*Agnel Institute of
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Assagao, Goa – 403 507

ACCESS
The Student Association
of Computer Engineering

**Department
of
Computer Engineering**
AITD, Goa

Experts from
Balachandra
Technologies, Goa

Tech Talk & Demo on "Cyber Security"

Organized by
ACCESS
COMPUTER ENGINEERING
16th February 2017

Getting started

ACCESS – the association of Computer Engineering Students jointly with the Department of Computer Engineering of AITD organized a Technical Talk & Demonstration on "Cyber Security" for the first and second year students. It was held on 16th February 2017 in which a team of experts from Bhalchandra Technologies, Goa gave a talk and conducted demonstration on cyber security. The expert team showed the tricks used by hackers for invading privacy.

Excerpts from the Talk & Demo…

The computer was developed as a device for calculation and computing. Then it evolved into something more versatile. Now it can do a variety of jobs that the first computer couldn't have possibly done. With the evolution of the computers, the internet came into existence. It connected computers together. But even though it was developed as tool for aiding the pursuit of knowledge, it too developed a bad side.

The talk made the students aware of how vulnerable we are when we use the Internet and the social media.

The first demo was on _phishing_. The hacker could easily acquire the password of the account user by just sending an email to the account user which contained link to a site which wasn't the authentic site and when the user logged in, the hacker would get the password. The social media that was the most vulnerable was Facebook.

Since all other accounts are linked to Facebook, they would be affected too if the Facebook account is hacked. They also made students aware that the privacy on social media was not totally full proof. A demo was shown in which sensitive information was found out about the user only using his account ID, where they displayed the posts liked by the user, videos liked, etc.

The topic of _social engineering_ was also brought up in which they said how easy it was to get information for finding out the password just by asking a few routine questions which would seem unrelated to hacking. The interests and hobbies could be found out and the _password could easily be cracked_ by using certain application and softwares.

The internet also has a dark side, which is the _dark web_, where all the illegal businesses and activities go on- right from terrorism to drugs. The students were also told about the perils involved when they access the dark web, various _malware and virus_ which can be embedded in file or an image and sent to user without their knowledge which could damage our devices. A demonstration of _webcam monitoring and access by hackers_ to stalk the user for illegal purposes was also held.

The students were also guided about _creating a safe password_ and the ways to be _safe while surfing the Internet_. The session was concluded with information about _Encryption and Decryption_.