



ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

1.2.3. Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year:

The no of students are participated in the certificate courses of all departments and a sample documents are given below

| |
|---------|
| 2020-21 |
| 1442 |

| S.No | Description | Page No |
|------|----------------------|---------|
| 1 | Supporting documents | 1 |

PRINCIPAL
PRINCIPAL

Aditya College of Engineering
SURAMPALAM - 533 437

CERTIFICATION COURSE
CYBER SECURITY 2020-21
(SEM-I)



ADITYA COLLEGE OF ENGINEERING

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Certification Course

Certificate/Add-on courses are being conducted every year in the Department of Electrical & Electronics Engineering to fill the gap in the curriculum. Eminent people from academics and industry will be invited to frame the curriculum include the syllabus, contact hours etc. The following documents are maintained for each Certificate Course.

| S.No | Documents |
|------|--|
| 1 | Submission of Feedback Report from Coordinator to HOD |
| 2 | Submission of Feedback analysis report from HOD to Principal through IQAC |
| 3 | Request letter seeking permission to conduct a certification course(s) based of feedback from Coordinator-IQAC to Principal so as forward the same to the governing body for necessary approval and acquiring the approval from Vice Chairman with required budget if any. |
| 4 | Principal forming Expert Committee. |
| 5 | Invitation from Principal to Expert |
| 6 | Mail conversation between Expert and Principal if any |
| 7 | Convening a meeting of members of Expert Committee and finalizing curriculum for Certificate Course. |
| 8 | Plan a Certificate Course and informing principal to accord permission to conduct. |
| 9 | Resource person request & Acceptance |
| 10 | Preparing Brochure and Scheduling the event |
| 11 | Circular to the students and asking them to register |
| 12 | Conduct the certificate course for the registered participants and noting the attendance. |
| 13 | Collect Feedback from participants |
| 14 | Question paper with answers |
| 15 | Response sheet form sample |
| 16 | Thanks letter to guest |
| 17 | Certificate |

K M K R M

HOD EEE
Head of the Department
Electrical & Electronics Engineering
Aditya College of Engineering
SURAMPALAM-533 437



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Standard Operating Procedure (SOP)

1. Feedback Coordinator takes the Feedback from Stakeholders and prepares "Feedback Analysis Report" which is submitted to Head of the Department.
2. Head of the Department writes a letter to Principal and IQAC Coordinator regarding Feedback Analysis Report which is given by Feedback Coordinator.
3. Coordinator-IQAC writes a letter to Principal regarding Certificate course to be conducted based on Analysis Report.
4. The Principal asks permission to conduct certificate course in BOG meeting. Then the Vice-Chairman Sir writes a letter to Principal regarding the approval of certificate course.
5. The Principal constitutes a committee and invites experts for framing the curriculum. The committee decides Syllabus, brochure, Contact hours and Expected outcomes to the certificate courses.
6. The resource persons are invited for the smooth conduction of the certificate course. Then the brochure or notice is circulated to the students to participate in the certificate course.
7. The certificate course is started with the schedule.
8. At the end of the course, the test is conducted for the participants in the certificate course and the result is also announced.
9. Finally the certificates are distributed for the participants and the resource persons are honored.
10. Course is offered only if minimum 25 no. of students come forward for registration.

K R K R M

HOD EEE

Head of the Department
Electrical & Electronics Engineering
Aditya College of Engineering
SURAMPALAM-533 437

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Ph: (0884) 2326224, 99631 76662, Email: office@acoe.edu.in, Website: www.acoe.edu.in

Ref. No: ACOE/CC/06/2020-21

Date: 07.12.2020

From
The Principal,
Aditya College of Engineering,
Surampalem.

To
Babji Neelam,
CEO, T-HUB,
Surampalem.

Dear Sir,

Sub: Allotment of Resource Persons for conducting One Week certification course on "CYBER SECURITY" through Online-Reg.

The Department of Electrical and Electronics Engineering of our college is planning to conduct certificate course on "CYBER SECURITY" from **21.12.2020 to 12.01.2021**. In this regard, I request you to depute Resource Persons from your Team to conduct the course.

Yours faithfully

PRINCIPAL

Aditya College of Engineering
SURAMPALEM - 533 437





TECHNICAL HUB

Surampalem.

11.12.2020

To
The Principal,
Aditya College of Engineering,
Surampalem.

Sir,

Sub: Certification Course on "CYBER SECURITY" to your students regarding your letter dated on 07.12.2020 has Accepted-Reg.

I am happy to inform you that Mr. **R.S.D.V.PRASAD**, Certified Trainer for CYBER SECURITY will be appointed for assessing and conducting the Certification Courses program.

Thanking you Sir,

Yours sincerely

CEO-THUB



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

Date: 14.12.2020

All the students are hereby informed that a new course titled, "CYBER SECURITY" will be organized at free of cost. Contact Online classes are scheduled from 21st Dec. 2020 to 12th Jan. 2021 and interested students are required to register through Online form on or before 19.12.2020 before 6pm and link is provided below .

https://docs.google.com/forms/d/e/1FAIpQLScFYA0eTD4SU2_QkOpLz4Om5uzzU2lwlrVw-2uzofA7Lq-OJA/viewform?usp=sf_link

Course Conducted for 18days and Daily 2hours for a total of 36hours

Online Classes Timings : 4pm to 6pm

Complete details and course structure will be displayed in Broucher and which will be Circulated through College Mail.

