



Awareness Talk on “Cyber Forensics”



20th July 2016 Wednesday

Department of Computer Engineering, AITD

Resource Person



Fr. **Thomas Schwarz SJ.**,
Professor
Computer Science
University of California.

Brief Profile of the Resource Person

Current Position: Associate Professor in Department of Mathematics, Statistics and Computer Science, Marquette University.

Dual Citizenship: Germany and USA.

Areas of Specialization: Computer Science: Storage Systems, Distributed Systems, Security.

Education: Doctorates in Mathematics (Germany) and Computer Science.

1994: Ph.D. Computer Science, University of California, San Diego.

1990: M.S. Computer Science, University of California, San Diego

1984: Doctorate in Mathematics (Dr.rer.nat.), Fern-Universität, Germany.

1980: Diplom-Mathematiker (Diploma in Mathematics), Westfälische Wilhelms-Universität, Münster, Germany

Research Publications: Authored, published and presented more than 100 research papers in International Journals and Conferences.

Professional Service:

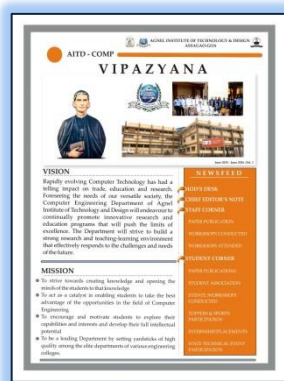
- Associate Editor of ACM Transactions on Storage since 2010.
- Organized many International level events (IEEE Conferences, Workshops, Annual Meetings, etc) as General Chair, Joint Chair and as Technical Program Committees.

Presided-over by



Fr. **Victor Rebello**
Director
Agnel Technical
Education Complex, Goa.

Launch of “VIPAZYANA”



“Vipazyana”– the departmental Newsletters of Agnel Institute of Technology and Design reflect the events, activities, academic prowess and achievements of the Institute vis-à-vis its vision, mission and quality policies.

The first volume of Vipazyana was launched jointly by **Fr. Thomas Schwarz, SJ**, **Fr. Victor Rebello**, Director, **Fr. Sebi Rodrigues**, Assistant Director of Agnel Technological Education Complex, **Dr. V. Mariappan**, Principal, AITD and **Prof. Terence Johnson**, Chief Editor & Head, Department of Computer Engineering.

Excerpts from the talk...

Cyber forensics is the scientific process of identification, securing, acquisition, authentication, analysis, documentation and preservation of digital evidence.

The students learnt the do’s and don’ts to be kept in mind while at the crime scene like never touching or removing anything found at the crime scene, indulging in which could destroy some potential evidences.

Inaugural address by

Dr. V. Mariappan

Principal

Agnel Institute of
Technology and Design
Assagao , Goa.

Computer forensics or cyber forensics is a branch of digital forensics science pertaining to evidence found in computers and digital storage media. Students were taught that, to be able to catch a criminal, they have got to think how a criminal would act.



The various cybercrimes include fraud, child pornography, hacking, phishing, sexting, money laundering and spam.

Students were also taught about the various ways in which crimes done on Windows systems could be detected. For example, finding if there was any change in data or time of a system, using the log files.

They were informed that the best way to avoid falling prey to cyber frauds and phishing was to never open unknown or unsecured websites or webpages. Other ways to keep safe are:

- Keep an eye out for phony email messages
- Don't respond to email messages that ask for personal information
- Steer clear of fraudulent websites used to steal personal information.
- Pay attention to privacy policies on web sites and in software
- Guard your email address.

Further students were told that the best way to tackle cybercrimes was using the solutions provided by cross-domain solutions. When organized use cross-domain cyber security solutions, they can ensure that exchange of information adheres to security protocols.

Cross domain solution offers a way to keep all information confidential by using safe and secure domains that cannot be tracked or accessed.

The security solution can be used by commercial and government organization to ensure an impenetrable network, while still making sure that user can get access to required information easily.

Valedictory & Photo session



The "Awareness talk on Cyber Forensics" ended with the valedictory function held at the end of the day.

With 55 students of the B.E Computer Engineering attending the function, **Fr. Thomas Schwarz**, SJ, **Fr. Victor Rebello**, Director, **Fr. Sebi Rodrigues**, Assistant Director,

Dr. V. Mariappan, Principal, AITD and all the faculty members of Computer Engineering participated in the function.

Prof. Terence Johnson, Head of Department of Computer Engineering took care of the arrangements for the function in all its aspects.

Organized by

Prof. Terence Johnson

Head

Dept. of Computer Engg.
Agnel Institute of
Technology and Design
Assagao , Goa.