

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

(Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC - 'A' Grade, ISO 9001:2015 Certified)

School of Computer Science & Engineering (SoCSE-3) - Data Science | IoT | Cyber Security

March 11, 2024



Hands-on Workshop on IOT Systems and Cyber Security



“Report on Hands-on workshop on IOT Systems & Cyber Security”
Organized by BITS Hyderabad Campus

OVERVIEW OF THE EVENT:

BITS Hyderabad Campus have invited IOT and Cyber Security Students from few selected organization for participating in the programming naming “**Hands on workshop on IoT Systems & Cyber Security**” organized by BITS Philani Hyderabad Campus on **09th March 2024** (Saturday) and MRCET is fortunate and one of the invite to participate in this workshop.

For this, our students from **CSE (IOT) and CSE(CyS)** from **School of CSE – Emerging Technologies, MRCET Campus** were identified and encourage to attend the same.

This program mainly useful for the students who are interested to module their career into IOT and Cyber Security Sector. For this, the Experts from University of Hyderabad and BITS Hyderabad have shared their valuable knowledge to our students on latest trends in IoT systems, various IoT Tools & Technologies which can provide the solutions in various fields like in Agricultural Sector, Automobile Sector, Army & Security Sector etc. Students of **CSE (IoT) from MRCET** have attended this workshop and gained knowledge from the Experts.

The other set of students from **MRCET CSE (Cyber Security)** have attended the Technical Section on Cyber Security on the same day. In this Session, the expert have shared about the Need of Computer Security, Secure with Emerging Technologies, Social Responsibility to be more secure, Security Threads, Various Problems in Cyber Security and with the possible solutions. Post Lunch, the session followed by the DEMO on latest and related tools and delivered to all the participants.

The above two sections have been taken by two Eminent Professors (experts), Professor Siba K Udgata from University of Hyderabad and the Professor Ankur Bhattacharjee, from BITS Pilani Hyderabad Campus on 09th March 2024 in BITS Hyd.

The Poster and the few Pictures of this Event..

A HANDS-ON WORKSHOP
ON
IOT SYSTEMS AND CYBER SECURITY

9TH MARCH 2024
ORGANIZED TO FULFILL THE
SCIENTIFIC SOCIAL RESPONSIBILITY
IN CRG, SERB PROJECT
"DEFEND INTERNET OF THINGS-BASED CYBER ESPIONAGE THROUGH ANALYSIS OF
ENCRYPTED OR UNENCRYPTED NETWORK TRAFFIC USING MACHINE LEARNING"
DST FILE NO.: CRG/2020/005855



SPEAKER
SIBA K UDGATA
Professor
University of Hyderabad



HOST
RAJIB RANJAN MAITI
Assistant Professor, CSIS,
BITS PILANI, Hyderabad Campus



SPEAKER
ANKUR BHATTACHARJEE
Assistant Professor, EEE
BITS PILANI, Hyderabad Campus

From 9.00 am - 1.00pm **Register Now!**

9:00 - 9:15 INAUGURATION BY HOD, CSIS
9:15 am - 10:00am - Talk1 on IoT Systems
10:00 am - 10:15 am - Break
10:15 am - 11:00 am - Talk2 on IoT Energy
11:00 am - 11:30 am - Lab Visit



First Come First Serve
Register on or before
7th March
<https://forms.gle/NDopgBMTuhAVtdF27>
Venue: I-015, Department of CSIS,
BITS-Pilani, Hyderabad Campus

11.30 am - 12:00 am - Demo 1
IoT Provisioning

12.00 am - 12:30 am - Demo 2
Fuzzing IoT Devices

12.300 am - 1:00 pm - Demo 3
Generate alert based on attack signature


BITS Pilani,
Hyderabad Campus Phone : +91 04066303623 | Email : lotsecurelab@gmail.com
Website link: <https://iotsecurelab.github.io/>



Students from Dept. of ET, MRCET attended along with other selected colleges for this event.



School of ET, MRCET with Organizers during the Workshop at BITS Hyderabad Campus

Around **30 Students** with one faculty (Mr. S Vishwanadh Reddy, Asst. Professor & Coordinator) from School of Emerging Technologies who coordinated this event and faculty representative from our Dept and MRCET for this workshop and even attended the same on 09th March 2024 in BITS Hyderabad Campus. And overall 80 students from selected Engineering Institutions of Hyderabad have been participated in this workshop. MRCET is proud to be one of the selected institute for this event.

At the end of the workshop, the BITS have created lot of scope and shared many case studies as well as taught many things to all the participants. Our MRCET students had a great learning opportunity by this.

On behalf of MRCET, Mr Vishwanadh shared gratitude to all the organizers of this workshop and to the management of the BITS-P Hyderabad Campus

Event Coordinator: Mr S Vishwanadh Reddy, Asst. Professor, SoET, MRCET



Report Prepared by

SCHOOL OF CSE-EMERGING TECHNOLOGIES – DATA SCIENCE, IOT & CYBER SECURITY

M R C E T CAMPUS

(Autonomous Institution – UGC, Govt. of India)

(Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC – ‘A’ Grade - ISO 9001:2015 Certified)

Maisammaguda, Dhulapally (Post Via. Kompally), Secunderabad – 500100, Telangana State, India.

Contact Number: 040-23792146/64634237, E-Mail ID: mrcet2004@gmail.com, website: www.mrcet.ac.in

