

Day - 1

- **Introduction to Android**
 - Android Security Architecture
 - What is ADB?
 - Setting up Android Pentesting Environment (Genymotion)
 - Android Applications Components
 - Setting up a Burp proxy"

Day - 2

- **Session 4: IOS Application Security**
 - MVC and Event Driven Architecture
 - ARM Processor
 - IOS Security Mechanisms:
 - Security Architecture
 - Secure Boot Chain
 - Loading Trusted Applications
 - Application Isolation
 - Data Encryption
 - Network Security
 - Jailbreaking

Day - 3

- **Session 5: Creating a Pentest Platform**
 - Cydia
 - Logging into your Jailbroken Device
 - Tools to install
 - SQLite Databases
 - Plist Files
 - Class-Dump-Z

Day - 4

- **Session 6: Runtime Analysis**
 - Runtime Analysis with Cycrypt
 - Lifecycle of an Application
 - Cycrypt + Class-dump-Z
 - Decrypting Applications:
 - GDB
 - Clutch
 - Runtime Analysis with GDB
- **Session 7 – Exploiting iOS Apps**
 - Porting Exploits to Metasploit