTHI K.	Sakthi						
23	912017104030	SANTHIYA S	Santhiya						
24	912017104031	SARANYA M.	Saranya						
25	912017104032	SARATHAPRIYA G.	Sarathapriya						
26	912017104033	SURYADHARSHINI G.	Suryadharshini						
27	912017104034	SWETHA.S	Swetha						
28	912017104035	VALLARASU.K.	Vallarasu						
29	912017104036	VEERAKUMAR A.	Veerakumar						
30	912017104037	VETRI SHANMUGI G.	Vetri Shanmugi						
31	912017104038	VIJAY S.	Vijay S						
32	912017104039	VIJAYATHARSHINI T.	Vijayatharshini						
33	912017104040	YAZHINI J.K	Yazhini						

Tea Break : FN- 11:00 am to 11:15am  
AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

  
COURSE COORDINATOR

  
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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**STUDENT ATTENDANCE SHEET**

**Academic Year** : 2020-2021  
**Course Code** : VAC  
**Course Name** : Foundations of Cyber Security: Basics and Practical Applications  
**Duration of hours** : 35  
**Period of Course** : 01.02.21-06.02.21

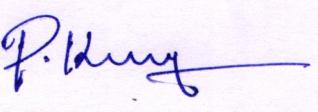
Attendance Sheet			Date: 04/02/2021						
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm	
1	912017104001	ABINAYA R.	R.Ah	R.Ah	R.Ah	R.Ah	R.Ah	R.Ah	
2	912017104002	ARAVIND KUMAR K.	Ara	Ara	Ara	Ara	Ara	Ara	
3	912017104003	AYYAPPA RAJA S.	Ayga	Ayga	Ayga	Ayga	Ayga	Ayga	
4	912017104004	BALAJI S.	Seddy	Seddy	Seddy	Seddy	Seddy	Seddy	
5	912017104005	CHARULEKHA A.	clif	clif	clif	clif	clif	clif	
6	912017104007	DINESH S.	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	
7	912017104008	KAMALAKANNAN M.	kam	kam	kam	kam	kam	kam	
8	912017104011	LINGESHWARAN M.	Lg	Lg	Lg	Lg	Lg	Lg	
9	912017104012	MAHESWARI S.	MS	MS	MS	MS	MS	MS	
10	912017104013	MAHESWARI S.	Mah	Mah	Mah	Mah	Mah	Mah	
11	912017104014	MALATHI M.	Ma	Ma	Ma	Ma	Ma	Ma	
12	912017104017	MATHAN KUMAR T.	Mat	Mat	Mat	Mat	Mat	Mat	
13	912017104018	MUGESHKANNAN M.	Mug	Mug	Mug	Mug	Mug	Mug	
14	912017104019	NAGARAJAN C.	na	na	na	na	na	na	
15	912017104021	NITHEES KUMAR.K	Nith	Nith	Nith	Nith	Nith	Nith	

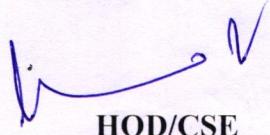
16	912017104022	PAVITHRA T.	Pavithra						
17	912017104023	PRAVEEN P.	Praveen						
18	912017104024	RAGUL M.	Ragul						
19	912017104025	RASIKA.K	Rasika						
20	912017104026	RAMALAKSHMI G.	RAMALAKSHMI						
21	912017104027	RAMYA R.	RAMYA						
22	912017104028	SAKTHI K.	Sakthi						
23	912017104030	SANTHIYA S	Santhiya						
24	912017104031	SARANYA M.	Saranya						
25	912017104032	SARATHAPRIYA G.	Priya						
26	912017104033	SURYADHARSHINI G.	Surya						
27	912017104034	SWETHA.S	Swetha						
28	912017104035	VALLARASU K.	Vallarasu						
29	912017104036	VEERAKUMAR A.	Veerakumar						
30	912017104037	VETRI SHANMUGI G.	Vetri						
31	912017104038	VIJAY S.	Vijay						
32	912017104039	VIJAYATHARSHINI T.	Vijaya						
33	912017104040	YAZHINI J.K	Yazhini						

Tea Break : FN- 11:00 am to 11:15am

AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

  
COURSE COORDINATOR

  
HOD/CSE

  
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**STUDENT ATTENDANCE SHEET**

**Academic Year** : 2020-2021

**Course Code** : VACCSE2021FCS

**Course Name** : Foundations of Cyber Security: Basics and Practical Applications

**Duration of hours** : 35

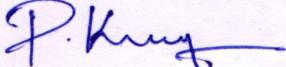
**Period of Course** : 01.02.21-06.02.21