Kmk Reddy

Head of the Department

Head of the Department
Electrical & Electronics Engineering
Aditya College of Engineering
SURAMPALAM-533 437

One Week Online Certification course on

CYBER SECURITY

21st Dec. 2020 to 12th Jan. 2021



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Department of Electrical & Electronics Engineering



ABOUT THIS COURSE

The objective of this course is to facilitate students by presenting current issues and challenges in various aspects of CYBER SECURITY for Practices designed to protect network. This Course focuses on the security risks and vulnerabilities in a network can be recognized with the help of CYBER SECURITY.

About ADITYA COLLEGE OF ENGINEERING

Aditya College of Engineering (ACOE) was established in the year 2008. It is a top ranked institution in engineering education in terms of academics & placements. The college offers UG programs in EEE, ECE, ME, CSE, CIVIL & PT and PG programs in MBA & M.Tech (PE, PID, VLSID, ES, and CSE). ACOE is

Course Objectives

- To enhance the learner's to spot Cyber Security vulnerability skills.
- To help the learner get rid of data from attack, damage and unauthorized access using Cyber Security.
- Enabling the learner to achieve adequate Cyber Security Skills

Who Should Attend: II,III B.Tech Students of ACOE.

Fees and Duration: Free of Cost &

Six Days (36 hours) i.e 18daysX 2 hours =36hours

Timings : Daily Evening 4pm to 6pm (Sundays and Festivals holiday)

Registration form :

Venue: Online- Microsoft Teams-Online Class link

<https://teams.microsoft.com/l/meetup-join/19%3a532b71c85a544222b92784362f7b7f47%40thread.tacv2/1597932909611?context=%7b%22Tid%22%3a%227359f896-71e2-4dae-b8a3-15cdf97f2f10%22%2c%22Oid%22%3a%22bdbd1d6f-b7e1-4b5d-9664-e21fe234dc97%22%7d>

For More Details Contact:

Mr. M.Ravindra,

Asst. Professor, EEE Dept.

ACOE. Surampalem

Convener:

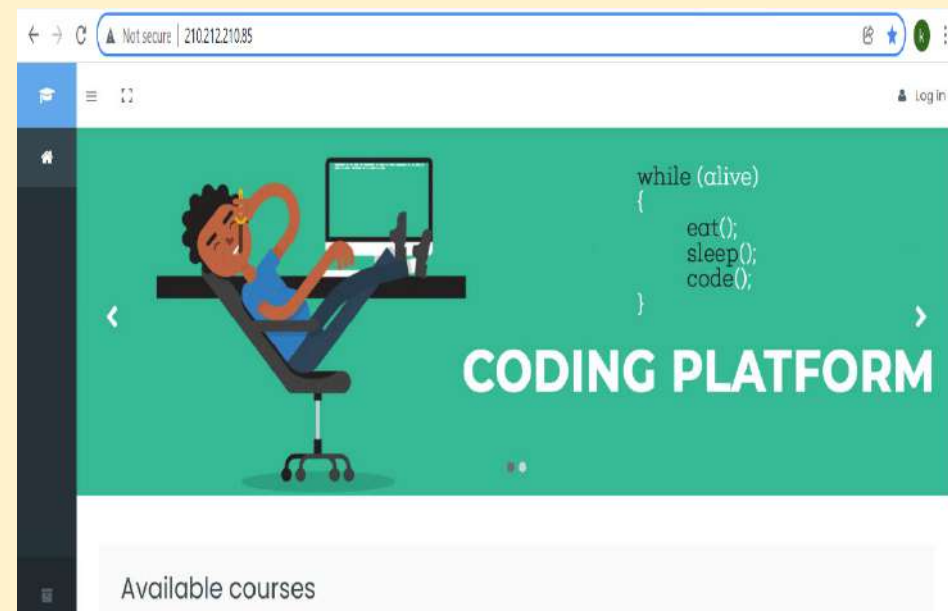
Mr. K.MANOZ KUMAR REDDY,

Professor, HOD, EEE Dept.

ACOE, Surampalem



| Date | Course outline and Schedule |
|------------|--|
| 21-12-2020 | Introduction to Cyber Security, Overview of Cyber Security. |
| 22-12-2020 | |
| 23-12-2020 | |
| 24-12-2020 | Poor Cyber Security Awareness. Cyber Security Safeguards. |
| 26-12-2020 | |
| 28-12-2020 | |
| 29-12-2020 | Firewalls, Intrusion Detection Systems, Response, Scanning |
| 30-12-2020 | |
| 31-12-2020 | |
| 02-01-2021 | Basic security for HTTP Applications and Services. |
| 04-01-2021 | |
| 05-01-2021 | |
| 06-01-2021 | Challenges. Cyberspace and the Law Introduction |
| 07-01-2021 | |
| 08-01-2021 | |
| 09-01-2021 | Cyber Security Standards. The INDIAN Cyberspace. Conduct Exam will be conducted in THUB Portal http://210.212.210.85/ Page and Issue Certificate. |
| 11-01-2021 | |
| 12-01-2021 | |



