



PG Certificate Programme in  
**Advanced Secure  
Software Development**

## Course Highlights

- Well established courses with excellent placement records.
- 24-week full-time courses with 900 hours' theory + lab + project + 300 hours self study.
- 6-8 hours per day theory + lab sessions on 6 days a week in most centres.
- Continuous lab and internal assessments during the course.
- Centralised course-end theory exams across all centres.
- Courses designed and developed in consultation with the domain experts in C-DAC, academia and ICT industry.
- Expert faculty from C-DAC and ICT industry with widespread domain knowledge.
- Tutorials, hands-on and projects relevant to the standards of the ICT industry.
- Special training in aptitude, effective communication and interview skills.
- Extensive placement orientation and region-wise common campus placements.

**Core Modules:** SDLC, Cryptography, Software Security, Android, Java, SNP, Python & ML

The PGCP-ASSD course is dedicated to addressing security needs in contemporary software development, offering a balanced focus on programming fundamentals, and emerging technologies like machine learning & cyber security.

## Course Modules

- C and Data Structures
- Object Oriented Programming using C++
- Linux System Programming
- Cryptography & Network Security
- Secure Web Application Development
- Secure Software Engineering
- AI for Cyber Security
- Aptitude & Effective Communication
- Project



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CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING



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