

**AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY**

MCA-INTEGRATED

MCAINT2019-24-S9 : RLMCA305-Cryptography and Cyber Security-Assignment II

QP Code: RLMCA305/2016/A/28

Max.Marks :3

Time:

Q.No	Questions	Marks	CO	BL	PI
1(a)	<p>Complete certification courses on cryptographic techniques for cyber security. Select any one the certification courses of your choice as a part of your assignment & submit the course completion certificate along with a summary of your selected topic and upload the same in the shared folder on or before 29/09/2023</p> <p><i>Sample courses for your reference are given below:</i></p> <ul style="list-style-type: none"> • https://www.coursera.org/learn/crypto?isNewUser=true • https://www.udacity.com/course/applied-cryptography--cs387 • https://www.mygreatlearning.com/academy/learn-forfree/courses/encryption • https://cloud.google.com/training/networking-security • https://www.coursera.org/learn/crypto • https://www.edx.org/learn/cryptography 	3	CO1,CO2,CO3,CO4,CO5,CO6	L6	1.1.1,1.3.1,2.1.3,2.2.3,2.2.4,2.3.1,2.3.2

CO1: Analyze fundamentals Cryptography and Symmetric Cipher Model

CO2: Define mathematical basics of Cryptography and Cyber Security

CO3: Analyze the symmetric encryption techniques

CO4: Illustrate various Public key cryptographic techniques

CO5: Evaluate the authentication applications and hash algorithms

CO6: Distinguish various protocols for network security to protect against the threats in the networks.

Rubrics used for the assessment- MCAINT2019-24-S9 : RLMCA305-Cryptography and Cyber Security-Assignment II

Bloom's Level wise Marks Distribution

Blooms Taxonomy Level	Percentage
L6 Creating	100

Course Outcome wise Marks Distribution

COs	Percentage
CO1	100
CO2	100
CO3	100
CO4	100
CO5	100
CO6	100