



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. [www.cbft.ac.in](http://www.cbft.ac.in)



## BRIEF NOTE ON CBIT & DSCI MOU

This Memorandum of Understanding ("MoU") is entered between Cyber Security Centre of Excellence (CCoE) a joint initiative of (DSCI AND Government of Telangana) and Chaitanya Bharathi Institute of Technology Dated 5<sup>th</sup> March, 2020.

WHEREAS Cyber Security Centre of Excellence (CCoE) is a joint initiative of DSCI AND Government of Telangana. CCoE endeavours to build a sustainable Cyber Security and privacy industry development by Creating a conducive Cyber Security ecosystem which nurtures Innovation, Entrepreneurship and capability building. The CCoE is a hive of activity for organizations, departments, entrepreneurs, professionals and students engaged in this domain. The CCoE aims to provide a secure and resilient cyberspace to fulfil the needs of the Digital economy and society by creating a Global cluster of Innovation, expertise and Collaboration in the twin areas of Cyber Security and Privacy. DSCI is a not-for-profit company registered under Section 25 of the Companies Act 1956 (now section 8 of Companies Act 2013) and is an industry body on Data protection in India, setup by NASSCOM, Committed to making the Cyberspace safe, secure and trusted by establishing best practices, standards and initiatives in security and privacy.

### **Purpose of MoU**

The purpose of the MoU is to establish CCoE and CBIT will jointly Collaborate with DSCI for mutual benefit of both the organizations. The areas of collaboration will be Research, Innovation, Incubation, marketing, Hackathons, corporate innovation and training programs. The scope of each activity under the identified areas of Collaboration along with Roles, Responsibilities & Time lines.

MOU Exchanging Between CBIT & DSCI (Centre of Excellence), Dr. P. Ravinder Reddy, Principal, Dr. B. Sriram, CEO -DSCI, Sri. D. Bhasker Reddy, Advisor, Sri. Andrew Lazarus, Manager, DSCI, Dr. NLN Reddy, Director-CDC, Dr. M. Swamy Das, HOD -CSE at Cybersecurity Centre of Excellence 1203A, Manjeera Trinity Corporate, Kukatpally, Hyderabad on 05.03.2020. This MOU will facilitate Training, Research, Innovation, Incubation in Cybersecurity Space. These initiatives will enable Students & Faculty equipped with latest Technologies in Cybersecurity Space.



Exchanging of MOU Between Prof.P.Ravinder Reddy CBIT & Dr.B.SriRam of Cyber Security Centre of Excellence A joint Initiative of DSCI & Govt. of Telangana on 05.03.2020 for Cyber security Initiatives



Cyber Security Poster Presentation by Students on 19<sup>th</sup> Feb 2020

Dr.SriramBirudavolu, CEO, Cyber Security Center of Excellence, D.Bhasker Reddy, Advisor -CBIT, Sri.VinodKumar,CEO, Kernelsphere, Andrew Lazarus, Manager – Business Development, Cyber Security Centre of Excellence &Dr.Sainath from DSCI were Judges for Evaluating the Posters.



