

Important Dates :

Registration Starts : November 5, 2021

Registration closes : November 14, 2021

Commencement of FDP : November 16, 2021

Who can attend :

- ✓ Industry Persons
- ✓ Faculties/Teachers
- ✓ Research Scholars
- ✓ Students (UG & PG) I

Registration-link :

<https://forms.gle/sGCgRGfen3g8cj149>



Join Whatsapp

<https://chat.whatsapp.com/Ejq1KbMiHtcKym3rRc4z6i>

ASTNGC_1 FDP
WhatsApp group



Note : **E-Certificates and Materials will be shared to all participants at the end of the FDP.

*Attendance is mandatory throughout the FDP

*Must secure minimum marks in daily assessments.

*Limited Seats based on First come First serve.

CHIEF PATRON

Sri. Ch. Malla Reddy

Hon'ble Minister, Telangana State Founder Chairman, CMRGI

PATRON

Sri.Ch.Gopal Reddy

B.E., Secretary Correspondent, CMRGI.

CO-PATRONS

Sri. Ch. Abhinav Reddy

CEO, CMRGI

Dr. M. Janga Reddy

Director, CMRIT

PRINCIPAL

Dr. B. Satyanarayana

Principal, CMRIT

CONVENORS

Mr. A. Prakash

Head of the Department, CSE

Dr. K. Pradeep Reddy

Head of the Department, CSE-DS & CSE-AIML

COORDINATORS

Dr. P. Muralidhar

Associate Professor,CSE-DS

Contact : 7731011453.

Email :Astngc_fdp@cmritonline.ac.in

Mrs. B. Sunitha Devi

Associate Professor, CSE/ICH-DS

CO-COORDINATORS

Mr. N. Suresh

Assistant Professor,CSE-AIML

Mrs. M. Swetha

Assistant Professor, CSE-DS

A Five Day National Virtual FDP on Advanced Security Techniques for Next Generation Computing

CMR INSTITUTE OF TECHNOLOGY

(UGC Autonomous)

Approved by AICTE | Accredited by NAAC with 'A' Grade

All B.Tech Programs Accredited to NBA



Computer Science & Engineering



Nov 16, 2021 to Nov 20, 2021

Daily 10 :00am to 12 :00pm

About the Organization

CMR Institute of Technology established in the year 2005 under MGR Educational Society in Kandlakoya village is a UGC Autonomous, NBA Accredited and NAAC 'A' Grade Institution. Located amidst lush green environs in 10 acres of land with a built up area of 31193.72 Sqm is one such academic destination to cherish intellectual acumen.

CMRIT imparts quality education to students in Engineering Technology and Management. Since inception, CMRIT has been consistently ranking top among engineering institutions of Telangana.

CMRIT is the right place to define one's future with a will to question ideas, pursue long-held passions and explore new interests.

About the Department

The Department of Computer Science and Engineering has the vision to be a model for academic excellence and research in the field of computer science and engineering that prepares competent professionals with innovative skills, moral values and societal concern. It also has the mission to impart quality education through state-of-art curriculum, conducive learning environment and research with scope for continuous improvement leading to overall professional success.

Aim of the FDP

The technological and industrial revolution brought new forms of threats and attacks that exploit the inherent complexity and heterogeneity of networks. There are many recent examples of attacks that exploit devices to perform large-scale distributed denial of service attacks, to spy on people, and to hijack communication links, therefore delivering full control of anything that is remotely accessible to an attacker. Those attacks deeply affect the operation of a number of services that are vital for the society functioning as energy, transport, communications, and so on. The FDP focuses on both

the theoretical practical aspects of the security, privacy, trust and resilience of networks, devices, applications, and services as well as novel ways of dealing with their vulnerabilities and mitigating sophisticated attacks.

Objectives

- To Train the participants on different tools and algorithms to improve security in new generation Computing.
- To learn new environment to improve security in multiple areas.
- To leverage the knowledge of participants with advanced tools and usage.

Expected Outcomes :

- ① Analyze and resolve security issues in networks and computer systems to secure an IT infrastructure.
- ② Participants will be trained to implement security packages in Julia.
- ③ Resolve the research issues in multidimensional security.

Resource Persons :

- ① Dr. Athota Kavitha, Assoc.Professor, Department of Computer Science and Engineering JNTUH, Hyderabad, Telangana 500085
- ② Dr.S. Pallam Setty Professor,

Department of Computer Science and Systems Engineering, Andhra University, Visakhapatnam, Andhra Pradesh-530009

- ③ Dr. K S Kuppusamy Asst. Professor, Department of Computer Science and Engineering Pondicherry University Pondicherry-605014
- ④ Dr K Adi Narayana Reddy, Professor, Department of Computer Science and Engineering BVRIT college of Engineering for Women Hyderabad- 500082. Telangana
- ⑤ Dr Ajit Kumar Post Doctoral Researcher, Soongsil University Seoul, South Korea.

Tentative Schedule

- 16-11-2021 Cyber Security
- 17-11-2021 Malware Detection using Machine Learning
- 18-11-2021 Security Package in Julia
- 19-11-2021 Penetration testing of web application using burp suit
- 20-11-2021 Block Chain Technologies