THUB Portal Page <http://210.212.210.85/> to conduct Exam



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Electrical and Electronics Engineering

Certificate Course on CYBER SECURITY

Academic Year 2020-21

SYLLABUS

Chapter: 1 Introduction to Cyber Security Overview of Cyber Security, Internet Governance – Challenges and Constraints, Cyber Security Vulnerabilities & Security Unprotected Broadband communications,

Chapter: 2 Poor Cyber Security Awareness. Cyber Security Safeguards- Overview, Access control, Audit, Authentication, Biometrics, Cryptography, Deception, Denial of Service Filters, Ethical Hacking, Firewalls, Intrusion Detection Systems, Response, Scanning, Security policy,

Chapter: 3 Threat Management. Securing Web Application, Services and Servers Introduction, Basic security for HTTP Applications and Services, Basic Security for SOAP Services, Identity Management and Web Services, Authorization Patterns, Security Considerations,

Chapter: 4 Challenges. Cyberspace and the Law Introduction, Cyber Security Regulations, Roles of International Law, the state and Private Sector in Cyberspace, Cyber Security Standards. The INDIAN Cyberspace, National Cyber Security Policy 2013.

K. H. K. R. L. J.
HOD EEE.
Head of the Department,
Electrical & Electronics Engineering,
Aditya College of Engineering,
SURAMPALAM-533 437

Certification Course on Cyber Security(Online)

Conducted by Dept. of EEE | ADITYA COLLEGE OF ENGINEERING from 21-12-2020 to 12-01-2021

* Required

1. Name of the Student *

2. Roll No. *

3. Year *

4. Section *

5. Name of the College

6. Mobile No.

7. Email Id

8. Undertaking : The information provided is true to the best of my knowledge. I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinator in case, I am unable to attend the course. *

Mark only one oval.

☐ Yes

☐ No

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Electrical and Electronics Engineering

List of EEE Students Enrolled in Cyber Security Certification Course
during Academic Year 2020-21

| S.NO | Regd.No | Student Name | YEAR/ Branch | Name of The Course |
|------|------------|-------------------------------------|-----------------|-----------------------|
| 1 | 18MH1A0202 | CH PRAKASH | III EEE | Cyber Security |
| 2 | 18MH1A0204 | TUMPALA NEELIMA | III EEE | Cyber Security |
| 3 | 19MH5A0201 | ADAPA VEERENDRA | III EEE | Cyber Security |
| 4 | 19MH5A0215 | DANGETI KAMESWARA RAO | III EEE | Cyber Security |
| 5 | 19MH5A0219 | VELAGA ANIL KUMAR | III EEE | Cyber Security |
| 6 | 19MH5A0221 | GARAGA NAGA DURGA SYAM PRASAD | III EEE | Cyber Security |
| 7 | 19MH5A0223 | INAGADAPU RUPESWAR | III EEE | Cyber Security |
| 8 | 19MH5A0225 | KANCHARLA VEERA VENKATA RAM MOHAN | III EEE | Cyber Security |
| 9 | 19MH5A0227 | KANDUKURI NAGA GIRIRAJA ARUN PRATAP | III EEE | Cyber Security |
| 10 | 19MH5A0229 | KARAGANI AJAY NARAYANA | III EEE | Cyber Security |
| 11 | 19MH5A0230 | KOMARTHI GANESH | III EEE | Cyber Security |
| 12 | 19MH5A0231 | KOMMANA HARIDATTA | III EEE | Cyber Security |
| 13 | 19MH5A0233 | KUNCHE NANIBABU | III EEE | Cyber Security |
| 14 | 19MH5A0234 | MADDALA SHANMUKH | III EEE | Cyber Security |
| 15 | 19MH5A0239 | MUKKA NAGA SIVA MANI KUMAR | III EEE | Cyber Security |
| 16 | 19MH5A0243 | NEERUKONDA NAVEEN | III EEE | Cyber Security |
| 17 | 19MH5A0247 | PALLA VIJAY | III EEE | Cyber Security |
| 18 | 19MH5A0248 | POTHU SHANTI | III EEE | Cyber Security |
| 19 | 19MH5A0249 | VASAMSETTI SATYA SAI KUMAR | III EEE | Cyber Security |
| 20 | 19MH5A0253 | REGADA PUSHPA KUMARI | III EEE | Cyber Security |
| 21 | 19MH5A0255 | SIDDA JAGADEESWARI | III EEE | Cyber Security |
| 22 | 19MH5A0261 | TEKI RAMA KRISHNA AKHIL | III EEE | Cyber Security |
| 23 | 19MH5A0263 | THIPPANA SURENDRA | III EEE | Cyber Security |
| 24 | 19MH5A0265 | UDATA DURGA KALYAN | III EEE | Cyber Security |