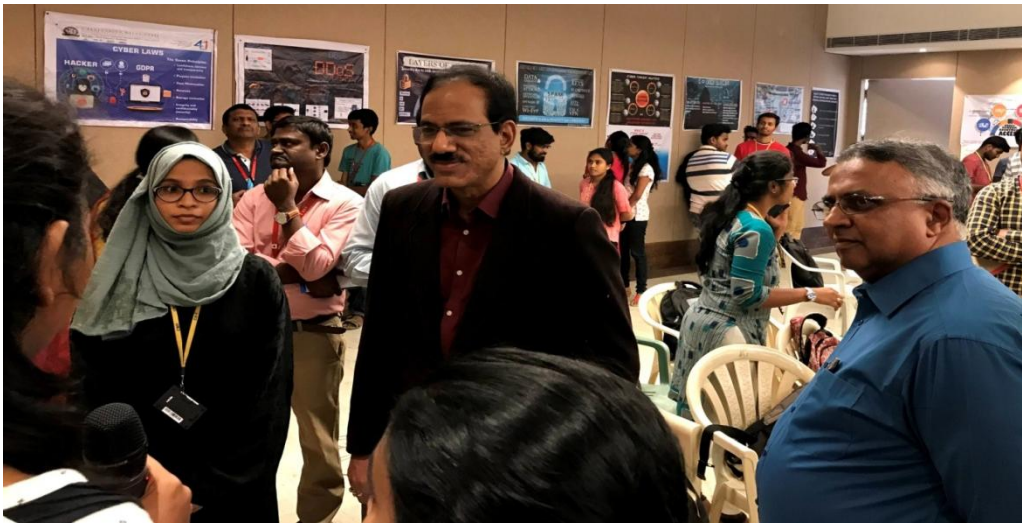






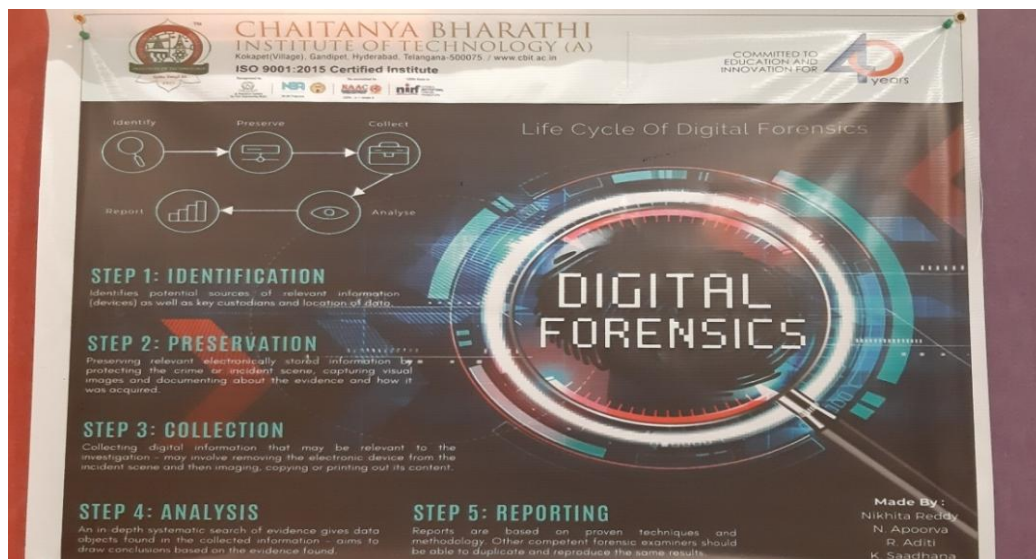














Chudu Oka Vaipe Chudu Anko Vaipu  
Chudali Ankoku Thattukolev

## STRATEGY OF CHOOSING PASSWORD

CYBER SECURITY

↓  
COVCIVCAT#1999  
↓

- MAKE YOUR PASSWORD LONG
- DO NOT REUSE PASSWORDS
- MAKE YOUR PASSWORD A NONSENSE PHRASE
- INCLUDE NUMBERS, SYMBOLS, AND UPPERCASE AND LOWERCASE LETTERS
- AVOID USING OBVIOUS PERSONAL INFORMATION
- CHANGE YOUR PASSWORDS FOR EVERY 45 DAYS
- STAY AWAY FROM OBVIOUS DICTIONARY WORDS AND COMBINATIONS OF DICTIONARY WORDS

**ESTIMATING PASSWORD CRACKING TIMES:**  
<https://www.betterbuys.com/estimating-password-cracking-times/>

B Pavan  
K Vidhyadhari  
M Yogitha Nandini

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ISO 9001:2015 Certified Institute

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

41 years

## DIGITAL FORENSICS

Digital forensics (sometimes known as digital forensic science) is a branch of forensic science encompassing the recovery and investigation of material found in digital devices, often in relation to computer crime.

**Steps Involved:**

- Identification
- Preservation
- Analysis
- Documentation
- Presentation

**C. DURGA BHAVANI**

## Key-loggers

**TYPES OF KEYLOGGERS:**

- Software Keyloggers
- Hardware Keyloggers

**Softwares:**

- Spyrix Keylogger
- Kidlogger
- Ardamax Keylogger

**Recent Attack:**

- Attack campaign uses keylogger to hijack key business email accounts

**How to detect?**

- Update your system
- Checking Startup apps everytime

**Key-logger is the action of recording the keys struck on a keyboard**

**Best Antivirus Softwares:**

- Norton
- Bitdefender
- Panda

**How to Overcome?**

- One-time password
- 2 Step Verification
- Virtual Keyboard

**MALWARE**