



DELHI TECHNOLOGICAL UNIVERSITY

Department of Software Engineering

Labs & Infrastructure

Advanced Software Engineering

Officer-in-Charge: Dr. Shweta Meena

An "Advanced Software Engineering Lab" typically refers to a research facility within a university focused on developing cutting-edge software engineering techniques, often incorporating areas like machine learning, cloud computing, security, large-scale systems, and software verification, with a focus on pushing the boundaries of software development beyond standard practices; prominent examples include labs at software engineering department.

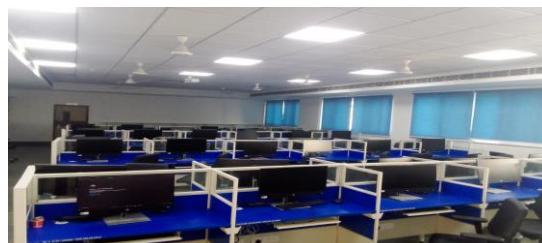
Key aspects of an advanced software engineering lab:

Research Focus:

- **Emerging Technologies:** Exploring the application of new technologies like AI, blockchain, quantum computing within software development.
- **Software Security:** Developing methods to secure large-scale software systems against cyber threats.
- **Formal Verification:** Utilizing mathematical techniques to prove the correctness of software systems.
- **Software Evolution and Maintenance:** Studying methods to effectively update and maintain large, complex software systems over time.

Equipment's in Lab:

S.No.	Equipment Detail	Unit
1.	HP ProDesk 400 G7 (intel core i7 2.90 GHz) all in one computer	40
2.	BenQ Projector	01



Wi-Fi: -

Manageable Wi-Fi access point in the lab for access Internet on Desktop and Laptop.

Installed Software & Tools: -

Oracle 10g , Turbo C++ 4.0 , Code blocks – 13.12 , Dev C++, MS Office. etc.