

# Android:

Shree Hari Infotech Android training, you learn basic Android programming concepts using the Java programming language. We teach you ways to expand the user experience, improve app performance, and add features like custom views, animations, and location-awareness. Each lesson includes an example with practical.

## Syllabus:

### Module 1: Basics of Android

1. What is Android
2. History and Version
3. Installing software
4. Setup Eclipse
5. Hello Android example
6. AndroidManifest.xml
7. Screen Orientation

### Module 2: UI Widgets

8. Working with Button
9. Toast
10. Custom Toast
11. Button
12. Toggle Button
13. Switch Button
14. Image Button
15. Checkbox
16. Alert Dialog
17. Spinner
18. AutoComplete Text View
19. Rating Bar
20. Date Picker
21. Time Picker
22. Progress Bar
23. Quick Contact Budge
24. Analog Clock and Digital Clock
25. Working with hardware Button
26. File Download

### Module 3: Activity, Intent & Fragment

27. Activity Lifecycle
28. Activity Example
29. Implicit Intent
30. Explicit Intent
31. Fragment Lifecycle
32. Fragment Example
33. Dynamic Fragment

### Module 4: Android Menu

34. Option Menu
35. Context Menu
36. Popup Menu

### Module 5: Layout Manager

37. Relative Layout
38. Linear Layout
39. Table Layout
40. Grid Layout

## Module 6: Adaptor

- 41. Array Adaptor
- 42. Array List Adaptor

43. Base Adaptor

## Module 7: View

- 44. Grid View
- 45. WebView
- 46. Scroll View
- 47. Search View

- 48. Tab Host
- 49. Dynamic ListView
- 50. Expanded ListView

## Module 8: Android Service

- 51. Android Service
- 52. Android Service API
- 53. Android Started Service

- 54. Android Bound Service
- 55. Android Service Life Cycle
- 56. Android Service Example

## Module 9: Data Storage

- 57. Shared Preferences
- 58. Internal Storage

59. External Storage

## Module 10: SQLite

- 60. SQLite API
- 61. SQLite Spinner

62. SQLite List View

## Module 11: XML & JSON

- 63. XML Parsing SAX
- 64. XML Parsing DOM

- 65. XML Pull Parser
- 66. JSON Parsing

## Module 12: Android Web Services

- 67. What is web service
- 68. Soap Vs Restful web service
- 69. Android Restful web service example with java servlet
- 70. Storing data into external oracle database
- 71. Verifying data in android with external oracle database