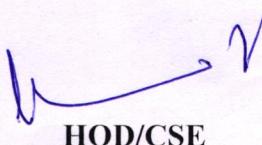
Attendance Sheet			Date: 05/02/2021						
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm	
1	912017104001	ABINAYA R.	R.Ah R.Ah R.Ah R.Ah R.Ah R.Ah						
2	912017104002	ARAVIND KUMAR K.	Aar Aar Aar Aar Aar Aar						
3	912017104003	AYYAPPA RAJA S.	Aayg Aayg Aayg Aayg Aayg Aayg						
4	912017104004	BALAJI S.	Sevi Sevi Sevi Sevi Sevi						
5	912017104005	CHARULEKHA A.	Clekh Clekh Clekh Clekh Clekh						
6	912017104007	DINESH S.	Dinhs Dinhs Dinhs						
7	912017104008	KAMALAKANNAN M.	Kunf Kunf Kunf						
8	912017104011	LINGESHWARAN M.	(L) (L) (L)						
9	912017104012	MAHESWARI S.	MS MS MS						
10	912017104013	MAHESWARI S.	makehi makehi makehi						
11	912017104014	MALATHI M.	Mal Mal Mal						
12	912017104017	MATHAN KUMAR T.	Patnot Patnot	Patnot Patnot	Kumar Kumar	Kumar Kumar	Kumar Kumar	Kumar Kumar	
13	912017104018	MUGESHKANNAN M.	Kumar Kumar	Kumar Kumar	Kannan Kannan	Kannan Kannan	Kannan Kannan	Kannan Kannan	
14	912017104019	NAGARAJAN C.	(nagar)	(nagar)	(nagar)	(nagar)	(nagar)	(nagar)	
15	912017104021	NITHEES KUMAR.K	Nith Nith						

16	912017104022	PAVITHRA T.		✓	✓	✓	✓	✓	✓	✓
17	912017104023	PRAVEEN P.		✓	✓	✓	✓	✓	✓	✓
18	912017104024	RAGUL M.		Ragul						
19	912017104025	RASIKA.K		Rasika						
20	912017104026	RAMALAKSHMI G.		✓	✓	✓	✓	✓	✓	✓
21	912017104027	RAMYA R.		Ramy						
22	912017104028	SAKTHI K.		✓	✓	✓	✓	✓	✓	✓
23	912017104030	SANTHIYA S		Santhi						
24	912017104031	SARANYA M.		Saranya						
25	912017104032	SARATHAPRIYA G.		Priya						
26	912017104033	SURYADHARSHINI G.		Surya						
27	912017104034	SWETHA.S		✓	✓	✓	✓	✓	✓	✓
28	912017104035	VALLARASU K.		K.Raja	R.Raja	K.Raja	K.Raja	K.Raja	K.Raja	K.Raja
29	912017104036	VEERAKUMAR A.		Veerakumar						
30	912017104037	VETRI SHANMUGI G.		Vetri						
31	912017104038	VIJAY S.		Vijay						
32	912017104039	VIJAYATHARSHINI T.		Vijayana						
33	912017104040	YAZHINI J.K		Yay						

Tea Break : FN- 11:00 am to 11:15am  
AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

  
COURSE COORDINATOR

  
HOD/CSE

  
PRINCIPAL

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**STUDENT ATTENDANCE SHEET**

**Academic Year** : 2020-2021

**Course Code** : VACCSE2021FCS

**Course Name** : Foundations of Cyber Security: Basics and Practical Applications

**Duration of hours** : 35

**Period of Course** : 01.02.21-06.02.21

Attendance Sheet			Date: 06/02/2021					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	R.Ah	R.Ah	R.Ah	R.Ah	R.Ah	R.Ah
2	912017104002	ARAVIND KUMAR K.	Aru	Aru	Aru	Aru	Aru	Aru
3	912017104003	AYYAPPA RAJA S.	Ayga	Ayga	Ayga	Ayga	Ayga	Ayga
4	912017104004	BALAJI S.	Sedj	Sedj	Sedj	Sedj	Sedj	Sedj
5	912017104005	CHARULEKHA A.	clerkha	clerkha	clerkha	clerkha	clerkha	clerkha
6	912017104007	DINESH S.	Dinhs	Dinhs	Dinhs	Dinhs	Dinhs	Dinhs
7	912017104008	KAMALAKANNAN M.	lakky	lakky	lakky	lakky	lakky	lakky
8	912017104011	LINGESHWARAN M.	(Lw)	(Lw)	(Lw)	(Lw)	(Lw)	(Lw)
9	912017104012	MAHESWARI S.	Mes	Mes	Mes	Mes	Mes	Mes
10	912017104013	MAHESWARI S.	makshwari	makshwari	makshwari	makshwari	makshwari	makshwari
11	912017104014	MALATHI M.	Mal	Mal	Mal	Mal	Mal	Mal
12	912017104017	MATHAN KUMAR T.	mathan	mathan	mathan	mathan	mathan	mathan
13	912017104018	MUGESHKANNAN M.	Kannan	Kannan	Kannan	Kannan	Kannan	Kannan
14	912017104019	NAGARAJAN C.	nagaraj	nagaraj	nagaraj	nagaraj	nagaraj	nagaraj
15	912017104021	NITHEES KUMAR.K	Nity	Nity	Nity	Nity	Nity	Nity

