

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

A NAAC Accredited Institute

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

CIRCULAR

Anakapalle Dt:- 14-11-2020

Department of Computer Science and Engineering is hereby informed that, in view of the feedback received from III B.Tech. students of CSE branch regarding skill enhancement and to improve the expertise of students in Cyber Security, HOD is advised to depute a faculty from CSE to design and develop a suitable course structure in line with advanced topics of Cyber Security for working on real time applications III B.Tech. students of CSE branch with over 30 working hours. Please ensure that this Add-on course helps them to understand the basic Cyber threats, vulnerabilities, and attacks on systems, networks, or data. Make arrangements to deliver the course from next week onwards.

PRINCIPAL

Dadi Institute of Engineering & Technology



Approved by AICTE & Permanently Affiliated to JNTUK NAAC Accredited Institute & Inclusion under Section 2(f) & 12(B) of the UGC Act NH-16, Anakapalle, Visakhapatnam, Andhra Pradesh 9963694444, 9963981111, www.diet.edu.in, info@diet.edu.in

Department of Computer Science and Engineering

Presents
A four Week Training
Program
on

"Cyber Security"

(25-11-2020 to 21-12-2020)

Course Instructor

Dr.L.Prasanna Kumar Associate Professor, Department of CSE

Venue:

Computer Lab 1, First Floor, DIET

About the Institute

Dadi Institute of Engineering & Technology is a top ranked Engineering and Management College affiliated to Jawaharlal Nehru Technological University, Kakinada. The Institute is NAAC Accredited, ISO Certified and also associated with many professional bodies in the field of Engineering, Technology and Management. It strives to promote the highest standards a mong the students and enable them to Build a New World. Dadi Institute of Engineering & Technology is distinctive among institutions of higher learning. Founded in 2006 by Sri Dadi Veerabhadra Rao, an academician and former Minister as the first multicultural and co-educational college in Anakapalle which admits only academically promising students.

About CSE Department

The Department of CSE was established in the year 2006. It offers B.Tech. Program with an initial intake of 120. It also offers M.Tech. Program in Computer Science and Engineering. The department has good infrastructural facilities with full fledged laboratories equipped with adequate hardware and software. The faculty members are actively involved in research and are publishing papers in reputed national and international journals/conferences.

About the course

Students will be able to learn cyber security becomes essential to identify the various cyber threats, vulnerabilities and attacks on systems networks or data.



Computer Science and Engineering

Cyber Security

Course Instructor:

Dr. L. Prasanna Kumar Associate Professor, CSE Department Dadi Institute of Engineering & Technology

Duration:

4 Weeks: (25/11/2020 – 21/12/2020)

Overview & Need for the Course:

Students are instructed to learn the basics of cyber security in this course. However they need to learn some advanced topics for working on real time applications. The course covers content required to develop basic projects on cyber security.

Course Objectives: To

- Understand the basic basic cyber attack techniques.
- Provide knowledge on cyber security mechanisms.
- Cryptography
- Secure-System Design Methodology
- Risk Assessment
- · Cyber Attacks
- Develop the skill required to handle large amounts of data.

Course Outcomes:

By the end of the course, the student will be able to

- Handle cyber attacks.
- Provide security due to cyber attacks.
- Develop real time projects using cyber security.

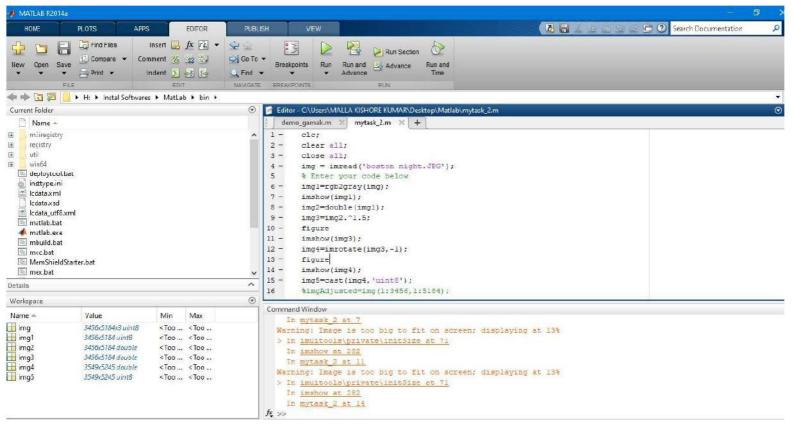
Requirements:

- Basic Knowledge on cyber security.
- A Computer with an Internet Connection.