| S.NO | Regd.No | Student Name | YEAR/ Branch | Name of The Course |
|------|------------|---|-----------------|-----------------------|
| 25 | 19MH5A0266 | VAKADA SARAN KUMAR | III EEE | Cyber Security |
| 26 | 19MH1A0201 | JAKKI VENKATA SURYA ANANDKUMAR | II EEE | Cyber Security |
| 27 | 19MH1A0204 | KAMAN AJUOT TENG | II EEE | Cyber Security |
| 28 | 20MH5A0205 | CHEEKATLA RAVIBABU | II EEE | Cyber Security |
| 29 | 20MH5A0207 | GUBBALA GAYATRI | II EEE | Cyber Security |
| 30 | 20MH5A0210 | MALAKALA CHANDRASEKHAR | II EEE | Cyber Security |
| 31 | 20MH5A0213 | NAKKA HEMANTH KUMAR | II EEE | Cyber Security |
| 32 | 20MH5A0214 | PYDA SAI KRISHNA | II EEE | Cyber Security |
| 33 | 20MH5A0215 | VEGISETTI VENKATA VIJAY | II EEE | Cyber Security |
| 34 | 20MH5A0216 | VELAGA SAI CHAITANYA | II EEE | Cyber Security |
| 35 | 20MH5A0218 | YAMASANI VENKATA NAGA SIVARAM KUMAR REDDY | II EEE | Cyber Security |

K M K R L

HOD EEE
Head of the Department
Electrical & Electronics Engineering
Aditya College of Engineering
SURAMPALEM-533 437



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

"Cyber Security" Participants list

[illegible]

| S.NO | ROLL NO | NAME | YEAR | Signatures | | | | | | | | |
|------|------------|---|---------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | | | Day-1 | Day-2 | Day-3 | Day-4 | Day-5 | Day-6 | Day-7 | Day-8 | Day-9 |
| | | | | 21-12-2020 | 22-12-2020 | 23-12-2020 | 24-12-2020 | 25-12-2020 | 26-12-2020 | 27-12-2020 | 28-12-2020 | 29-12-2020 |
| 21 | 19MH5A0255 | SIDDA JAGADEESWARI | III EEE | P | P | P | A | P | P | P | P | P |
| 22 | 19MH5A0261 | TEKI RAMA KRISHNA AKHIL | III EEE | P | A | A | A | A | A | A | P | A |
| 23 | 19MH5A0263 | THIPPANA SURENDRA | III EEE | P | P | P | P | P | P | P | P | P |
| 24 | 19MH5A0265 | UDATA DURGA KALYAN | III EEE | P | A | P | P | A | P | P | P | P |
| 25 | 19MH5A0266 | VAKADA SARAN KUMAR | III EEE | P | P | P | P | P | P | P | A | P |
| 26 | 19MH1A0201 | JANKI VENKATA SURYA ANANDKUMAR | II EEE | P | P | A | P | P | P | P | P | P |
| 27 | 19MH1A0204 | KAMAN AJUOT TENG | II EEE | P | P | P | P | P | P | P | P | P |
| 28 | 20MH5A0205 | CHEEKATLA RAVIBABU | II EEE | P | P | P | P | P | A | P | P | P |
| 29 | 20MH5A0207 | GUBBALA GAYATRI | II EEE | P | A | P | P | P | P | P | P | P |
| 30 | 20MH5A0210 | MALAKALA CHANDRASEKHAR | II EEE | P | P | P | P | P | P | P | P | P |
| 31 | 20MH5A0213 | NAKKA HEMANTH KUMAR | II EEE | P | A | P | A | A | A | A | A | A |
| 32 | 20MH5A0214 | PYDA SAI KRISHNA | II EEE | P | P | P | P | P | P | P | P | P |
| 33 | 20MH5A0215 | VEGISETTI VENKATA VIJAY | II EEE | P | P | A | P | P | P | P | P | P |
| 34 | 20MH5A0216 | VELAGA SAI CHAITANYA | II EEE | P | P | P | P | P | A | P | P | P |
| 35 | 20MH5A0218 | YAMASANI VENKATA NAGA SIVARAM KUMAR REDDY | II EEE | P | P | P | P | P | P | P | P | P |

K M K R L

Head of the Department
Electrical & Electronics Engineering
Aditya College of Engineering
- SURAMPALEM-533 433

[illegible]

