



Department of Computer Applications

Organizes

Faculty Development Programme

Supported by

LDRA Academic Alliance Program (LAAP)



Secure Coding Best Practices for Safety, Security & Mission Critical Systems

24 February 2017, Tiruchirappalli

In the last few years, there is a continuous and rapid growth of software within various safety, security and mission critical systems across various industries. Unfortunately, this growth comes with rising threat of cyber security of complex systems such as used in cars, medical devices, nuclear power plants, aerospace & defence and space projects. Hence it is important to ensure that the embedded code is safe and secure. The objective of this FDP is to discuss and share knowledge about software engineering for safety, security and mission critical systems.

Coverage

- Software Development Lifecycle for Safe, Secure and Mission Critical Systems.
- Advanced Software Testing Methods.
- Coding Guidelines – MISRA, CERT.
- Process Standards: ISO 26262 for Automotive, DO 178C for Avionics.
- Achieving Software Safety & Security using LDRA Software.

Eligibility

- Sr. Faculty members from EEE, ECE, EIE, CSE, CA and other departments with knowledge of C, C++ or Embedded C programming language and software testing.
- Knowledge in device oriented software applications (C, C++) and embedded systems.
- From an institute, only 2 faculty members from each department is allowed.
- No registration fee! Participants need to bring a letter of nomination on college letterhead.

How to Apply?

[Click Here](#) for Registration

Last date of receiving entries: 20 February 2017