Course Contents:

- 1. Course overview
- 2. What is cyber security
- 3. Key concepts on cyber security
- 4. Pre-Requisites
- 5. Popular Attacks Hacker Motivation
- 6. Popular Attacks
- 7. Phishing Attack
- 8. Introduction to Cryptography
- 9. Types of Cryptography
- 10. Public Key Cryptography
- 11. Security goals & Its Implementations Authentication & Authorisation
- 12. Security goals & Its Implementations Confidentiality
- 13. Case Study: WhatsApp Attack
- 14. Programming
- 15. Final project
- 16. Conclusion

Classroom:







NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

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COURSE COMPLETION CERTIFICATE

This Certificate is presented to

ADARI SARVANI

For the successful completion of 4-weeks add-on course on Cyber Security

from Date: 25/11/2020-21/12/2020

Dr. L. Prasanna Kumar
Course Instructor



Dr. Ch Narasimham
Principal

Steel

Sri Dadi Ratnakar Chairman





NH-16, Anakapalle – 531002, Visakhapatnam, A.P

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COURSE COMPLETION CERTIFICATE

This Certificate is presented to

BORA MOUNIKA

For the successful completion of 4-weeks add-on course on Cyber Security from Date: 25/11/2020-21/12/2020

Dr. L. Prasanna Kumar Course Instructor

Dr. Ch Narasimham Principal

Steel

Sri Dadi Ratnakar Chairman



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COURSE COMPLETION CERTIFICATE

This Certificate is presented to

KARRI PELSEA

For the successful completion of 4-weeks add-on course on Cyber Security

from Date: 25/11/2020-21/12/2020

Dr. L. Prasanna Kumar Course Instructor



Dr. Ch Narasimham
Principal

Steel

Sri Dadi Ratnakar Chairman





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COURSE COMPLETION CERTIFICATE

This Certificate is presented to

MEDISETTI TEJASRI

For the successful completion of 4-weeks add-on course on Cyber Security

from Date: 25/11/2020-21/12/2020

Dr. L. Prasanna Kumar Course Instructor



Dr. Ch Narasimham Principal

Chairman



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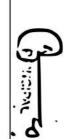
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For the successful completion of 4-weeks add-on course on Cyber Security

from Date: 25/11/2020-21/12/2020

Dr. L. Prasanna Kumar Course Instructor



Dr. Ch Narasimham __ Principal

> Sri Dadi Ratnakar Chairman

Steel





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STUDENT FEEDBACK FORM

Dear Candidate,

appreciate if you could take a few minutes to share your opinions with us so that we can serve you better. Your feedback is critical for the Institute to ensure that we are meeting your educational needs. We would

Date/Duration: 25-11-2020 to 21-12-202 Instructor/Coordinator 25-1- ProSahn on Kumper Feedback Suggestions Title of the Activity: Cyben Secunity 5. The instructor was an effective communicator 4. The program was well placed within allotted time 3. I will recommend this course workshop program to 2. The program was helpful in practical enderstanding 1. The content was as described in Publicity Material relevant conservators across our campus U



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CYBER SECURITY

5. The instructor was an effective communicator	4. The program was well placed within allotted time	3. I will recommend this course workshop program to relevant conservators across our campus	2. The program was helpful in practical enderstanding	1. The content was as described in Publicity Material	Date/Duration: 25-11-2020 to 21-12-2029nstructor/Coordinator Doll. Prosonno		
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Γi	tle of the Activity: Add on- CONTIC- Cy	Dazz	X	RN	wi	My	1	3
D	ate/Duration: 25/11/20 to 21/12/20 instructor/Coordina	itor Dr.	l.	base	اللحد	ake	Feedback/Suggestion	1
	1. The content was as described in Publicity Material	1	2	3	(1)	5	-> Balistanten	1
	2. The program was helpful in practical enderstanding	1	2	3	3	5	3 F D-	1
	I will recommend this course workshop program to relevant conservators across our campus	1.	.2	3	4	(5)	- Sevion	
Α	4. The program was well placed within allotted time	1	2	3	4	(5)		
	5. The instructor was an effective communicator	1	2	(3)	4	5		ļ
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Please return this form to the Course Instructor/Organizer/Coordinator at the end of the workshop/add-on course/Training Program



DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Title of the Activity: Add On Course - Cylos	01 8	Sec	w	ily.	
Date/Duration: 25/1 20 to 21/11 Rnstructor/Coordinate	or Dr	1.7	Yes		
1. The content was as described in Publicity Material	1	2	3	4 5) > practical
2. The program was helpful in practical enderstanding	. 1	2	3	4 5	Application
3. I will recommend this course workshop program to relevant conservators across our campus	10	2	3	4 5	understood well
4. The program was well placed within allotted time	1	2	3	4 5) good.
5. The instructor was an effective communicator	1	2	3	4 5	



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T	itle of the Activity: Adon Course - Cylor	C	PCC	K J	4	<u> </u>	
D	Jate/Duration: 25/11/20 to 21/12/20 Instructor/Coordinato	·Dr	1. p	asa	ora	Kuraj	Feedback/Suggestions
	1. The content was as described in Publicity Material	1	2	3	4	5	# wos
	2. The program was helpful in practical enderstanding	1	2	3	4	5	nice session.
	3. I will recommend this course workshop program to relevant conservators across our campus	1	2	3	4	5	more courses
	4. The program was well placed within allotted time	1	2	3	4	5	Like ARS/s.
	5. The instructor was an effective communicator	1	2	3	4	Y.	