| S.NO | ROLL NO | NAME | YEAR | Signatures | | | | | | | | | |
|------|------------|---|---------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--|
| | | | | Day-10 | Day-11 | Day-12 | Day-13 | Day-14 | Day-15 | Day-16 | Day-17 | Day-18 | |
| | | | | 02-01-2021 | 04-01-2021 | 05-01-2021 | 06-01-2021 | 07-01-2021 | 08-01-2021 | 09-01-2021 | 11-01-2021 | 12-01-2021 | |
| 21 | 19MH5A0255 | SIDDA JAGADEESWARI | III EEE | P | A | P | P | P | P | P | P | P | |
| 22 | 19MH5A0261 | TEKI RAMA KRISHNA AKHIL | III EEE | A | A | P | A | A | A | A | A | A | |
| 23 | 19MH5A0263 | THIPPANA SURENDRA | III EEE | P | P | P | P | A | P | P | P | P | |
| 24 | 19MH5A0265 | UDATA DURGA KALYAN | III EEE | A | P | P | P | P | P | P | P | P | |
| 25 | 19MH5A0266 | VAKADA SARAN KUMAR | III EEE | P | P | P | P | A | P | P | P | P | |
| 26 | 19MH1A0201 | JAKKI VENKATA SURYA ANANDKUMAR | II EEE | P | P | P | P | P | P | P | A | P | |
| 27 | 19MH1A0204 | KAMAN AJUOT TENG | II EEE | P | P | P | P | P | P | A | P | P | |
| 28 | 20MH5A0205 | CHEEKATLA RAVIBABU | II EEE | P | P | A | P | P | P | P | P | P | |
| 29 | 20MH5A0207 | GUBBALA GAYATRI | II EEE | P | P | P | P | P | P | P | P | P | |
| 30 | 20MH5A0210 | MALAKALA CHANDRASEKHAR | II EEE | P | P | P | P | P | P | P | P | P | |
| 31 | 20MH5A0213 | NAKKA HEMANTH KUMAR | II EEE | A | A | A | A | A | A | A | A | A | |
| 32 | 20MH5A0214 | PYDA SAI KRISHNA | II EEE | P | P | P | P | P | P | P | P | P | |
| 33 | 20MH5A0215 | VEGISETTI VENKATA VIJAY | II EEE | P | P | P | P | P | P | A | P | P | |
| 34 | 20MH5A0216 | VELAGA SAI CHAITANYA | II EEE | P | P | P | P | P | P | P | P | P | |
| 35 | 20MH5A0218 | YAMASANI VENKATA NAGA SIVARAM KUMAR REDDY | II EEE | P | A | P | P | P | P | P | P | P | |


 HOD EEE
 Head of the Department
 Electrical & Electronics Engineering
 Aditya College of Engineering
 SURAMPALAM-533 437

Certification Course on Cyber Security(Online)-Feedback form

Conducted by Dept. of EEE JADITYA COLLEGE OF ENGINEERING from 21-12-2020 to 12-01-2021

* Required

1. 1. The Pre-Course administration was appropriate and informative. *

Mark only one oval.

- ☐ STRONGLY AGREE
☐ AGREE
☐ NEUTRAL
☐ DISAGREE
☐ STRONGLY DISAGREE

2. 2. The Course was scheduled at a suitable time *

Mark only one oval.

- ☐ STRONGLY AGREE
☐ AGREE
☐ NEUTRAL
☐ DISAGREE
☐ STRONGLY DISAGREE

3. 3. The Course facilities and location were appropriate and satisfactory *

Mark only one oval.

- ☐ STRONGLY AGREE
☐ AGREE
☐ NEUTRAL
☐ DISAGREE
☐ STRONGLY DISAGREE

4. 4. The Course Schedule was presented in a clear and organized manner. *

Mark only one oval.

- ☐ STRONGLY AGREE
☐ AGREE
☐ NEUTRAL
☐ DISAGREE
☐ STRONGLY DISAGREE

5. 5. The presenter responded to questions an informative, appropriate and satisfactory manner. *

Mark only one oval.

- ☐ STRONGLY AGREE
☐ AGREE
☐ NEUTRAL
☐ DISAGREE
☐ STRONGLY DISAGREE

6. 6. Handouts/slides (if provided) were clear and useful. *

Mark only one oval.

- ☐ STRONGLY AGREE
☐ AGREE
☐ NEUTRAL
☐ DISAGREE
☐ STRONGLY DISAGREE

7. 7. Overall, the session was informative and valuable. *

Mark only one oval.

- ☐ STRONGLY AGREE
☐ AGREE
☐ NEUTRAL
☐ DISAGREE
☐ STRONGLY DISAGREE

8. 8. In what ways could this Course have been improved to better suit your needs? *

Mark only one oval.

- ☐ STRONGLY AGREE
☐ AGREE
☐ NEUTRAL
☐ DISAGREE
☐ STRONGLY DISAGREE

9. 9. Would you recommend this session to a Friend? *

Mark only one oval.

☐ Yes

☐ No

10. 10. Please suggest any other Courses that would be useful to Your Academics and Carrier

11. 11. Other comments

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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

Electrical and Electronics Engineering Online Feedback Response for Certification Course on Cyber Security (Online)

