

V.S.R GOVERNMENT DEGREE & P.G COLLEGE

MOVVA-521 135 KRISHNA DISTRICT, ANDHRA PRADESH NAAC Accredited With "A" Grade (3.01 CGPA) ISO 9001:2015, 14001:2015, 5001:2011 Certified Institution (Affiliated to Krishna University)



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Introduction to Cyber Security

SYLLABUS

Summary Description
 Learn the need for and importance of cybersecurity. Understand the characteristics and value of personal data, and data within an organization.
 Recognize the characteristics and operation of a cyber attack. Interpret the trends in the cyber threat landscape.
 Understand how to protect devices from threats. Master how to safeguard your privacy.
 Learn techniques to protect organizations from cyber attacks. Recognize the behavior-based approach to cybersecurity Explain Cisco's approach to cybersecurity.
 Understand legal and ethical issues in cybersecurity Explore the opportunities for pursuing an education and a career in cybersecurity.

ASSESSMENT PROCEDURE

Introduction to Cyber Security covers cyber trends, threats and staying safe in cyberspace, protecting personal and company data.

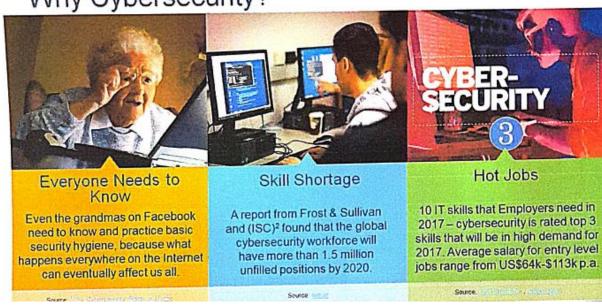
- ✓ Contains 5 Modules.
- ✓ Assessed with 4 Quizzes and 1 Final Exam.

Course Outcomes

Introduction to cyber security is designed for people who want to learn the knowledge and skills they need to work in Information Technology (IT) and networking at the end of this course students are able to

- 1. Understand different types of malware and attacks and how organizations are protecting themselves against these attacks.
- 2. Explore the career options in cyber security.

Why Cybersecurity?



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Introduction to Cybersecurity

Course Overview

The Introduction to Cybersecurity course explores cyber trends, threats and staying safe in cyberspace, and protecting personal and company data.

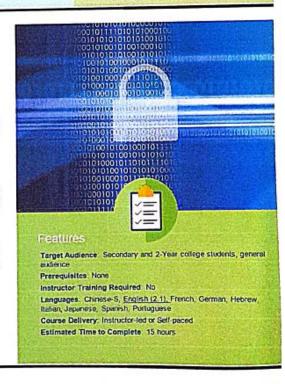
Benefits

Leam how to protect your personal data and privacy online and in social media, and why more and more IT jobs require cybersecurity awareness and understanding.

Learning Components

- 5 modules
- Interactive and instructional content
- 8 Activities and 7 lab exercises that reinforce learning
- 4 quizzes and 1 final exam
- · Links to related resources

eisco



Brief Report

Jawahar Knowledge Centre organized an Online Certificate Course "Introduction to Cyber Security" through CISCO Networking Academy Portal. The duration of the course is 1 Month [30 Hours). Introduction to Cyber Security course is designed for people who want to learn the knowledge and skills they need to work in Information Technology [IT) and networking. 80 students of III B.Sc- MPCs & B.Com (CA) are registered in this course. Şri D. Suresh JKC-Full Time Mentor acted as the Master Trainer for this Course. During the course, students are evaluated using both formative and summative assessments and one final exam is conducted for the course completion in online mode. A total of 25 students successfully completed the course after completing all the course requirements and assessments.



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B.SC MPCS/MECS 2022 B1

Introduction to Cyber Security

Introduction to Cybersecurity (English - 2.12)

Class ID:1068368

24 Jan - 15 Feb 2022, V.S.R. Government Degree College, Movva

Instructors: Devarapalli Suresh

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B.Com CA 2021-22 B2

Introduction to Cyber Security

Introduction to Cybersecurity (English - 2.12)

Class ID:1089258

01 Feb - 15 Feb 2022, V.S.R. Government Degree College, Movva

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- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries

- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

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For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

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Laura Quintana
VP & General Manager, Cisco Networking Academy



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Yeleswarapu Sai Sridhar		
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jujjuvarapu keerti		
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panchakarla sai kumari		
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