



ADIKAVI NANNAYA UNIVERSITY

RAJAMAHENDRAVARAM, ANDHRA PRADESH, INDIA - 533296



A WEBINAR

on

CRYPTOGRAPHY

&

CURRENT TRENDS IN SECURITY FOR PERVASIVE APPLICATIONS

ORGANIZED BY

Department of Computer Science & Engineering
University College of Engineering
Adikavi Nannaya University
Rajamahendravaram, Andhra Pradesh

ABOUT THE WEBINAR

Cryptography is the branch of cryptology, which deals with design of algorithms for encryption and decryption i.e., coding and decoding. It mainly consists of three types of algorithms: Symmetric key, Asymmetric key and Message digest algorithms. Single (secret) key is used in symmetric key cryptographic algorithms for encryption and decryption operations. Two keys are involved in asymmetric key cryptographic algorithms, one is private key and another one is public key. The private key should be kept secret where as public key is placed in the public file, which is accessible to the communicating parties. Message digest algorithm is used to generate message digest or finger print of the given message. Symmetric and Asymmetric key algorithms are used for secure communication and message digest algorithm is used to check integrity of the transmitted message. This webinar is useful to know basic concepts of cryptography and its importance in online secure communication.

Wireless devices replace human beings for communication, connection, computing, collaboration etc. Now a days either in house or outside the house we are under surveillance of some devices. Day to day usage of mobile devices is increased for multiple applications at the same time number of attacks are also in rise. Generally, number of devices get connected and leave the pervasive device either with permission or without permission. Hence, there is a need to know how many devices are connected with our device, whether these are authentic connections or not and also check security of the connection etc. How authentication, confidentiality, integrity & non-repudiation should be achieved? As per the security concerns, software plays a vital role than hardware. The application developers have to develop applications with minimum vulnerabilities and maximum security features. This webinar is useful to know about current trends in the security with respect to pervasive applications.



Webinar Date & Time

5th June 2020, 04:00 PM



INAUGURAL ADDRESS

PROF.M. JAGANNADHA RAO
VICE CHANCELLOR

VALEDICTORY ADDRESS

PROF.B. GANGA RAO
REGISTRAR



OPENING REMARKS

Dr.V. PERSIS
PRINCIPAL
UNIVERSITY COLLOEGE OF
ENGINEERING



SPEAKER

DR. Y. V. SUBBA RAO
ASSOCIATE PROFESSOR
UNIVERSITY OF HYDERABAD



SPEAKER

DR. N. RUKMA REKHA
ASSOCIATE PROFESSOR
UNIVERSITY OF HYDERABAD



COORDINATOR

DR. P. VENKATESWARA RAO
HEAD
DEPARTMENT OF CSE



WEB LINK FOR FREE REGISTRATION:

<https://forms.gle/yZB9GRx78iZjpnqX9>

E-CERTIFICATE WILL BE ISSUED TO ALL THE PARTICIPANTS