| S.No | Timestamp | 1.The Pre-Course administration was appropriate and informative. | 2.The Course was scheduled at a suitable time | 3.The Course facilities and location were appropriate and satisfactory | 4.The Course Schedule was presented in a clear and organized manner. | 5.The presenter responded to questions in an informative, appropriate and satisfactory manner. | 6.Handouts/slides (if provided) were clear and useful. | 7.Overall, the session was informative and valuable. | 8.In what ways could this Course have been improved to better suit your needs? | 9.Would you recommend this session to a friend? | 10.Please suggest any other Courses that would be useful to Your Academics and Career | 11.Other comments |
|------|--------------------------------|--|---|--|--|--|--|--|--|---|---|-------------------|
| 1 | 2021/01/12 6:30:30 PM GMT+5:30 | AGREE | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | Very good session |
| 2 | 2021/01/12 6:30:32 PM GMT+5:30 | AGREE | AGREE | AGREE | AGREE | AGREE | AGREE | AGREE | AGREE | Yes | smart vehicles | Very good session |
| 3 | 2021/01/12 6:30:39 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Matlab | good |
| 4 | 2021/01/12 6:30:41 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Matlab Simulation | Very good session |
| 5 | 2021/01/12 6:30:49 PM GMT+5:30 | AGREE | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | STRONGLY AGREE | STRONGLY AGREE | Yes | Electric Vehicles | Excellent |
| 6 | 2021/01/12 6:30:52 PM GMT+5:30 | STRONGLY AGREE | AGREE | AGREE | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | Very good session |
| 7 | 2021/01/12 6:30:56 PM GMT+5:30 | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Electric Vehicles | good |
| 8 | 2021/01/12 6:30:57 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | Yes | Matlab | Excellent |
| 9 | 2021/01/12 6:31:02 PM GMT+5:30 | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | Very good session |
| 10 | 2021/01/12 6:31:04 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | AGREE | Yes | smart vehicles | Excellent |
| 11 | 2021/01/12 6:31:06 PM GMT+5:30 | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Matlab | good |
| 12 | 2021/01/12 6:31:12 PM GMT+5:30 | AGREE | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | smart vehicles | good |
| 13 | 2021/01/12 6:31:26 PM GMT+5:30 | STRONGLY AGREE | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | Very good session |
| 14 | 2021/01/12 6:31:32 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | good |
| 15 | 2021/01/12 6:35:02 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Electric Vehicles | Excellent |
| 16 | 2021/01/12 6:37:14 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | AGREE | AGREE | AGREE | Yes | Matlab | good |
| 17 | 2021/01/12 6:31:02 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | Very good session |
| 18 | 2021/01/12 6:31:02 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | Yes | Matlab | good |

| S.No | Timestamp | 1.The Pre-Course administration was appropriate and informative. | 2.The Course was scheduled at a suitable time. | 3.The Course facilities and location were appropriate and satisfactory | 4.The Course schedule was presented in a clear and organized manner. | 5.The presenter responded to questions in an informative, appropriate and satisfactory manner. | 6.Handouts/slides (if provided) were clear and useful. | 7.Overall, the session was informative and valuable. | 8.In what ways could this Course have been improved to better suit your needs? | 9.Would you recommend this session to a friend? | 10.Please suggest any other Courses that would be useful to Your Academics and Career | 11.Other comments |
|------|--------------------------------|--|--|--|--|--|--|--|--|---|---|-------------------|
| 19 | 2021/01/12 6:31:02 PM GMT+5:30 | AGREE | STRONGLY AGREE | AGREE | AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | Yes | Courses on Solar or Electric Vehicles | nice session |
| 20 | 2021/01/12 6:31:02 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | AGREE | AGREE | Yes | smart vehicles | Very good session |
| 21 | 2021/01/12 6:40:07 PM GMT+5:30 | AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | good |
| 22 | 2021/01/12 6:43:09 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | nice session |
| 23 | 2021/01/12 6:43:12 PM GMT+5:30 | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Matlab | Very good session |
| 24 | 2021/01/12 6:43:16 PM GMT+5:30 | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | smart vehicles | nice session |
| 25 | 2021/01/12 6:43:20 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Matlab | good |
| 26 | 2021/01/12 6:43:25 PM GMT+5:30 | AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | good |
| 27 | 2021/01/12 6:43:39 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | AGREE | AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | nice session |
| 28 | 2021/01/12 6:43:40 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Electric Vehicles | Very good session |
| 29 | 2021/01/12 6:43:52 PM GMT+5:30 | AGREE | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Courses on Solar or Electric Vehicles | nice session |
| 30 | 2021/01/12 6:43:56 PM GMT+5:30 | AGREE | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Electric Vehicles | Very good session |
| 31 | 2021/01/12 6:45:09 PM GMT+5:30 | AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | AGREE | STRONGLY AGREE | AGREE | Yes | Matlab | Excellent |


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ADITYA COLLEGE OF ENGINEERING

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Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

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Department of Electrical & Electronics Engineering

Academic Year: 2020-21

CERTIFICATION COURSE - CYBER SECURITY TEST PAPER

ANSWER ALL MCQs , No Negative Marks,

Duration: 1 hour

50X1=50Marks

1. Hackers who help in finding bugs and vulnerabilities in a system & don't intend to crack a system are termed as _____
 - a) Black Hat hackers
 - b) White Hat Hackers
 - c) Grey Hat Hackers
 - d) Red Hat Hackers

2. Hacking based on which jobs are provided in IT industries and firms?
 - a) Cracking
 - b) Non ethical Hacking
 - c) Ethical hacking
 - d) Hactivism

3. They are nefarious hackers, and their main motive is to gain financial profit by doing cyber crimes. Who are "they" referred to here?
 - a) Gray Hat Hackers
 - b) White Hat Hackers
 - c) Hactivists
 - d) Black Hat Hackers

4. _____ are the combination of both white as well as black hat hackers.
 - a) Grey Hat hackers
 - b) Green Hat hackers
 - c) Blue Hat Hackers
 - d) Red Hat Hackers

