

**SSN COLLEGE OF ENGINEERING  
(Autonomous Institution)  
Department of Information Technology**

**Conclave on Cyber Security (CCS'20)  
30<sup>th</sup> & 31<sup>st</sup> January 2020**

**Venue: Seminar Hall, Ground Floor, IT Department**

**Day 1: 30-01-2020**

**8:30 am - 9:00 am - Registration**

**9:00 am - 3:30 pm - CTF Training & Competition - WIN CASH Prizes  
Co-coordinators: Mr. Ashok Kumar Mohan & Ms. R. Santhya, Amrita University**

FN Session: Prerequisite - Tools for FBCTF

AN Session: CTF Competition

**Day 2: 31-01-2020**

**9:00 am - 10:30 am - Session 1 - Digital Forensics**

**Speaker: Mr. Ashok Kumar Mohan, RA, TIFAC CORE, Amrita University**

- Analysis of digital footprints
- Discussion on solving test cases - Handling it in real-life

**10:45 am - 12:15 pm - Session 2 - IoT Security and Risks**

**Speaker: Mr. Vittal Raj, Founder of Pristine Consulting**

- Identify and analyse IoT security and privacy risks
- Understand concept design for secure hardware and software
- Analyse the social and privacy aspects of the IoT.

**12:15 pm - 1:00 pm - Lunch Break**

**1:00 pm - 3:15 pm - Session 3 - Vulnerability Assessment and Penetration Testing**

**Speaker: Mr. Karthikeyan Krishnamoorthy, Cyber Security Expert**

- Introduction to vulnerabilities in application layer
- Demonstration of VAPT in open source web applications