



Computer / IT Department

Skill Development Program (SDP)



Android Application Module-2

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Chapter 1: Content Providers

4-hr

- SQLite Programming
- SQLiteOpenHelper
- SQLiteDatabase
- Cursor
- Reading and updating Contacts
- Reading bookmarks
- Example :

Chapter 2: Adapters and Widgets

4-hr

- Adapters:-
 - a. ArrayAdapter
 - b. BaseAdapters
- ListView and ListActivity
- Custom listview
- GridView using adapters
- Gallery using adapters
- Examples



Chapter 3: Notifications

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- Broadcast Receivers
- Services and notifications

Chapter 4: Threads

4-hr

- Threads running on UI thread (runOnUiThread)
- Worker thread ○Handlers & Runnable
- Asyn-Task (in detail)
- Examples

Chapter 5: Advanced

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- XML Parsing
- JSON Parsing
- Maps, GPS, Location based Services
- Accessing Phone services (Call, SMS, MMS)
- Network connectivity services
- Example

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