5. The amateur or newbie in the field of hacking who don't have many skills about coding and in-depth working of security and hacking tools are called _____
 - a) Sponsored Hackers
 - b) Hactivists
 - c) Script Kiddies
 - d) Whistle Blowers

6. Suicide Hackers are those _____

- a) who break a system for some specific purpose with or without keeping in mind that they may suffer long term imprisonment due to their malicious activity
- b) individuals with no knowledge of codes but an expert in using hacking tools
- c) who know the consequences of their hacking activities and hence try to prevent them by erasing their digital footprints
- d) who are employed in an organization to do malicious activities on other firms

7. Criminal minded individuals who work for terrorist organizations and steal information of nations and other secret intelligence are _____

- a) State sponsored hackers
- b) Blue Hat Hackers
- c) Cyber Terrorists
- d) Red Hat Hackers

8. One who disclose information to public of a company, organization, firm, government and private agency and he/she is the member or employee of that organization; such individuals are termed as _____

- a) Sponsored hackers
- b) Crackers
- c) Hactivist
- d) Whistleblowers

9. These types of hackers are the most skilled hackers in the hackers' community. Who are "they" referred to?

- a) White hat Hackers
- b) Elite Hackers
- c) Licensed Penetration Testers
- d) Red Hat Hackers

10. _____ are those individuals who maintain and handles IT security in any firm or organization.

- a) IT Security Engineer
- b) Cyber Security Interns
- c) Software Security Specialist
- d) Security Auditor

10. _____ are the combination of both white as well as black hat hackers.

- a) Grey Hat hackers
- b) Green Hat hackers
- c) Blue Hat Hackers
- d) Red Hat Hackers

12. The amateur or newbie in the field of hacking who don't have many skills about coding and in-depth working of security and hacking tools are called _____

- a) Sponsored Hackers
- b) Hactivists
- c) Script Kiddies
- d) Whistle Blowers

13. Suicide Hackers are those _____

- a) who break a system for some specific purpose with or without keeping in mind that they may suffer long term imprisonment due to their malicious activity
- b) individuals with no knowledge of codes but an expert in using hacking tools
- c) who know the consequences of their hacking activities and hence try to prevent them by erasing their digital footprints
- d) who are employed in an organization to do malicious activities on other firms

14. Criminal minded individuals who work for terrorist organizations and steal information of nations and other secret intelligence are _____

- a) State sponsored hackers
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15. One who disclose information to public of a company, organization, firm, government and private agency and he/she is the member or employee of that organization; such individuals are termed as _____

- a) Sponsored hackers
- b) Crackers
- c) Hactivist
- d) Whistleblowers

16. These types of hackers are the most skilled hackers in the hackers' community. Who are "they" referred to?

- a) White hat Hackers
- b) Elite Hackers
- c) Licensed Penetration Testers
- d) Red Hat Hackers

17. Who was the first individual to distribute computer worms through internet?

- a) Vladimir Levin
- b) Bill Landreth
- c) Richard Stallman
- d) Robert T. Morris

18. _____ is a powerful encryption tool released by Philip Zimmerman in the year 1991.

- a) PGP (Protected Good Privacy)
- b) AES (Advanced Encryption Standard)
- c) PGP (Pretty Good Privacy)
- d) DES (Data Encryption Standard)

19. _____ are those individuals who maintain and handles IT security in any firm or organization.

- a) IT Security Engineer
- b) Cyber Security Interns
- c) Software Security Specialist
- d) Security Auditor

20. Role of security auditor is to _____

- a) secure the network
- b) probe for safety and security of organization's security components and systems
- c) detects and prevents cyber attacks and threats to organization
- d) does penetration testing on different web applications

21. Firewalls can be of _____ kinds.

- a) 1
- b) 2
- c) 3
- d) 4

22. _____ is the kind of firewall is connected between the device and the network connecting to internet.

- a) Hardware Firewall
- b) Software Firewall
- c) Stateful Inspection Firewall
- d) Microsoft Firewall

23. _____ is software that is installed using internet connection or they come by-default with operating systems.

- a) Hardware Firewall
- b) Software Firewall
- c) Stateful Inspection Firewall
- d) Microsoft Firewall

24. Which of the following is not a software firewall?

- a) Windows Firewall
- b) Outpost Firewall Pro
- c) Endian Firewall
- d) Linksys Firewall

25. Firewall examines each _____ that are entering or leaving the internal network.

- a) emails users
- b) updates
- c) connections
- d) data packets

26. A firewall protects which of the following attacks?

- a) Phishing
- b) Dumpster diving
- c) Denial of Service (DoS)
- d) Shoulder surfing

27. There are _____ types of firewall.

- a) 5
- b) 4
- c) 3
- d) 2

28. Packet filtering firewalls are deployed on _____

- a) routers
- b) switches
- c) hubs
- d) repeaters

29. In the _____ layer of OSI model, packet filtering firewalls are implemented.

- a) Application layer
- b) Session layer
- c) Presentation layer
- d) Network layer