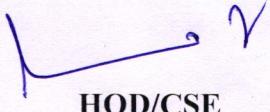
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17	912017104023	PRAVEEN P.	Praveen						
18	912017104024	RAGUL M.	Ragul						
19	912017104025	RASIKA.K	Rasika						
20	912017104026	RAMALAKSHMI G.	Ramalakshmi						
21	912017104027	RAMYA R.	Ramya						
22	912017104028	SAKTHI K.	Sakthi						
23	912017104030	SANTHIYA S	Santhiya						
24	912017104031	SARANYA M.	Saranya						
25	912017104032	SARATHAPRIYA G.	Sarathapriya						
26	912017104033	SURYADHARSHINI G.	Suryadharshini						
27	912017104034	SWETHA.S	Swetha						
28	912017104035	VALLARASU K.	Vallarasu						
29	912017104036	VEERAKUMAR A.	Veerakumar						
30	912017104037	VETRI SHANMUGI G.	Vetri						
31	912017104038	VIJAY S.	Vijay						
32	912017104039	VIJAYATHARSHINI T.	Vijayatha						
33	912017104040	YAZHINI J.K	Yazhini						

Tea Break : FN- 11:00 am to 11:15am

AN-03:00 pm to 03:15 pm

Lunch Break : 12:15 pm to 01:00pm

  
COURSE COORDINATOR

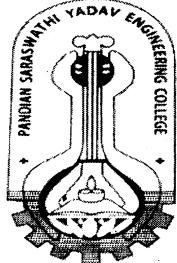
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HOD/CSE

  
PRINCIPAL

R RAJA

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RAJA  
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# MODEL CERTIFICATES



# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu -630 561

Value added course on  
**FOUNDATIONS OF CYBER SECURITY: BASICS AND  
PRACTICAL APPLICATIONS**

Organized by

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

# CERTIFICATE

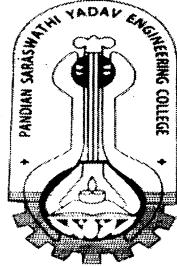
This is to Certify that Mr/Ms... NAGARAJAN.C ..... From Iy./VII. SEM ....  
has actively participated in the value-added course on **Foundations of Cyber Security:  
Basics And Practical Applications** organized by the Department of Computer Science and  
Engineering From 01.02.2020 – 06.02.2020 (35 Hours) at Pandian Saraswathi Yadav  
Engineering College, Sivagangai.

Dr.A.Askarunisa.,  
HOD/CSE

R RAJA

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by R RAJA  
Date: 2024.06.27  
16:27:57 +05'30'

Dr.R.Raja  
Principal



# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu -630 561

Value added course on  
**FOUNDATIONS OF CYBER SECURITY: BASICS AND  
PRACTICAL APPLICATIONS**

Organized by

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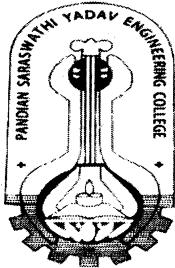
# CERTIFICATE

This is to Certify that Mr/Ms.... NITHES.KUMAR..T......From 1y.vi.2020....  
has actively participated in the value-added course on **Foundations of Cyber Security:  
Basics And Practical Applications** organized by the Department of Computer Science and  
Engineering From 01.02.2020 – 06.02.2020 (35 Hours) at Pandian Saraswathi Yadav  
Engineering College, Sivagangai.

  
**Dr.A.Askarunisa.,**  
**HOD/CSE**

  
**R RAJA**  
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by R RAJA  
Date: 2024.06.27  
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**Dr.R.Raja**  
**Principal**



# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu -630 561

Value added course on  
**FOUNDATIONS OF CYBER SECURITY: BASICS AND  
PRACTICAL APPLICATIONS**

Organized by

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

# CERTIFICATE

This is to Certify that Mr/Ms....V.E.TRI...SHANMUGI..G.....From Lv./yr. SEM...  
has actively participated in the value-added course on **Foundations of Cyber Security:  
Basics And Practical Applications** organized by the Department of Computer Science and  
Engineering From 01.02.2020 – 06.02.2020 (35 Hours) at Pandian Saraswathi Yadav  
Engineering College, Sivagangai.

Dr.A.Askarunisa.,  
HOD/CSE

R RAJA

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by R RAJA  
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Dr.R.Raja  
Principal