

**CENTRE FOR DISTANCE AND ONLINE EDUCATION
ALAGAPPA UNIVERSITY, KARAİKUDI**

**INTERNAL ASSESMENT
(Calendar Year 2021 Onwards)**

Programme Code	519
Programme Name	DIPLOMA IN CYBER SECURITY

I SEMESTER

MODEL ASSIGNMENT/PRACTICAL QUESTIONS

Paper Code : 51911	Maximum Marks: 25
Paper Title : Cryptography and Network Security	
<ol style="list-style-type: none">1. Explain about symmetric cipher model with neat diagram.2. Discuss in detail about strengths of DES.3. Write about Schnorr Digital Signature schemes?4. Write in detail about IP security.	

Paper Code : 51912	Maximum Marks: 25
Paper Title : Fundamentals of Cyber Security	
<ol style="list-style-type: none">1. Explain about types of cyber crimes and classification of cyber criminals?2. Write in brief about wireless forensics, data base forensics?3. Discuss in detail about host-based intrusion prevention system.	

Paper Code : 51913	Maximum Marks: 25
Paper Title : Cyber Security law and Practice	
<ol style="list-style-type: none">1. List out the features of IT ACT 2000.2. Write in detail about cyber-squatting and reverse hijacking?3. How will you face the Crime against property issues?	

Paper Code : 51914	Maximum Marks: 25
Paper Title : LAB – Cryptography	
<ol style="list-style-type: none">1. Write a Java program to perform encryption and decryption using the following algorithms: a) Ceaser Cipher b) Substitution Cipher c) Hill Cipher.2. Write a Java program to implement the DES algorithm logic.3. Write a C/JAVA program to implement the BlowFish algorithm logic.	