30. The _____ defines the packet filtering firewall rules.

- a) Access Control List
- b) Protocols
- c) Policies
- d) Ports

31. _____ is the illicit transmission of data from inside an organization or personal system to an external location or recipient.
- a) Database hacking
 - b) Data leakage
 - c) Data cracking
 - d) Data revealing
32. Data leakage threats do not usually occur from which of the following?
- a) Web and email
 - b) Mobile data storage
 - c) USB drives and laptops
 - d) Television
33. Data leakage is popularly known as _____
- a) data theft
 - b) data crack
 - c) low and slow data theft
 - d) slow data theft
34. There are _____ major types of data leakage.
- a) 2
 - b) 3
 - c) 4
 - d) 5
35. "Unauthorized" data leakage doesn't essentially mean intended or malicious.
- a) True
 - b) False
36. Unintentional data leakage can still result in the same penalties and reputational damage.
- a) True
 - b) False
37. When leakage of data is done purposely or because of the lack of employee's concern toward confidential data is called _____ done by employees of an organization.
- a) Ill-intentional data leakage
 - b) Malfunctioned in database
 - c) A malfunction in online data
 - d) ill-intension of an outsider

38. Hackers who help in finding bugs and vulnerabilities in a system & don't intend to crack a system are termed as _____

- a) Black Hat hackers
- b) White Hat Hackers
- c) Grey Hat Hackers
- d) Red Hat Hackers

39. Which is the legal form of hacking based on which jobs are provided in IT industries and firms?

- a) Cracking
- b) Non ethical Hacking
- c) Ethical hacking
- d) Hactivism

40. They are nefarious hackers, and their main motive is to gain financial profit by doing cyber crimes. Who are "they" referred to here?

- a) Gray Hat Hackers
- b) White Hat Hackers
- c) Hactivists
- d) Black Hat Hackers

41. In which year the term hacking was coined?

- a) 1965-67
- b) 1955-60
- c) 1970-80
- d) 1980-82

42. From where the term 'hacker' first came to existence?

- a) MIT
- b) Stanford University
- c) California
- d) Bell's Lab

43. What is the one thing that old hackers were fond of or find interests in?

- a) Breaking Other's system
- b) Voracious thirst for knowledge
- c) Cracking Phone calls
- d) Learning new languages

44. In which year the first popular hacker conference took place?

- a) 1994
- b) 1995
- c) 1993
- d) 1992

45. What is the name of the first hacker's conference?

- a) DEFCON
- b) OSCON
- c) DEVCON
- d) SECCON

46. _____ is the oldest phone hacking techniques used by hackers to make free calls

- a) Phishing
- b) Spamming
- c) Phreaking
- d) Cracking

47. In which year, first practical technology hacking came into origin?

- a) 1878
- b) 1890
- c) 1895
- d) 1876

48. In which year, hacking became a practical crime and a matter of concern in the field of technology?

- a) 1971
- b) 1973
- c) 1970
- d) 1974

49. Who was the first individual who performed a major hacking in the year 1971?

- a) Steve Wozniak
- b) Steve Jobs
- c) Kevin Mitnick
- d) John Draper

50. Name the hacker who breaks the ARPANET systems?

- a) Jon von Neumann
- b) Kevin Poulsen
- c) Kevin Mitnick
- d) John Draper

Certification Course-CYBER SECURITY KEY 2020-21:

| | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|
| 1.b | 2.c | 3.d | 4.a | 5.c | 6.a | 7.c | 8.d | 9.b | 10.a |
| 11.a | 12.c | 13.a | 14.c | 15.d | 16.b | 17.d | 18.c | 19.a | 20.b |
| 21.c | 22.a | 23.b | 24.d | 25.d | 26.c | 27.b | 28.a | 29.b | 30.a |
| 31.b | 32.d | 33.c | 34.b | 35.a | 36.a | 37.a | 38.b | 39.c | 40.d |
| 41.b | 42.a | 43.b | 44.c | 45.a | 46.c | 47.a | 48.c | 49.d | 50.b |

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Surampalem.

12.01.2021

From
The Principal,
Aditya College of Engineering,
Surampalem.

To
R.S.D.V.PRASAD,
Technical Hub,
Peddapuram.

Sub: - Appreciation for your presentation in the certification course organized-
Reg.
Sir,

Please accept our sincere appreciation for the outstanding presentation you made to the certification course of "CYBER SECURITY". It was very interesting to hear about your experience teaching skills. Thank you so much for sharing your time and experiences with us.

It seems everyone I talk wants me to express appreciation for your inspiring presentation in the Certification Course organized. Your years of research, your depth of understanding of user interfaces, and your ability to present the subject in such an interesting way produced one of the most memorable days in our group's history. Thanks again for a truly memorable presence. We hope you can join us again.

Yours faithfully



PRINCIPAL

**Aditya College of Engineering
SURAMPALAM - 533 437**





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Aditya Nagar, ADB Road, Surampalem – 533 437. E.G.Dist., Ph: 99631 76662.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate of completion

This is to certify that Mr. / Ms. of

..... has completed the

CERTIFICATION COURSE on *CYBER SECURITY* held from 21st Dec. 2020 to

12th Jan. 2021, during Academic Year 2020-21 at ADITYA COLLEGE OF ENGINEERING,

Surampalem, AP.

KMIC Rm

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PRINCIPAL