

A Report on Expert Talk

Date: 30-01-2021, 3:30pm

Session Coordinator: Prof S D Panchal, Professor

About Expert:

Dr Martin Gilje Jaatun is a Senior Scientist at SINTEF Digital, Trondheim, Norway, and an adjunct professor at the University of Stavanger. His research interests include software security, security in cloud computing, and security of critical information infrastructures. He is vice chairman of the Cloud Computing Association (cloudcom.org), vice-chair of the IEEE CS Technical Committee on Cloud Computing, and a Senior Member of the IEEE.



The objective of the Talk:

- To understand the various aspects of software security

Abstract of the Talk:

Software security is about building software that will be secure even when it is attacked. Numerous guidelines and best practices exist, outlining processes and methodologies that can be adopted to achieve better software security. The problem is that there are too many activities to take on all at once without overwhelming the developers. In practice, these are only used to a limited extent and the problem of insecure software is bigger than ever. It can be argued that organizations learn best by comparing themselves to other organizations that tackle similar challenges, rather than comparing themselves to abstract theoretical models of ideal practices for software security. The speaker highlighted key software security activities that many organizations have found useful and that may be adapted to other sectors.

Participants:

- The students of the Cybersecurity Program (1st Semester)


